

1989 Documents

IEEE Neural Networks Council

From
The Robert J. Marks II Library Archive

The IEEE Neural Networks Council became the IEEE Computational Intelligence Society

These documents are raw scans. There is no attempted organization.
Some year's files may be misplaced in files of adjacent years.

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990, 543-6061 or 543-2150
FAX (206) 543-3842; marks@blake.acs.washington.edu*

3-2-89

Dr. Barbara Yoon
DARPA/DSO
1400 Wilson Blvd., 6th floor
Arlington, VA 22209-2308

Dear Barbara:

Thank you for agreeing to be a member of the IJCNN Oversight Committee. Enclosed is a draft of the agreement between the IEEE Neural Networks Committee (NNC) and the INNS. I hope that this and some of the other enclosed material will give you insight into the charter of the Oversight Committee.

Your service in this regard to the neural network community is appreciated.

Sincerely,



Robert J. Marks II
NNC Chairman pro tem

cc: Dr. Nicholas DeClaris, IJCNN Oversight Committee Chair

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990, 543-6061 or 543-2150
FAX: (206) 543-3842; marks@blake.acs.washington.edu*

December 29, 1988

Dr. Nicholas DeClaris
National Science Foundation
1800 G Street, N.W.
Washington, D. C. 20550

Dear Nick:

I would like you to continue to Chair the same five- member NNC Oversight Committee for IJCNN that served as the NNC's INNS Negotiating Committee. I have written each of the other four members requesting their participation. If one or more decline, I will seek your recommendation for other candidates.

I would also like to hear your opinion on the formation of the NNC Oversight Committee members for January 1990's IJCNN. I suggest that, for purposes of continuity, your five-member Committee nominate an internal Chair for IJCNN January '90. Alternately, the same Committee and/or Chair could sit for a year.

Sincerely,



Robert J. Marks II
NNC Chair pro tem

RJM:cc

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON

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FAX: (206) 543-3842; marks@blake.acs.washington.edu*

December 29, 1988

Dr. Nicholas DeClaris
8518 Beauford Drive
Fulton, MD 20759

Dear Nick:

You are named as Finance Chair in the attached budget proposal for the International Joint Conference on Neural Networks (IJCNN)* to be held June 18-21, 1989 in Washington, D.C. The proposal is currently being evaluated by the IEEE Neural Network Committee (NNC) member Societies for eventual action by the NNC. Expenditures will be required prior to this approval. For this reason, I appoint you to act on behalf of the NNC to pay expenses for the IJCNN (and ICNN) from current NNC funds in the spirit of the attached 12/21/88 letter sent to NNC Member Society Presidents.

Sincerely,



Robert J. Marks II
NNC Chair pro tem

RJM:cc

Attachments

cc: Wes Snyder, NNC Treasurer (1/1/89)
Nomi Feldman

* Prior to January 1, 1989, the International Conference on Neural Networks (ICNN).

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SEATTLE, WASHINGTON

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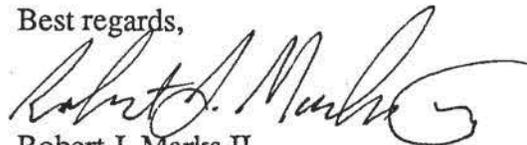
December 29, 1988

TO: NNC Members
Fernando Aldana
Wesley Snyder
Edward Posner
Kristina Johnson

Dear Kris:

Thank you for serving on the NNC's INNS Negotiation Committee. I would like you, if possible, to continue as a member of the Oversight Committee for the next two IJCNN's as specified in the proposal that your Committee so skillfully crafted. Nick DeClaris has agreed to Chair this effort for IJCNN '89. If for some reason you cannot or choose not to serve, please let me know at your earliest convenience.

Best regards,



Robert J. Marks II
NNC Chair pro tem

RJM:cc

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December 29, 1988

TO: NNC Members
Fernando Aldana
Wesley Snyder
Edward Posner
Kristina Johnson

Dear Ed:

Thank you for serving on the NNC's INNS Negotiation Committee. I would like you, if possible, to continue as a member of the Oversight Committee for the next two IJCNN's as specified in the proposal that your Committee so skillfully crafted. Nick DeClaris has agreed to Chair this effort for IJCNN '89. If for some reason you cannot or choose not to serve, please let me know at your earliest convenience.

Best regards,


Robert J. Marks II
NNC Chair pro tem

RJM:cc

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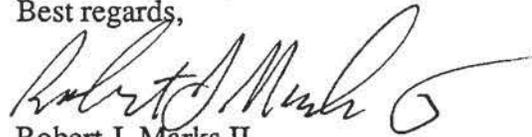
December 29, 1988

TO: NNC Members
Fernando Aldana
Wesley Snyder
Edward Posner
Kristina Johnson

Dear Wes:

Thank you for serving on the NNC's INNS Negotiation Committee. I would like you, if possible, to continue as a member of the Oversight Committee for the next two IJCNN's as specified in the proposal that your Committee so skillfully crafted. Nick DeClaris has agreed to Chair this effort for IJCNN '89. If for some reason you cannot or choose not to serve, please let me know at your earliest convenience.

Best regards,



Robert J. Marks II
NNC Chair pro tem

RJM:cc

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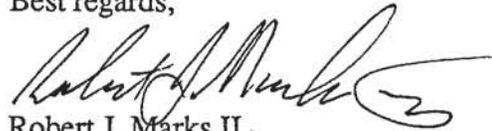
December 29, 1988

TO: NNC Members
Fernando Aldana
Wesley Snyder
Edward Posner
Kristina Johnson

Dear Fernando:

Thank you for serving on the NNC's INNS Negotiation Committee. I would like you, if possible, to continue as a member of the Oversight Committee for the next two IJCNN's as specified in the proposal that your Committee so skillfully crafted. Nick DeClaris has agreed to Chair this effort for IJCNN '89. If for some reason you cannot or choose not to serve, please let me know at your earliest convenience.

Best regards,


Robert J. Marks II
NNC Chair pro tem

RJM:cc



IEEE

THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERING, INC.

H. TROY NAGLE, Ph.D., M.D.
VICE PRESIDENT - TECHNICAL ACTIVITIES
March 15, 1989

Rolf Eckmiller, Ph.D.
Division of Biocybernetics
Institute for Physical Biology
University of Duesseldorf
Universitaetsstrasse 1
D-4000 Duesseldorf 1
West Germany

PLEASE REPLY TO:
Electrical and Computer Engineering
North Carolina State University
208 Daniels Hall
Raleigh, NC 27695-7911 USA
(919) 737-3578
(919) 737-7382 Fax
COMPMAIL: T. NAGLE
e-mail: htn@ece-csc.ncsu.edu

Dear Rolf,

Thank you for your letter of March 8, 1989, regarding cosponsorship of the International Symposium on Neural Networks for Sensory and Motor Systems by the IEEE Neural Networks Committee. I am no longer chair of the IEEE NNC, but have forwarded your request to Prof. Robert Marks at the University of Washington in Seattle. The program looks very interesting, but I am afraid you may find the NNC reluctant to contribute \$10,000 to your Symposium. IEEE has historically sponsored meetings in which the registration fees of participants cover all expenses. IEEE also earns much of its operating capital by publishing conference records and selling them to IEEE members and libraries. A symposium to which IEEE contributes \$10,000, and from which an outside publisher obtains rights to the proceedings by offering full travel support to the authors, does not fall within current IEEE practice. Perhaps one could find a few examples in which IEEE has done this in the past. I doubt the NNC is ready, or prosperous enough, at this moment to try it.

Best wishes for a successful Symposium.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Troy'.

H. Troy Nagle
Professor

HTN/psd

cc: A. Stubberud
R. Marks
W. Snyder

Bernie Widrow P.

(415) 857-9151 (H)
" 723-4949 O
" 723-8473 FAX

widrow@isl.stanford.edu

213

Walter Karplus

(213) 472-8632

ZURICH +9

011 411 2515555 - ZURICH

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

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2/7/89

Patricia Penick
FAX (212) 705-7682

Dear Ms. Penick,

The original of this FAX message is being sent to you in overnight mail.

Sincerely,



Robert J. Marks II
Professor

THERE ARE TWO PAGES IN THIS FAX MESSAGE.



OCEANIC ENGINEERING SOCIETY

Dr. Daniel L. Alspach
President

PLEASE REPLY TO:
ORINCON Corporation
9363 Towne Centre Drive
San Diego, CA 92121 USA
(619) 455-5530 Ext. 204

March 10, 1989

Professor Bob Marks
University of Washington
Department of Electrical Engineering
MS F-10
Seattle, WA 98133

Dear Professor Marks:

As President of the IEEE Oceanic Engineering Society (OES), I am writing to request that our society be considered as a representative society of the Neural Networks Committee. I would also like to recommend that Richard Trueblood and Pat Simpson be appointed as the OES representatives on the Neural Networks Committee.

Many companies involved in ocean engineering have been significantly involved in neural nets over the past several years. This list includes ORINCON Corporation, SAIC, University of California, the Marine Physical Laboratory of Scripps Institute of Oceanography, Naval Ocean Systems Center, Naval Research Laboratory, Naval Undersea Systems Center, etc. This is perhaps best exemplified by the \$100 Million neural net program out of DARPA, of which a significant component is processing acoustic transient data using neural nets.

If you require any additional information about OES and its involvement in the area of neural networks, please feel free to contact me.

Sincerely,

A handwritten signature in cursive script that reads "Dan Alspach".

Daniel L. Alspach, Ph.D.
President

DLA:mrp

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON

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Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990, 543-6061 or 543-2150
FAX: (206) 543-3842; marks@blake.acs.washington.edu*

December 22, 1988

Dr. Paul A. Willis
President
Engineering Management Society
Jet Propulsion Lab
MS 238-528
4800 Oak Grove Drive
Pasadena, CA 91109

Dear Dr. Willis:

Thank you for your recent letter concerning the interest of the Engineering Management Society in joining the IEEE Neural Network Committee (NNC). Enclosed is a copy of the NNC Charter to which member societies must agree to adhere. After appropriate review, please return a signed copy to me.

As you can see from the Charter, new membership in the NNC requires a two-thirds majority vote of current members. This vote will be taken at the next NNC meeting at the IJNNC (formerly the ICNN) in Washington, D.C. in June 1989. Please note that in accordance with the Charter, the Engineering Management Society "must demonstrate that they have been active in the area of Neural Networks in the last two years." Once established, I foresee no problem with your Society's membership. Indeed, the NNC would have no objection to no more than two appointed member representatives from your Society attending the next NNC meeting. If your membership is approved, they can participate in the remainder of the meeting as voting members.

Until then, I will be sending you the same correspondence that is sent to NNC members, including more details on the NNC meeting in D.C.

Sincerely,



Robert J. Marks II
NNC Chairman pro tem

RJM:cc

Enclosure



ENGINEERING MANAGEMENT SOCIETY

Paul A. Willis, P.E.
PRESIDENT

Robert J Marks
University of Washington, FT-18
Interactive Systems Design Lab
Seattle WA 98195
206 543-6980

18 Dec 88

PLEASE REPLY TO:
Software Engineering Company
2824 W George Mason Road
P.O. Box 2343
Falls Church, VA 22042-2343 USA
(703) 533-2826
(703) 534-9181 (Messages)

Jet Propulsion Lab
MS 238-528
4800 OAK GROVE DR
PASADENA, CA 91109
818-354-1714

Dear Bob,

This is to inform you that the Engineering Management Society would like to be a member and contribute to the Neural Networks Committee, Troy Nagle told me you were the person to talk.

This request is late because I made a time-consuming cross country move.

I'll be happy to answer any questions or supply any further details needed.

Sincerely

Paul Willis
Pres EMS (1988, 1989)

Robert Marks, Ph.D.
Interactive Systems Design Laboratory
University of Washington, FT-10
Seattle, WA 98195

February 24, 1989

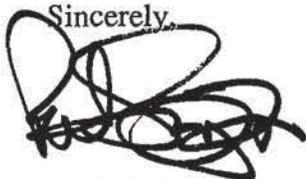
Dear Dr. Marks:

Congratulations on your new appointment as the chairman of the IEEE Technical Activities Board Neural Network Committee. I and Mr. Dick Trueblood (ORINCON) have recently been appointed to your committee (November 1988) by Dr. Dan Alspach, President of the IEEE Ocean Engineering Society. Dr. Alspach has assured me that he has submitted all the necessary paperwork to finalize these appointments and he is awaiting appointment verification from you.

I am writing in inquiry of the status of these appointments. Have you received notification? If not, from whom do you expect such documentation? What type of information can you send me about this committee and its charter? Is there anything I can do to speed up this process?

I look forward to meeting you in the near future. Please do not hesitate to contact me at either of the addresses below for more information.

Sincerely,



Patrick K. Simpson
Principal Investigator, Neural Networks IR&D

Work

General Dynamics
Electronics Division
P.O. Box 85227, MZ 7202-K
San Diego, CA 92138
619/573-2417

Home

10373 Caminito Alvarez
San Diego, CA 92126
619/271-9256

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990, 543-6061 or 543-2150
FAX (206) 543-3842; marks@blake.acs.washington.edu*

2-28-89

Dr. Herbert E. Rauch
Lockheed
Dept. 92-20, Bldg.254E
3215 Hanover St.
Palo Alto, CA 94304
(415) 424-2704
FAX: (415) 424-3333

Dear Herb:

In anticipation of the final approval of the *IEEE Neural Network Committee's* (NNC's) proposal for an *IEEE Transactions on Neural Networks (ITNN)*, I am delighted that you have chosen to accept the appointment of Editor-in-Chief for the first year. In accordance to the proposal, this position is to be determined by the NNC Editorial Board which consists of one NNC member from each member Society. In this first stage of the formation of the *ITNN*, such a Board does not yet exist. Until the Board is formed, its function will be filled by the *NNC's Publications Subcommittee* which has elected you to the position. I am delighted to support this appointment.

As Editor-in-Chief, you will nominate the Associate Editors for the publication. These nominations must be approved by a majority vote of the *NNC Publications Subcommittee*, or, when formed, the NNC Editorial Board. During the consideration of the *ITNN* proposal, I have received a number of suggestions for Associate Editors of which I want to make you aware:

Evangelia Tzanakou, Rutgers, (201) 932-2037
(NNC Member, NNC Secretary pro tem, NNC Publications Subcommittee).

Anthony Michel, Notre Dame, (219) 239-5534
(President, IEEE Circuits and Systems Society)

Robert W. Newcomb, U. Maryland, (301) 454-6869.
(NNC Member, Editor of special issue on NN's in *IEEE Trans. CAS*)

My best wishes on your new undertaking.

Best regards,



Robert J. Marks II
NNC Chairman pro tem

cc: IEEE NNC Publications Subcommittee

Industrial Electronics

H. Troy Nagle
Elec. and Computer Engineering
North Carolina State University
Box 7911
Raleigh, NC 27695
(919) 737-3578
FAX:(919)737-7382

Yoichi Okabe
Dept. of Electronic Engineering
University of Tokyo
7-3-1, Hongo, Bunkyo-ku
Tokyo 113, Japan
81-3-812-2111, ext. 6664

Information Theory

Edward C. Posner
Dept. of Electrical Engineering
California Inst. of Technology
1201 California Street
Pasadena, CA 91125
(818) 356-4852

Yasser S. Abu-Mustafa
Dept. of Electrical Engineering
California Inst. of Technology
1201 California Street
Pasadena, CA 91125
(818) 356-4842

Lasers and Electro-Optics

Joseph W. Goodman
Dept. of Electrical Engineering
Stanford University
McCullough 150
Stanford, CA 94305-4055
(415) 723-3304
goodman@sierra.stanford.edu

Kristina Johnson
Dept. of EE & CS
University of Colorado
Campus Box 425
Boulder, CO 80309
(303) 492-1835
kris@boulder.colorado.edu

Robotics and Automation

Wesley E. Snyder
Elec. and Computer Engineering
North Carolina State University
Box 7911
Raleigh, NC 27695
(919) 737-2336
wes@ecelet.ncsu.edu

(Vacant)

Systems, Man, and Cybernetics

Nicholas DeClariss*
8518 Beauford Drive
Fulton, MD 20759
(202) 357-7692
declaris%medinfo.uucp@umbc3.umbc.edu

Don Bouldin*
Dept. of Electrical & Computer Eng.
University of Tennessee
Knoxville, TN 37996-2100
(615) 974-5444
bouldin@sun1.engr.utk.edu

*acting

March 1, 1989

IEEE Neural Network Committee

Robert J. Marks II, Chairman pro tem
Evangelia Tzanakou, Secretary pro tem

Wesley E. Snyder, Treasurer

Acoustics, Speech and Signal Processing

Richard P. Lippmann
MIT Lincoln Laboratory
P.O. Box 73
Lexington, MA 02173
(617) 981-2711

B. H. Juang
AT&T Bell Laboratories 2d 534
600 Mountain Avenue
Murray Hill, NJ 07974
(201) 582-2002

Circuits and Systems

Robert J. Marks II
Interactive Systems Design Laboratory
University of Washington
Seattle, WA 98195
(206) 543-6990
marks@blake.acs.washington.edu
FAX:(206)543-3842

Robert W. Newcomb
Microsystems Laboratory
Electrical Engineering Dept.
University of Maryland
College Park, MD 20742
(301) 454-6869
newcomb@eneevax.umd.edu
FAX:(301)454-1837

Communications

Kesh Bakhru
Cubic Corporation
9333 Balboa Avenue
San Diego, CA 92123
(619) 277-6780, ext. 2648

(Vacant)

Control Systems

Herbert E. Rauch
Lockheed
Dept. 92-20, Bldg. 254E
3215 Hanover Street
Palo Alto, CA 94304
(415) 424-2704
FAX:(415)424-3333

Bradley Dickinson
Dept. of Electrical Engineering
Princeton University
Princeton, NJ 08544
(609)452-4644

Engineering in Medicine and Biology

Evangelia Tzanakou
Biomedical Engineering
Rutgers University
P.O. Box 909
Piscataway, NJ 08854
(201) 932-2037
etzanako@elbereth.rutgers.edu
FAX:(201)932-5313

Russell Eberhart
JHU Applied Physics Laboratory
Johns Hopkins Road
Laurel, MD 20707
(301) 953-5037
rce1%aplvm.bitnet@uwavm.acs.
washington.edu

Herb,

I think Michel should be considered closely. His work in IEEE Trans. CAS is quite good. He has also expressed interest in being Editor-in-Chief after CAS Pres. is over.

Newcomb also is quite good. He's broad in NNN's and deep in analog implementation.

I don't know the work of Evangelia.

When do you think its wise to ask Society's to nominate Editorial Board members. Do you think its to early now.

Lastly, since you are the Ed-in-Chief and a member of a comm. that oversees this position^(now), it might be wise for you to resign from the NNC Publications Subcomm.

Best regards

- Bob -

(The letter original is being mailed to you)

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990 (office), 543-6061 (secretary),
543-2150 (main office), 776-8995 (home), 543-3842 (FAX).
marks@blake.acs.washington.edu*

5-19-89

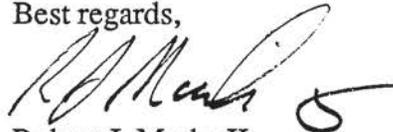
Dr. Nicholas DeClaris
FAX # (301) 328-8013

Dear Nick,

Thank you and the Oversight Committee for your fine efforts in putting together the officers in the upcoming Summer '90 IJCNN. Two items:

- ◆ Due to the late date, there is an elevated degree of urgency concerning some items for the summer '90 IJCNN. It is of the utmost important to immediately attend to generation of printed material to be made available at the upcoming June IJCNN concerning the 1990 conference - including dates, call for papers and conference location.
- ◆ The conference officials need to be aware of the conference regulations imposed by INNS, IEEE and the NNC. The NNC Charter, for example, requires a two month review period of conference budgets by member societies prior to NNC approval.

Best regards,



Robert J. Marks II
NNC Chairman pro tem

cc: Evangelia Tzanakou, NNC Secretary: FAX #(201) 932-5313

THERE IS A SINGLE PAGE IN THIS FAX TRANSMISSION.

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990, 543-6061 or 543-2150
FAX (206) 543-3842; marks@blake.acs.washington.edu*

3-2-89

Russ Eberhart
JHU Applied Physics Laboratory
John Hopkins Road
Laurel, MD 20707

Dear Russ:

Thank you for agreeing to be a member of the IJCNN Oversight Committee. Enclosed is a draft of the agreement between the IEEE Neural Networks Committee (NNC) and the INNS. I hope that this and some of the other enclosed material will give you insight into the charter of the Oversight Committee.

Your service in this regard to the neural network community is appreciated.

Sincerely,



Robert J. Marks II
NNC Chairman pro tem

cc: Dr. Nicholas DeClaris, IJCNN Oversight Committee Chair



INFORMATION SYSTEMS LABORATORY

Department of Electrical Engineering
STANFORD UNIVERSITY Stanford, CA 94305-4055

BERNARD WIDROW
Professor of Electrical Engineering
(415) 723-4949

September 4, 1989

To: IJCNN Oversight Committee
Robert W. Newcomb, Chair

From: B. Widrow

Subject: Hotel Contracts for Winter IJCNN
Meeting in 1991 and 1992

We seem to be establishing a cycle that INNS take primary organizational responsibility for winter IJCNN meetings while IEEE do this for summer meetings. Pursuant to this cycle, INNS is prepared to do the site selection and hotel contracting, with approval of the Oversight Committee, for winter IJCNN meetings in 1991 and 1992.

I am enclosing a copy of a proposed contract with the Bonaventure Hotel in Los Angeles. This contract has not yet been signed, but we have first call on the hotel between March 16 - 23, 1991. Nomi Feldman has worked with the hotel to produce this contract. She indicated to me that if we approve the time and place and she gets into serious negotiations, an even better deal might be worked here. She said that this is a beautiful facility, perfect for IJCNN. She is also looking into Anaheim as an alternative possibility. It could be cheaper.

What I need is approval to secure us a site for the winter 1991 IJCNN meeting in the Los Angeles area or vicinity, at the Bonaventure Hotel at the stated time or at a better facility (better place, better price, etc.) if Nomi can find such a thing.

The second issue is the winter 1992 meeting. I would like approval to sign the enclosed contract with the Omni Shoreham Hotel, Washington, DC, for the time period April 4 - 10, 1992. Before our agreement with IEEE to do joint meetings, INNS had signed two contracts with this hotel for meetings beyond the January 1990 date when we will hold our next IJCNN. In fact, INNS was scheduled to hold meetings at this hotel for 3 years in a row. The hotel would not let us off the hook on these

IJCNN Oversight Committee
September 4, 1989
Page 2

contracts, but has now agreed that if we take the April 4 - 10, 1992, time slot, they will be willing to cancel all other contracts. I thank Nomi Feldman for helping me negotiate this with the Omni Shoreham. There is nothing wrong with this hotel. I just don't think that it is a good idea to go back to the same place year after year. I didn't sign the 3 contracts with this hotel. I am trying to make the best deal that I can for the sake of successful IJCNN conferences.

I am asking each of you to approve

- The Bonaventure for March 16 - 23, 1991, or a better site in the same time frame (+ 1 month).
- The Omni Shoreham for April 4 - 10, 1992.

Fast response is appreciated, otherwise we may lose these opportunities.

Best regards,



Bernard Widrow
President of INNS

BW:jd

cc: Prof. Robert Marks
Mr. Robert Tufts, Esq.
Ms. Nomi Feldman



THE WESTIN BONAVENTURE
Los Angeles

William P. Lucas
Managing Director

August 4, 1989

Dr. Bernard Widrow
Stanford University
Durand Building, #139
Palo Alto, CA. 94305

Dear Dr. Bernard:

The Westin Bonaventure is very excited to be under consideration for the International Neural Network Spring meeting in 1991. I have been working with Nomi Feldman of Meeting Management on the details for this conference. Nomi has asked that I forward the contract to both of you, as she is on vacation. Next week I will be in touch with her to review and discuss the details.

The Westin Bonaventure has the location, rooms and meeting space needed for this meeting. Most importantly we have a team of professionals dedicated to providing the best possible service to our groups! We therefore offer International Neural Network all the ingredients for a successful meeting.

Dr. Widrow, I look forward to working with you and Nomi to bring this prestigious meeting to The Westin Bonaventure.

Sincerely,

Bonnie Brandolino
National Sales Manager

BB/pt
661-2BB

cc: Nomi Feldman



THE WESTIN BONAVENTURE
Los Angeles

William P. Lucas
Managing Director

August 3, 1989

GROUP AGREEMENT

Group International Neural Network

Meeting Spring Meeting

Authorized Representative Dr. Bernard Widrow

Title President

Address Stanford University - Duran Bldg, #130
Palo Alto, California 94305

Phone (619) 453-6222

The Group named above desires to engage the facilities and services of the Hotel as headquarters, and the Hotel agrees to furnish facilities and services as stated in this Agreement to accommodate the International Neural Network

When signed by representatives of both parties, this Group Agreement will constitute a firm contract between the Group and the Hotel. Any changes to this Agreement must be in writing and signed by both parties.

GUEST ROOM BLOCK

The Hotel shall reserve for the International Neural Network the following Guest Room Block

<u>Day</u>	<u>Date</u>	<u>Guest Rooms</u>	<u>Total Guest Room Block</u>
Saturday	March 16, 1991	540	540
Sunday	March 17, 1991	882	882
Monday	March 18, 1991	900	900
Tuesday	March 19, 1991	900	900
Wednesday	March 20, 1991	837	837
Thursday	March 21, 1991	297	297
Friday	March 22, 1991	54	54
Saturday	March 23, 1991	0	0

International Neural Network Association

SUITES

Currently no suites are being held. However, the Hotel has capability of committing up to 66 suites.

ROOM BLOCK HISTORY

The Hotel and the Group will review on an annual basis the Group's guest room pickup for similar meetings. Necessary adjustments to the Guest Room Block will be agreed upon mutually. One year in advance of the convention, a final review will be made and, if necessary, the above Guest Room Block will be adjusted.

GUEST ROOM RATES

Listed below are the Hotel's published Guest Room Rates as of the date of this Agreement. These rates may be adjusted from time to time by the Hotel to reflect increases in the cost of operation. The Guest Room Rates applicable to the Group will be confirmed in writing by the Hotel not later than 1 year in advance of the arrival date.

<u>Rooms</u>	<u>Standard</u>	<u>Medium I</u>	<u>Medium II</u>	<u>Deluxe</u>
Single	\$130.00	\$140.00	\$160.00	\$175.00
Double/Twin	\$155.00	\$165.00	\$185.00	\$200.00
Suite	\$275.00	and	up	

These rates do not include the occupancy tax on guest rooms, which is currently 12%.

The Hotel will honor the confirmed rates for the Group for three (3) days prior and three (3) days after the meeting dates, based upon availability.

CUTOFF DATE

The Guest Room Block will be held until February 16, 1991. Reservation requests received after the Cutoff Date will be confirmed on a space-available basis. All rooms in the Guest Room Block for which no reservation requests have been received by the Cutoff Date will revert back to the Hotel for general sale at rack rates.

CHECK IN/CHECKOUT

The Hotel will make a reasonable effort to accommodate early arrivals prior to the Hotel's normal check in time of 3:00 p.m. Checkout time is 1:00 p.m. The Group agrees to advise its members of these times.

International Neural Network Association

HOUSING BY RESERVATION RETURN CARDS

The Hotel will provide the Group with reservation cards equal to two and one half (2½) times the number of Guest Rooms being held on the peak night as shown in the Room Block. If additional cards are required, a printing charge will be assessed.

COMPLIMENTARY CREDITS

For every fifty (50) Guest Rooms occupied by the Group, the Hotel will provide one (1) Complimentary Credit. The Hotel will provide Complimentary Credits based on the following formula:

Total Room Nights divided by 50
Equals Total Complimentary Credits.

For purposes of this Agreement, one (1) "Room Night" is defined as one (1) Guest Room occupied for one (1) night. In suites, where parlors take the place of two or more rooms, the actual number of modules used to make up the suites will be counted when determining Complimentary Credits.

Complimentary Credits may be applied to suite accommodations as follows:

<u>Type of Suite</u>	<u>Complimentary Credits Required</u>
Hollywood	2
Redondo	3
Laguna	3
Malibu	3
Pacific	5
Bunker Hill (3-Bedroom)	8
Huntington	10

All of the above Complimentary Credits are based upon one-bedroom suites with the exception of the Bunker Hill as noted.

MASTER ACCOUNT BILLING

At least thirty (30) days prior to the arrival Date, the Group shall notify the Hotel in writing of those guest rooms, meeting rooms, banquet and exhibit expenses which are to be charged to the Master Account. This notice shall also include the names of those persons who have the authority to post charges to the Master Account.

International Neural Network Association

All individuals not authorized to be billed to the Master Account will be responsible for their individual guest room accounts. Upon registration, guests will be asked to present a valid major credit card; American Express, Visa, Diners Club, MasterCard, Discover, Carte Blanche or Westin Hotel Card. Otherwise, a deposit in cash, check or travelers check in the amount of room, tax and parking for the duration of their stay will be required.

TERMS OF PAYMENT

Where credit has been established by our Credit Department, seventy-five percent (75%) of the Master Account will be paid prior to the Group's departure from the Hotel. The remaining twenty-five percent (25%) will be payable upon receipt of invoice. A Finance Charge is computed on account balances which are delinquent. The Periodic Rate is 1½% per month; the Annual Percentage Rate is 18%.

Where credit has not been established, all estimated charges must be paid prior to the Group's arrival as directed by our Credit Department.

PROGRAM

The Hotel will hold appropriate function space to accommodate the Program as outlined below. Please notify the Hotel immediately if there are any changes so necessary adjustments can be reviewed.

Day	Date	Function	Time		Type of Setup	Attendance
			From	To		
Sat.	03/16/91	Office	6:00 a.m.	24 Hour	Setup	
		Registration	6:00 a.m.	24 Hour	Setup	
Sun.	03/17/91	Office		24 Hours		
		Registration		24 Hours		
		Press	6:00 a.m.	24 Hours		
		Hospitality	6:00 a.m.	24 Hours	Rounds	
		Slide	6:00 a.m.	24 Hours		
		(9) Breakouts	8:00 a.m.	6:00 p.m.	Theatre	100ea.
		(5) Breakouts	8:00 a.m.	6:00 p.m.	Theatre	150ea.
		Exhibits	6:00 a.m.	24 Hours	Setup	
		Reception	6:00 p.m.	8:00 p.m.	Flow	1000ea.
General Session	8:00 p.m.	10:00 p.m.	Theatre	1500ea.		
Mon.	03/18/91	Office		24 Hours		
		Registration		24 Hours		
		Press		24 Hours		
		Hospitality		24 Hours	Rounds	
		Slide		24 Hours		
		Exhibit		24 Hours		
		(2) Breakouts	8:00 a.m.	5:00 p.m.	Theatre	1000ea.
General Session	8:00 a.m.	10:00 p.m.	Theatre	2000ea.		

International Neural Network Association

Tue.	03/19/91	Office	24 Hours	
		Registration	24 Hours	
		Press	24 Hours	
		Hospitality	24 Hours	Rounds
		Slide	24 Hours	
		Exhibits	24 Hours	
		(2) Breakouts	8:00 a.m. 5:00 p.m.	Theatre 1000ea.
		General Session	8:00 p.m. 10:00 p.m.	Theatre 2000ea.
Wed.	03/20/91	Office	24 Hours	
		Registration	24 Hours	
		Press	24 Hours	
		Hospitality	24 Hours	Rounds
		Slide	24 Hours	
		Exhibits	24 Hours	
		(2) Breakouts	8:00 a.m. 5:00 p.m.	Theatre 1000ea.
		Reception	6:00 p.m. 8:00 p.m.	Flow 2000ea.
		General Session	8:00 p.m. 11:00 p.m.	Theatre 1500ea.
Thu.	03/21/91	Office	24 Hours	
		Registration	24 Hours	
		Press	24 Hours	
		Hospitality	24 Hours	Rounds
		Slide	24 Hours	
		Exhibits	24 Hours	
		(2) Breakouts	8:00 a.m. 5:00 p.m.	Theatre 1000ea.
Fri.	03/22/91	Office	Until 12:00 Noon	
		Exhibits	Until 12:00 Noon	Teardown

The Hotel's Convention Services Department will contact the Group's Authorized Representative ten (10) months in advance of the meeting to update the above tentative Program. A final Program must be received six (6) months in advance of the meeting. At that time all unassigned space will be released and revert back to the Hotel. Due to potential changes in the number of people, setups, times and dates, the Hotel reserves the right to assign all public space. Appropriate function space will be assigned to meet the Group's requirements as outlined above.

COMPLIMENTARY PUBLIC SPACE

Based upon the Group's anticipated Guest Room requirements and the number of scheduled Food and Beverage functions, the Hotel will waive the room rental for the meeting facilities as outlined in the above program.

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However, the Hotel reserves the right to assess a rental charge if the Group's Guest Room pickup falls below 75% of either the contracted Guest Room Block on the peak night or the overall total room nights contracted, or the Group cancels a major scheduled Food and Beverage function. This rental charge will be negotiated between the Hotel and the Group no later than 30 days prior to the convention if the pickup is in question of reaching 75% of the Guest Room Block, and will be assessed if the pickup is not met.

The Hotel will provide complimentary theatre seating for all meetings. For schoolroom or classroom style setups, a one-time \$2.00 per person labor charge will be applicable. This charge will also apply should there be a major change in the setup of a meeting room after it has been set.

CONVENTION SERVICES DEPARTMENT

One year in advance of the meeting, a professional Convention Services Manager will be assigned to the Group. This person will serve as your principal contact with the Hotel for all aspects of the meeting including menus, function space assignment, and act as the Group's liaison with the Hotel.

EXHIBIT SPACE

The Hotel has reserved the Pasadena Room for the Group for exhibits from 6:00 a.m. Sunday, March 17, 1991 until 12 Noon Friday, March 22, 1991. The current rental is 50 cents per net square foot, per show day, with a minimum of \$5,000.00 per show day. There is no charge for move in or move out based upon the Group's show schedule. The rate includes use of the net bare space, air conditioning, lighting and normal electrical power. Any special requests for labor or additional electrical or other requirements will be billed accordingly to the Group. The rate applicable to the Group will be confirmed in writing one year prior to the arrival date.

CONTRACT REVIEW

A copy of the proposed exhibitors' contract will be submitted to the Hotel for approval prior to its printing and distribution to ensure that exhibitors receive complete information and instructions regarding rules and regulations governing exhibits at the Hotel.

ELECTRICAL

All electrical equipment displayed in the Hotel must meet the requirements established by the Los Angeles City Code. Any equipment not meeting the established requirements must have prior written approval for exhibition by the Los Angeles Department of Building and Safety Electrical Division.

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EXHIBITS AND EXHIBITIONS

The following language shall be incorporated as part of the Group's exhibitor contract: "The Exhibitor assumes the entire responsibility and liability for losses, damages and claims arising out of injury or damages to displays, equipment and other property brought upon the Hotel premises, and shall indemnify, defend, and hold harmless the Hotel, its owners, affiliated companies, agents, servants and employees from any and all such losses, damages and claims."

DRAYAGE

The Hotel is not able to store display material and/or show merchandise prior to, nor at the conclusion of the show. At the conclusion of the Group's setup, all related equipment, crates, etc., shall be removed from the Hotel premises no later than the last day of the contracted dates. A charge will be assessed to the Group for removal of any exhibit items left on the Hotel premises after 12 Noon Friday, March 22, 1991.

DECORATOR

The Hotel will be pleased to acknowledge and cooperate with the Group's chosen decorator, or will recommend a decorator.

DAMAGE TO HOTEL PREMISES

The Group accepts responsibility and agrees to pay for any damage, other than normal wear and tear to the Hotel premises, caused by the Group members or suppliers hired directly by the Group.

BANQUETS

Listed below are the Hotel's current prices for various food functions. The Hotel will confirm prices to the Group no later than four (4) months prior to the arrival date.

Breakfast (Continental)	From \$ 8.00
Breakfast (American)	From \$11.25
Luncheon	From \$15.50
Dinner	From \$20.75

LIFE SAFETY SYSTEM

The Hotel is acknowledged as one of the most advanced facilities with respect to fire detection and control systems. All areas of the entire hotel complex are completely equipped with sprinklers, smoke, and heat detectors. The Control Room is monitored by both staff and computer 24 hours a day, and has direct communication with the Los Angeles Fire Department. Detailed information is available.

International Neural Network Association

WESTIN HOTELS' FAMILY PLAN

Children 18 years of age or younger stay free of charge when occupying the same room with their parents or guardians. If more than one room is required to accommodate a family, the single guest room rate will apply to each room occupied.

PROMOTION/ADVERTISING

The Group shall not use the name, trademark, symbol or other proprietary designation of the Hotel nor Westin Hotels and Resorts in any advertising or promotional material without the prior written approval of the Hotel.

INDEMNIFY/HOLD HARMLESS

The Hotel hereby covenants and agrees to indemnify and hold harmless the Group from any losses, damages, claims, expenses, or liability, including costs of defense thereof, for any claims or damages for injury to persons or property resulting from the use of the Hotel, if such injury is due to the negligence or intentional misconduct of the Hotel.

The Group hereby covenants and agrees to indemnify and hold harmless the Hotel, Westin Hotel Company, affiliated and subsidiary companies and their employees against and from any losses, damages, claims, expenses or liability, including the costs of defense thereof, for any claims or damages for injury to persons or property resulting from the use of the Hotel, if such injury is due to the negligence or intentional misconduct of the Group.

OPTION DATE

As the final selection process will be completed by October 30, 1989, the Hotel will continue to hold the above listed guest rooms and public space on a tentative basis until the Option Date. If prior to the Option Date, another group requests these meeting dates and is willing to confirm on a definite basis, an earlier decision will be required.

CANCELLATION

The performance of this Agreement by either party is subject to Acts of God, war, disasters, civil disorder, curtailment of transportation facilities and labor disputes making it illegal, inadvisable or impossible to provide the facilities or the hold the convention. It is provided that this Agreement may be terminated without penalty for any one or more of such reasons by written notice from one party to the other at the earliest possible time.

International Neural Network Association

Should the Group terminate this Agreement after signature the Hotel will require liquidated damages based on the following scale:

<u>Date of Cancellation</u>	<u>Liquidated Damages</u>
More than 2 years from arrival date	5% of Total Room Revenue
2 years - 1 year from arrival date	15% of Total Room Revenue
1 year - 6 months from arrival date	25% of Total Room Revenue
Less than 6 months from arrival date	50% of Total Room Revenue

The rate used to calculate the actual damages will be the minimum single rack rate prevailing at the date of cancellation. Damages will be paid to the Hotel within thirty days of cancellation.

CONCLUSION

As terms of this Agreement meet with the Group's approval, sign and return both copies of this Agreement, indicating that all arrangements as outlined are definite and confirmed. One copy will be countersigned by the Hotel and returned.

ACCEPTED:

Group

Authorized Signature

Name (Please Print)

Title

Date

ACCEPTED:

THE WESTIN BONAVENTURE, LOS ANGELES
Hotel

Authorized Signature

Name (Please Print)

Title

Date

OMNI SHOREHAM HOTEL

July 6, 1989

Professor Bernard Widrow, President
INTERNATIONAL NEURAL NETWORK SOCIETY
Room 139 Durand Building
Stanford University
Stanford, CA 94305-4055

Dear Professor Widrow:

The following serves as a letter of agreement between INNS and the Omni Shoreham in Washington, D.C. All arrangements are being held on a tentative basis and require your signature on the enclosed copy of this letter before the commitment can be finalized.

GUEST ROOM ACCOMMODATIONS

Saturday, April 4, 1992	70 Rooms
Sunday, April 5, 1992	400 Rooms
Monday, April 6, 1992	700 Rooms
Tuesday, April 7, 1992	700 Rooms
Wednesday, April 8, 1992	700 Rooms
Thursday, April 9, 1992	650 Rooms
Friday, April 10, 1992	150 Rooms

If your assigned room block includes suites, the Omni Shoreham Suite Policy guidelines will be reviewed with you prior to your convention.

Please note our check-in/check-out times of 3:00 p.m. and 12:00 Noon, respectively.

GUEST ROOM RATES

The Omni Shoreham will confirm net rates one year prior to the indicated arrival date. 1990 rates for your meeting would be:

Single: \$135
Double: \$155

The Omni Shoreham guarantees that these rates will not increase by more than 10% per year.

All rates are subject to the prevailing taxes at the time of your meeting. The current taxes are 11% District of Columbia Sales Tax and \$1.50 per room, per night, District of Columbia Occupancy Tax.

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July 6, 1989
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These rates are commissionable to _____
at 10% of the actual room revenue

COMPLIMENTARY POLICY

We are pleased to provide one complimentary guest room for each fifty paid rooms occupied during your visit. A guest room or mini-suite is equivalent to one guest room, a superior one-bedroom suite is equivalent to two guest rooms, a deluxe one-bedroom suite is equivalent to three guest rooms, a deluxe two-bedroom suite is equivalent to four guest rooms, and a presidential suite is equivalent to five guest rooms. Also, six staff rooms will be provided at a special rate.

RESERVATION PROCEDURES

(Please indicate preferred method)

All reservation requests must be accompanied by a first night's deposit in the form of a check, money order or major credit card number, including the cardholder's signature and expiration date of the card.

The Omni Shoreham requests any rooming list, including V.I.P.'s, staff and speakers, by March 5, 1992. This list should indicate full names of guests, arrival dates, departure dates, pairings for shared rooms and method of payment. Requests for accommodations received by our Reservations Department after the above date will be accepted on a space available and a rate available basis.

The Omni Shoreham will be pleased to provide 2100 postage-paid return reservation envelopes at no charge. Additional supplies may be purchased at a nominal cost. Please let us know the number you will require one month prior to the time you need them.

These envelopes, which request all pertinent reservation information from your guests, should be returned to the Omni Shoreham by March 5, 1992. Reservation requests received after this date will be accepted on a space available and a rate available basis.

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In the event that you will be printing your own reservation form for housing requests, the Omni Shoreham must review and approve the printed copy prior to its distribution to your prospective attendees. The Omni Shoreham can provide reservation form samples to assist you with developing a copy. There is a set of basic requirements, including payment methods, late arrival guarantees, and your reservation cut-off date of March 5, 1992, which must appear on your form. Of course, reservation requests after the cut-off date will be accepted on a space available and a rate available basis.

It is our understanding that some reservations will be telephoned directly to the Omni Shoreham Reservations Department. In order to receive the preferred rates for which you are contracting, telephone requests must identify their affiliation with INNS. Rates cannot be changed at check-in or check-out for guests who fail to identify their affiliation at the time the reservation is requested. Reservation requests received after March 5, 1992 will be accepted on a space available and a rate available basis. Requests must go directly to the Omni Shoreham at (202) 234-0700. Preferred rates and space in your block of rooms cannot be confirmed through any (800) toll-free service.

We also request that you place the Omni Shoreham on your mailing list for any correspondence that is sent out pertaining to this meeting so that we can be better informed of your meeting and organizational needs.

FUNCTION SPACE ARRANGEMENTS

Sunday, April 5, 1992

Several rooms for tutorials and office areas.

Monday, April 6, 1992 through 5pm Friday April 10, 1992

8am-5pm ALL SPACE HOLD (all meetings set theatre style)

INNS will be given first option on any space before it is sold to another group. This agreement will hold until nine months prior to the start of your meeting, at that time any unused space will revert back to the hotel for sale.

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Meeting space will be held for your use on the "official" dates of your convention, beginning at 8:00 a.m. on the first day and ending at 5:00 p.m. on the last day as outlined in the contract and contingent upon the following conditions:
All daytime meeting space (8:00 a.m. - 5:00 p.m.) will be held until nine months prior to your convention, pending receipt of your daytime program outlining your actual needs.

The Blue Room will be released for the Hotel's use nightly at 5pm. the Regency Ballroom will be held for INNS use starting 8am-5pm Monday, April 6, 1992 through 5pm Friday, April 10, 1992.

Space will be allocated for pre- and post-convention meetings as needed and based on availability. However, you must advise us of your requirements at this time or the hotel can not assume responsibility for providing this space.

The INNS agrees to Hold Harmless Omni Hotels and the Omni Shoreham, et al, from any and all damages or destruction including theft or mysterious disappearance to any and all equipment owned by or leased to INNS.

Based on your anticipated guest room pick-up and the number of scheduled food and beverage functions there will be a no charge for the use of the above-noted function facilities. Function space rental is predicated on the overall estimated revenue for the requirements you have outlined. Increases in meeting room requirements of negative variances in guest room revenue or food and beverage revenue which exceed 15% of what is outlined above is reasonable cause for the reassessment of the function space terms of this agreement. Based on your guest room pick-up at the time of the reservation cut-off, the function space commitment is subject to review.

EXHIBIT SPACE

The Omni Shoreham has reserved the Exhibit Hall to accommodate up to 150 booths and posters. The following time frames and rental fees have been structured:

Move in 8am Sunday, April 5, 1992. Move out by 5pm Saturday, April 11, 1992. Rental will be established one year prior to your meeting.

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Rental charges include exhibit space as outlined above, standard lighting, heating and ventilation. Rental charges do not include drayage, decoration, security services, labor or storage of display materials and show merchandise prior to and following scheduled exhibition.

Due to storage space limitations, display materials sent directly to the Omni Shoreham must be returned to the shipper. Storage space will be made available for conference materials only. Charges for the use of electrical power lines, spot lighting, water, etc., will be quoted upon request to our Director of Engineering Services.

The INNS agrees to Hold Harmless Omni Hotels and the Omni Shoreham, et al, from any and all damages or destruction including theft or mysterious disappearance to any and all equipment owned by, leased to or utilized by INNS or any of its exhibitors.

CONVENTION COORDINATION

Conventions at the Omni Shoreham are extremely successful due to the full time attention given by our Convention Service Managers. These managers will be responsible for maintaining an excellent rapport with the Meeting Planner and will assist him in coordinating all arrangements made with the hotel. This kind of service and cooperation assures a smooth running, successful convention. The entire job of our Convention Services Managers during your stay will be to tend to your every need.

AUDIO VISUAL

We commend Swank, Inc. as your official Audio Visual Representative.

Contact:

Rodney West
Regional Manager
2500 Calvert St, NW
Washington, DC 20008
(202) 332-8188

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EXHIBITS/DECORATORS

We recommend Andrews Bartlett and Associates as your official Show Service Representative.

Contact:

Mark Salesses
Sales Manager
8430 Terminal Road
Lorton, VA 22079
(703) 550-8503

CATERING

Whether serving 10 guests in an intimate dining atmosphere or 1,700 in our grand Regency Ballroom, our professional catering staff has some exciting ideas in store for you . . . ask them about our special theme parties.

PUBLIC RELATIONS

Our Public Relations Department publishes a monthly calendar of events highlighting the newsworthy aspects of your meeting or convention. This is distributed to 75 key contacts of the Washington based national and area media including wire services, New York Times, Time, Newsweek, network television news bureaus and trade publication sources. Deadline for information to be included is two weeks in advance of the month of your meeting.

More extensive public relations services can be arranged, if desired, through our public relations consultant, Arnold Fine & Associates at (202) 462-8775.

SIGNS, BANNERS AND DISPLAYS

No signs, banners and displays shall be erected or displayed in any part of the hotel without the approval of the Convention Service Manager. It is further agreed that no sign, banner or display shall be affixed to any part of the hotel. The hotel will be happy to provide easels for this purpose.

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FOOD AND BEVERAGE

Because of our legal liability for all food and beverage served on our premises as well as licensing restrictions, our policy requires that only Omni purchased food and beverages be served on the hotel property. Being accountable for food and beverage origins, conditions and transportation, we will make every effort to meet our responsibilities in the protection of their health and safety.

OMNI SUCCESSFUL MEETING GUARANTEE

At the Omni Shoreham, we not only do our best to make your meeting smooth running and trouble free . . . we guarantee it. Of course, we want the chance to put things right first. But if we fail to satisfy your needs, we will adjust your bill accordingly! That's our Successful Meeting Guarantee -- an Omni tradition for over 15 years.

CREDIT AND BILLING ARRANGEMENTS

By 30 days prior to arrival, the Omni Shoreham must receive a detailed set of billing instructions on INNS letterhead. Instructions must include: (1) the name and address of the person responsible for payment of the master account, (2) the names of additional people authorized to sign master account charges, and (3) a list of charges which you expect to be posted to the master account, including any specified guest rooms or individual incidental charges. Unless otherwise indicated, it is assumed that individual guests will be responsible for their own guest room and incidental charges.

Since we do not have an established line of credit for you at the Omni Shoreham, we require the completion of the enclosed credit application form. This form should be completed in full and returned with the signed contract.

In the event that the Credit Application is declined for any reason, 50% of the estimated master account is due 30 days prior to arrival. The final balance is due by Certified Check no later than 48 hours prior to check-in.

Payment of the master account is due within 30 days of your receipt of the reconciled bill.

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CANCELLATION

This agreement will bind INNS and the Omni Shoreham to the preceding terms. It is provided that there shall be no right of termination for the sole purpose of holding the same or reasonably similar function in another hotel or in another city. Should cancellation occur, INNS will be responsible to pay for the unsold portion of the peak night's room revenue. Reasonable causes for termination include: acts of God, war, government regulation, disaster, strikes, civil disorder, curtailment of transportation facilities, other emergencies as mutually agreed.

Any controversy or claim pertaining to the cancellation of this contract, which cannot be acceptably negotiated by both parties, shall be settled by arbitration in accordance with the rules of the American Arbitration Association. Judgement upon the award rendered by the arbitration may be entered in any court having jurisdiction thereof.

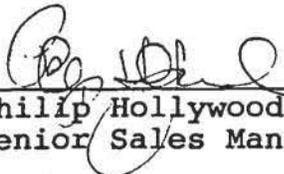
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Page 9

OPTION

We will hold these dates until August 15, 1989 at which time we will need a signed copy of this agreement from you verifying your confirmation. The Omni Shoreham further agrees that acceptance of these dates releases INNS from any financial obligation to the Omni Shoreham for cancelling all other dates currently booked definite.

We look forward to the privilege of hosting the INNS in 1992. Please do not hesitate to provide any further information or to pose any questions which may help us to serve you better.

Sincerely,
for THE SHOREHAM HOTEL LIMITED PARTNERSHIP
dba Omni Shoreham Hotel
By Omni Hotels Management Corporation, its Agent



Philip Hollywood
Senior Sales Manager

I hereby accept the above stated terms and conditions, and further warrant I have the authority to sign on behalf of INNS:

Name

Title

Date



North Carolina State University

Department of Electrical and Computer Engineering

Box 7911
Raleigh, NC 27695-7911
919-737-2336

September 18, 1989

Professor Robert W. Newcomb
Microsystems Laboratory
Electrical Engineering
University of Maryland
College Park, MD 20742

Dear Prof. Newcomb:

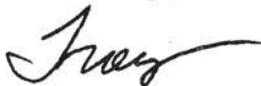
Inclosed is the Budget that was approved by the San Diego Section and the IEEE Neural Networks Committee for ICNN88. As part of the budget development process, the IEEE NNC (represented by me as its Chair) and the San Diego Section (represented by Robert Hecht-Nielsen as appointed by the Section Chair, Larry Hamerman) agreed to bring to the our respective entities the IEEE ICNN88 Conference Plan that you will find attached to the ICNN88 Budget. The attachment was included as part of the ICNN88 approved budget and the San Diego Section did in fact share the surplus with the IEEE NNC on an equal basis, as was specified in the Conference Plan. The IEEE NNC and the San Diego Section agreed that the document as proposed was a mixture of 1988 details and a general charter agreement, and that the general charter items should be separated and refined so that all parties could sign the agreement and end the controversy that began with the 1987 conference. The Region 6 Director in office at that time, Dick Doyle, was to refine the wording of a separate general charter agreement with the Section and Robert Hecht-Nielsen (the text was in his Company's word processor). I was prepared (and authorized by the IEEE NNC) to sign a general agreement that conformed to the Conference Plan as attached to the budget for the 1988 Conference. The refined general charter was to be signed during the fall of 1988. Meanwhile, in early December, 1988, the IEEE NNC negotiated a merger of the ICNN with the INNS Annual Meeting to become the IJCNN Series of Conferences. The agreement with

the INNS was written so as to preserve spirit of the earlier agreement with the San Diego Section. I was an observer to the negotiations between the INNS and the IEEE NNC for the expressed purpose of seeing that the spirit of the agreement, as I understood it, was preserved. In December 1988, I resigned as Chair of the NNC due to my election as VP Technical Activities, and Robert Marks subsequently became the IEEE NNC Chair. To the best of my knowledge, the final agreement between the IEEE Neural Networks Committee and the San Diego Section has not been signed. The only official action taken by the both parties was the approval of the ICNN88 Conference budget to which the terms of cosponsorship were attached.

I hope that this helps clarify the issues involved. I must apologize for not completing the agreement with the San Diego section before my resignation as Chair of the IEEE NNC. Dick Doyle was to see that a charter that was acceptable to the San Diego Section was prepared. He was to sign it himself and have the Section Chair sign it, and then I was to sign it if it agreed with the terms as expressed in the ICNN88 Budget. If it deviated from the terms as detailed in the ICNN88 Budget attachment, then I was to bring it back to the NNC for its ratification.

Your Oversight Committee has a lot of work ahead. If you plan to have a meeting at NIPS in Denver, I will make every effort to attend (if requested to do so) to explain the rather complicated chain of events that led up to the terms of the compromise worked out by Robert Hecht-Nielsen and me as detailed in the ICNN88 Budget attachment.

Sincerely,



H. Troy Nagle
Professor

cc: Robert Marks, Chair, IEEE NNC
Allen Stubberud, Director, IEEE Region 6
Michael Aronstein, Past Chair, IEEE San Diego Section

Address List:

Robert J. Marks, II
Chair, IEEE NNC
Electrical Engineering, FT-10
University of Washington
Seattle, WA 98195
(206) 543-6990
(206) 543-3842 (fax)

Dr. Allen R. Stubberud
Director, IEEE Region 6
Dept. of Engineering
University of California
Irvine, CA 92717
(714) 856-7092
(714) 856-4152 (fax)

Michael J. Aronstein
Past Chair, IEEE San Diego Section
BBN
4015 Hancock Street, Suite 101
San Diego, CA 92110
(619) 224-3240



North Carolina State University
Department of Electrical and Computer Engineering

Box 7911
Raleigh, NC 27695-7911
919-737-2336

September 18, 1989

Professor Robert W. Newcomb
Microsystems Laboratory
Electrical Engineering
University of Maryland
College Park, MD 20742

Dear Prof. Newcomb:

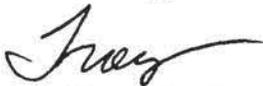
Inclosed is the Budget that was approved by the San Diego Section and the IEEE Neural Networks Committee for ICNN88. As part of the budget development process, the IEEE NNC (represented by me as its Chair) and the San Diego Section (represented by Robert Hecht-Nielsen as appointed by the Section Chair, Larry Hamerman) agreed to bring to the our respective entities the IEEE ICNN88 Conference Plan that you will find attached to the ICNN88 Budget. The attachment was included as part of the ICNN88 approved budget and the San Diego Section did in fact share the surplus with the IEEE NNC on an equal basis, as was specified in the Conference Plan. The IEEE NNC and the San Diego Section agreed that the document as proposed was a mixture of 1988 details and a general charter agreement, and that the general charter items should be separated and refined so that all parties could sign the agreement and end the controversy that began with the 1987 conference. The Region 6 Director in office at that time, Dick Doyle, was to refine the wording of a separate general charter agreement with the Section and Robert Hecht-Nielsen (the text was in his Company's word processor). I was prepared (and authorized by the IEEE NNC) to sign a general agreement that conformed to the Conference Plan as attached to the budget for the 1988 Conference. The refined general charter was to be signed during the fall of 1988. Meanwhile, in early December, 1988, the IEEE NNC negotiated a merger of the ICNN with the INNS Annual Meeting to become the IJCNN Series of Conferences. The agreement with

the INNS was written so as to preserve spirit of the earlier agreement with the San Diego Section. I was an observer to the negotiations between the INNS and the IEEE NNC for the expressed purpose of seeing that the spirit of the agreement, as I understood it, was preserved. In December 1988, I resigned as Chair of the NNC due to my election as VP Technical Activities, and Robert Marks subsequently became the IEEE NNC Chair. To the best of my knowledge, the final agreement between the IEEE Neural Networks Committee and the San Diego Section has not been signed. The only official action taken by the both parties was the approval of the ICNN88 Conference budget to which the terms of cosponsorship were attached.

I hope that this helps clarify the issues involved. I must apologize for not completing the agreement with the San Diego section before my resignation as Chair of the IEEE NNC. Dick Doyle was to see that a charter that was acceptable to the San Diego Section was prepared. He was to sign it himself and have the Section Chair sign it, and then I was to sign it if it agreed with the terms as expressed in the ICNN88 Budget. If it deviated from the terms as detailed in the ICNN88 Budget attachment, then I was to bring it back to the NNC for its ratification.

Your Oversight Committee has a lot of work ahead. If you plan to have a meeting at NIPS in Denver, I will make every effort to attend (if requested to do so) to explain the rather complicated chain of events that led up to the terms of the compromise worked out by Robert Hecht-Nielsen and me as detailed in the ICNN88 Budget attachment.

Sincerely,



H. Troy Nagle
Professor

cc: Robert Marks, Chair, IEEE NNC
Allen Stubberud, Director, IEEE Region 6
Michael Aronstein, Past Chair, IEEE San Diego Section

Address List:

Robert J. Marks, II
Chair, IEEE NNC
Electrical Engineering, FT-10
University of Washington
Seattle, WA 98195
(206) 543-6990
(206) 543-3842 (fax)

Dr. Allen R. Stubberud
Director, IEEE Region 6
Dept. of Engineering
University of California
Irvine, CA 92717
(714) 856-7092
(714) 856-4152 (fax)

Michael J. Aronstein
Past Chair, IEEE San Diego Section
BBN
4015 Hancock Street, Suite 101
San Diego, CA 92110
(619) 224-3240

See reverse side for instructions on how to complete this form

CONFERENCE

1. Full title of Conference IEEE International Conference on Neural Networks - 1988
 2. Dates of Conference 24-27 July 1988
 Location of Conference (full name and address) Sheraton Harbor Island East Hotel,
 San Diego, CA
 Estimated Attendance 2000 5. Exhibits Yes No
 Will there be a Conference publication? Yes No If yes, check one box below.
 Conference Record Other (explain) _____

IEEE ENTITY INVOLVEMENT

IEEE entity involvement is either Sponsorship or Cosponsorship as defined on reverse side, enter below the name of all involved IEEE and non-IEEE entities and their percent of financial share.

Entity IEEE San Diego Section % 50
 Entity TAB Neural Network Committee % 50
 Entity _____ % _____
 Entity _____ % _____

IEEE entity involvement is either Participating or Cooperating as defined on reverse side, enter below the names of all involved IEEE and non-IEEE entities and indicate the involvement of each.

Entity	Type of Involvement	
	Participating	Cooperating
_____	<input type="checkbox"/>	<input type="checkbox"/>
_____	<input type="checkbox"/>	<input type="checkbox"/>
_____	<input type="checkbox"/>	<input type="checkbox"/>
_____	<input type="checkbox"/>	<input type="checkbox"/>

Has the Section within whose geographical boundaries the Conference is being held been notified? Yes No
 If yes, who was contacted? _____

Name _____ Section _____

Has IEEE Conference Insurance form been submitted? Yes No

ADMINISTRATION

For the following Conference officers, enter first name, middle initial and last name, plus complete address and telephone number.

CONFERENCE CHAIRMAN Robert Hecht-Nielsen Tel. No. (619) 546-8877
 Address 5501 Oberlin Drive, San Diego, CA

INFORMATION CONTACT Nomi Feldman Tel. No. (619) 453-6222
 Address 3770 Tansy Street, San Diego, CA 92121

CONFERENCE COMMITTEE MEMBERS

Available, please attach to this form a complete list of Conference Committee members, their titles, addresses and telephone numbers.

CONFERENCE COMMITTEE MEMBERS

Submitted by: Robert Hecht-Nielsen Tel. No. (619) 546-8877
 Address HNC, Inc. 5501 Oberlin Drive, San Diego, CA 92121
 Position Conference Chair

Signature [Signature] Date 8 Jan 88

Larry Hamerman, 6375 Farley Dr., San Diego, CA 92122
Chm, SD section

UNIVERSITÄT DÜSSELDORF



Institut für Physikalische Biologie

Abteilung Biokybernetik

Rolf Eckmiller, Ph.D.

H.Troy Nagle, Ph.D., M.D.

Department of Electrical and Computer Engineering
North Carolina State University

Raleigh, North Carolina 27695-7911 Tel(919)737-2336

Universitätsstraße 1
D-4000 Düsseldorf 1
Tel.: (0211) 311-4540

e-mail:
ECKMILLE@DD0RUD81.BITNET
6 March, 1989

and to:
Allen R. Stubberud, Ph.D.
NSF, Washington, D.C.

Dear Troy,

You will remember our conversations last July in San Diego at the IEEE ICNN conference regarding a possible merger of the two big neural net meetings this year in Washington and secondly, regarding a possible neural net meeting in the Federal Republic in 1990.

Thanks to your ability and will to find a merger-solution with Bernie Widrow (at least for the 1989 meeting in Washington) the first problem was solved for the benefit of the neural net community.

Meanwhile I am organizing two neural net-related international conferences in the Federal Republic in March 1990:

1. International Conference on PARALLEL PROCESSING IN NEURAL SYSTEMS AND COMPUTERS

Mo. 19.- We. 21. March, 1990 in Düsseldorf (FRG)

Format: open conference with about 500 participants and students

Topics: New concepts in Neuroscience - Computational Neuroscience -

Cellular Automata - Massively Parallel Computers - Neural Nets (Learning, Applications, Hardware, Mathematical Theory, etc.) -

Neural Computers - Optical Computers - Molecular Computers

Activities: Review lectures, papers, posters, panel discussions

2. International Symposium on NEURAL NETWORKS FOR SENSORY AND MOTOR SYSTEMS

Th. 22.- Sa. 24. March, 1990 at the Rheinpark Plaza Conference Center near Düsseldorf.

The enclosed material gives you more information regarding the format, list of invited participants, topics, etc.

Considering the fact that I had been asked by IEEE last July to think about planning an IEEE co-sponsored neural net conference in the Federal Republic, I would like IEEE to play an active role and to co-sponsor especially the International Symposium.

It is the specific intention of this symposium to achieve the following goals:

- 1) Gather and synchronize the very best neural net scientists and promising newcomers from Europe and the U.S.
- 2) Generate an excellent 'state of the art' report (proceedings no later than four (4) months after the symposium) with a sharp focus on sensory and motor systems under neural net control (rather than the whole jazz from spin-glasses to 'Non-Von-Hopfmann-Back-Propaganda').
- 3) Increase the visibility and membership of IEEE in the field of neural nets as a truly international society.

In my preliminary calculations, I assume that sixty top-notch scientists will be attracted to the symposium as active participants and contributors to the proceedings (several major publishers are already competing for this book) by covering their travel and housing expenses.

I assume that the 240 observers consist of 180 scientists or other newcomers and 60 students with equal quota from Europe and the U.S.

The 180 observers would pay a registration fee of \$150.-

The 60 students would pay a registration fee of \$ 70.-

Of course this symposium will be a non-profit activity and no honoraria will be paid. Estimated total costs minus the registration fees = \$ 80.000.-.

I have positive signals from ONR that they will sponsor the symposium (one is talking about \$ 20.000). INNS may also be able to co-sponsor the symposium.

I will have to raise about \$ 40.000 from European sources, assuming that IEEE and INNS together were able to support the meeting with a total of \$ 20.000.- (perhaps \$ 10.000.- each for IEEE and INNS?).

Please let me know if you find the concept of this symposium attractive and whether you could think of mechanisms for its support by IEEE.

Hope to hear from you soon and I am looking forward to meet again this June in D.C.

Best regards,



Professor and Head
Division of Biocybernetics

Heinrich-Heine-Universität Düsseldorf, Dept. Biophysics, 4000 Düsseldorf (FRG)
R. Eckmiller, Ph.D., Tel.: (211)311-4540, e-mail: ECKMILLE@DDØRUD81.BITNET

First Announcement

3/89

International Symposium on: NEURAL NETWORKS FOR SENSORY AND MOTOR SYSTEMS

22. - 24. March, 1990, RHEINPARK PLAZA NEUSS, vis a vis DÜSSELDORF (FRG)
Co-sponsored by several American and European public and private institutions

Organizer: R. Eckmiller, Düsseldorf (FRG)

Program Committee: I. Aleksander, London (UK),

B. Angeniol, Bagneux (F),

R. Eckmiller, Düsseldorf (FRG),

D. Hammerstrom, Beaverton (USA)

Objective:

- *) Review of the most recent developments in the field of neural net simulators (both hardware and software)
- *) Summary of the current knowledge in brain research regarding the neural control of sensory and motor systems
- *) Description of new technical sensory and motor systems under control of artificial neural networks
- *) Discussion of the prospects of commercial neural net applications in the near future

Format:

Closed meeting with up to 300 participants.

60 leading scientists, about one half from the U.S. and the other half from Europe, Japan, Canada, and Israel are being invited as active participants for oral presentations. Up to 240 further participants (including about 60 students) can register at the symposium and are encouraged to make poster presentations.

Activities:

- Opening Lecture by Karl Steinbuch, Ettlingen (FRG):
Die Lernmatrix - The Beginning of Associative Memories

- Special Lectures by Teuvo Kohonen, Espoo (Finland) and

by Bernard Widrow, Stanford (USA)

- Invited oral presentations

- Free communications as posters

- Panel Discussions:

Prospects of Commercial Neural Net Applications

with representatives from various companies including: (IBM, AT&T Bell
Philips, NESTOR, HNC, Thomson CSF, Hughes, Siemens)

Research Funds and Training Programs for Neural Net Research

with representatives from various American and European Granting Agencies
including: (ONR, AFOSR, NSF, DARPA, BMFT, ESPRIT, BRAIN, MWF)

Publication:

The invited participants deliver a camera-ready manuscript (6-8 pages) at the time of the symposium. The proceedings will appear (several major publishers are highly interested in publishing the book) not later than four months after the symposium (July 1990).

3/89

International Symposium on: Neural Networks for Sensory and Motor Systems

22.-24. March, 1990, Rheinpark Plaza Neuss/Düsseldorf (FRG)

Preliminary List of Invited Participants

(Travel and housing expenses are covered)

Akers, I.A.	/ Solid State Electronics, Arizona State Univ., Tempe	(USA)
Aleksander, I.	/ Computing, Imperial Coll., London	(UK)
Almeida, L.G.	/ Comp. Systems, Univ., Lisboa	(P)
Alspector, J.	/ VLSI Design, Bellcore, Morristown	(USA)
Angeniol, B.	/ Computing, Thomson CSF-DSE, Bagneux	(F)
Arbib, M.	/ Comp. Sci., Univ. S. Calif., Los Angeles	(USA)
Ballard, D.H.	/ Comp. Sci., Univ., Rochester	(USA)
Barhen, J.	/ Neural Syst., Jet Prop. Lab., Pasadena	(USA)
Barto, A.G.	/ Computing, Univ. Mass., Amherst	(USA)
Bienenstock, E.	/ Neurobiol., Univ. Paris-Sud, Paris	(F)
Boulard, M.	/ Speech Lab., Philips, Bruxelles	(B)
Brooks, R.A.	/ Artif. Intell., MIT, Cambridge	(USA)
Büttner, W.	/ AI Res., Siemens, München	(FRG)
Bullock, D.	/ Adapt. Syst., Univ., Boston	(USA)
Burnod, Y.	/ Neurobiol., Inst. Pasteur, Paris	(F)
Cooper, L.N.	/ Physics, Brown Univ. + NESTOR, Providence	(USA)
Cynader, M.S.	/ Ophthal., Univ. B.C., Vancouver	(CAN)
Dreyfus, G.	/ Electron., ESPCI, Paris	(F)
Eckmiller, R.	/ Biophysics, Univ., Düsseldorf	(FRG)
Van Essen, D.	/ Biol., Caltech, Pasadena	(USA)
Fetz, E.	/ Physiol., Univ. Wash., Seattle	(USA)
Fogelman, F.	/ Informatics, Univ., Paris	(F)
Fukushima, K.	/ Tech. Res., NHK, Tokyo	(JAPAN)
Garth, S.	/ Res. Lab., Texas Instr., Bedford	(UK)
Geiger, H.	/ Automation, Kratzer Automat., Unterschleissheim	(FRG)

Grossberg, S.	/ Math., Univ., Boston	(USA)
Hammerstrom, D.	/ Comp. Sci., Oregon Grad. Ctr., Beaverton	(USA)
Hartmann, G.	/ Electr. Eng., Univ., Paderborn	(FRG)
Hecht-Nielsen, R.	/ Comput. Prod., HNC Inc., San Diego	(USA)
Jackel, L.D.	/ Microelectr., AT&T Bell Labs., Holmdel	(USA)
Johnson, K.	/ Comp. Prod., Hughes Aircraft, Canoga Park	(USA)
Jordan, M.	/ Brain Sci., MIT, Cambridge	(USA)
Kawato, M.	/ Biophys. Eng., Univ., Osaka	(JAPAN)
Klopf, A.H.	/ Aeronaut., Air Force Labs., Wright-Patterson AFB	(USA)
Koch, C.	/ Biol., Caltech, Pasadena	(USA)
Koenderink, J.J.	/ Physics, Univ., Utrecht	(NL)
Kohonen, T.	/ Comp. Sci., Tech. Univ., Espoo	(FINLAND)
Kosko, B.	/ Image Proc., Univ. S. Calif., Los Angeles	(USA)
Kuperstein, M.	/ Robot. Prod., NEUROGEN, Brookline	(USA)
Lauria, F.E.	/ Informatics, Univ., Napoli	(I)
Linsker, R.	/ Neural Res., IBM Watson Res. Ctr., Yorktown Heights	(USA)
v.d. Malsburg, C.	/ Comp. Sci., Univ. S. Calif., Los Angeles	(USA)
Mead, C.A.	/ El. Eng., Caltech, Pasadena	(USA)
Morasso, P.	/ Comp. Sci., Univ., Genoa	(I)
Opitz, R.	/ Systems Res., IBP Pietsch, Ettlingen	(FRG)
Palm, G.	/ Theor. Brain Res., Univ., Düsseldorf	(FRG)
Pellionisz, A.J.	/ Biophysics, NYU Med. Ctr., New York	(USA)
Poggio, T.A.	/ Art. Intell., MIT, Cambridge	(USA)
Ramacher, U.	/ Comp. Hardware, Siemens, München	(FRG)
Ritter, H.	/ Physics, Tech. Univ., München	(FRG)
Rolls, E.T.	/ Psychol., Univ., Oxford	(UK)
Rumelhart, D.E.	/ Psychol., Univ., Stanford	(USA)
v. Seelen, W.	/ Neuroinf., Univ., Bochum	(FRG)
Sejnowski, T.J.	/ Comp. Neurosci., Salk Inst., San Diego	(USA)
Steinbuch, K.	/ Research, TH Karlsruhe, Ettlingen	(FRG)
Thakoor, A.P.	/ Comp. Hardware, Jet Prop. Lab., Pasadena	(USA)
Treleaven, P.C.	/ Comp. Sci., Univ. College, London	(UK)
Widrow, B.	/ El. Eng., Univ., Stanford	(USA)
Zeevi, Y.Y.	/ El. Eng., Technion Inst. Technol., Haifa	(ISRAEL)
Zucker, S.W.	/ Intell. Mach., McGill Univ., Montreal	(CAN)

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990, 543-6061 or 543-2150
FAX: (206) 543-3842; marks@blake.acs.washington.edu*

March 20, 1989

Daniel L. Alspach, Ph.D.
President
Oceanic Engineering Society
ORINCON Corporation
9363 Towne Centre Drive
San Diego, CA 92121

Dear Dr. Alspach:

Thank you for your recent letter concerning the interest of the Oceanic Engineering Society in joining the IEEE Neural Network Committee (NNC). Enclosed is a copy of the NNC Charter to which member societies must agree to adhere. After appropriate review, please return a signed copy to me.

As you can see from the Charter, new membership in the NNC requires a two-thirds majority vote of current members. This vote will be taken at the next NNC meeting at the IJNNC (formerly the ICNN) in Washington, D.C. in June 1989. The NNC would have no objection to no more than two appointed member representatives from your Society attending the next NNC meeting. If your membership is approved, they can participate in the remainder of the meeting as voting members.

Until then, I will be sending you the same correspondence that is sent to NNC members, including more details on the NNC meeting in D.C.

Sincerely,



Robert J. Marks II
NNC Chairman pro tem

Enclosure



IEEE THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS INC.

NEW YORK FAX 345 E. 47th St. (212) 752-4929	NEW YORK FAX 820 Second Ave. (212) 682-6005	NEW JERSEY FAX 445 Hoes Lane (201) 981-0027	WASHINGTON FAX 1111 19th St. NW (202) 785-0835
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FAX TRANSMITTAL COVER SHEET

TO: Richard Marks DATE: 6/14/89

COMPANY: _____ TIME: 12:00 AM PM

X NO. 206-543 3842 NO. OF PAGES 2
(Including this sheet)

FM: E. Henry DEPT. IEEE

PAGES ARE NOT RECEIVED PROPERLY, PLEASE CALL: (212) 705 7910

ROUTING INSTRUCTIONS

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 - CALL WHEN COMPLETED
 - NORMAL PROCESSING
 - OTHER _____
- _____
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IJCNN '89
International Joint Conference on Neural Networks
Finance Committee
Nicholas DeClaris, Chairman
Maureen Caudill, Vice Chair
Jean McCausland, Comptroller

October 9, 1989

Dr. Robert W. Newcomb, Chairman
IJCNN89 Oversight Committee
Electrical Engineering Department
University of Maryland
College Park, MD 21042

Dear Bob:

It gives me great pleasure to advise you that the IJCNN89 Conference has proved to be a huge success.

I have just concluded a preliminary review of the Controller's Financial Transactions (from our Committee's Bank Statements) and prepared a CONFIDENTIAL Summary - copy attached. On the basis of my review, I am declaring a surplus of \$194,000, which at the request of Bob Marks, I am now distributing equally to the NNC and INNS, as per our signed agreement that created the IJCNN, subject to the condition that any future IJCNN89 Finance Committee approved expenditures exceeding the contingency fund (provided in my Summary) will be paid in equal amounts by NNC and IJCNN.

Finally, I am concluding arrangements for the audit of our books and the issuance of a Financial Report by an auditing firm of national standing. It is expected that it will be completed on or before December 22, 1989.

Sincerely,



Nicholas DeClaris, Chairman

ND/kh

Enclosure: (1)

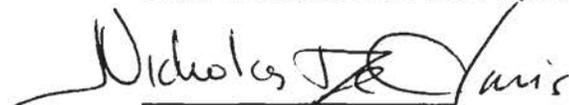
cc: Dr. Robert Marks, II, NNC Chair
Dr. Bernard Widrow, INNS President

IJCNN 89 FINANCE COMMITTEE

Summary of Financial Transactions
(Estimated on the Basis of Bank Statements)
October 9, 1989

	<u>CREDITS</u>	<u>DEBITS</u>
"Seed" Deposits	41,000	
Registration & Fees Deposits		
Checks	612,466	
Cash	32,697	
Interest Earned	7,457	
"Seed" Refunded		41,000
Registration & Fees Refund		
Bank debited		6,072
Conference Expenses for:		
On-Site Meeting Management Advance		10,000
Hotel (paid in full)		137,577
Checks for Invoices & Refunds		280,373
Pending (Estimated)		16,500
Surplus (Estimated)		
Check to NCC		97,000
Check to INNS		97,000
Contingency (for future distribution)		8,098
Totals	<u>693,620</u>	<u>693,620</u>

CONFIDENTIAL
FOR COMMITTEE USE ONLY


Nicholas DeClariss, Chairman

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990, 543-6061 or 543-2150
FAX (206) 543-3842; marks@blake.acs.washington.edu*

2/7/89

Patricia Penick
IEEE Publications
345 E 47th St.
New York, NY 10017-2394
(212) 705-7550
FAX (212) 705-7682

Dear Ms. Penick:

The *IEEE Neural Networks Committee (NNC)* has formally approved the submission of the *Proposal for Publication of the IEEE Transactions on Neural Networks* mailed to you previously.

In the review of our proposal, the following developments and clarifications may prove useful:

1. The *NNC Publications Subcommittee* has nominated Dr. Herbert E. Rauch* to be the Editor-in-Chief of the *Transactions*. As Chairman pro tem of the *NNC*, I fully support this nomination. Dr. Rauch has tentatively expressed a willingness to accept this position.
2. The subject proposal clearly states that the proposed *Transactions* is to be sponsored by the *NNC*. Inherent in this sponsorship is the responsibility of the *NNC* to cover any deficits incurred by the *Transactions* from its own funds.
3. A high priority item for the *NNC* is pursuance of a Council status within *IEEE*.

I will be in my office during the review of the proposal and will be available to answer any questions concerning the proposal. Please contact me at the above number.

Sincerely,



Robert J. Marks II
NNC Chairman pro tem

* *Lockheed Missiles & Space Company Inc.*
Lockheed 92-20/254 E
Research and Development
3251 Hanover Street
Palo Alto, California 94304
(415) 242-2704

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990, 543-6061 or 543-2150
FAX (206) 543-3842; marks@blake.acs.washington.edu*

2/7/89

Patricia Penick
FAX (212) 705-7682

Dear Ms. Penick,

The original of this FAX message is being sent to you in overnight mail.

Sincerely,



Robert J. Marks II
Professor

THERE ARE TWO PAGES IN THIS FAX MESSAGE.

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990, 543-6061 or 543-2150
FAX (206) 543-3842; marks@blake.acs.washington.edu*

1/12/89

Dear *IEEE Neural Networks Committee (NNC)* Members,

The *NNC Publications Subcommittee* has crafted the enclosed proposal for an *IEEE Transactions on Neural Networks*. By computer mail, FAX or conventional mail, please vote *yes*, *no* or *abstain* on the following motion:

THE (ATTACHED) PROPOSAL FOR AN **IEEE TRANSACTIONS ON NEURAL NETWORKS**
SHOULD BE PRESENTED TO **IEEE** FOR APPROVAL.

Evangelia Tzanakou has agreed to serve as the *NNC's* Secretary pro tem until the *NNC* elections in June at the first *IJCNN*. Please submit your vote to her:

Evangelia Tzanakou
Biomedical Engineering
Rutgers University
P.O. Box 909
Piscataway, NJ 08854
(201) 932-2037
FAX: (201) 932-5313
etzanako@elbereth.rutgers.edu

The members of the *NNC Publications Subcommittee* are listed in the yellow section of the recent rainbow document you received.

BACKGROUND:

- ◆ There is a sense of urgency in this matter due to the scheduled meeting of the *IEEE Publications Committee* on February 15th and their request to receive a copy of the proposal by mid January. If the proposal is approved at this and subsequent approval stages at *IEEE*, the *Transactions* could be published in 1990. If this meeting is missed, publication, at the earliest, could begin in 1991. With this in mind, the *NNC Publications Subcommittee* has unanimously voted to proceed as follows:
 - Submit the proposal to the *IEEE Publications Committee* by the mid January deadline.
 - In parallel, hold a mail ballot vote among *NNC* members concerning the proposal with the understanding that if a majority favorable vote was not received by mid February, I would request that the proposal be taken off of the agenda of the ballot of the *IEEE Publications Committee* meeting. This is explained in the enclosed cover letter to Patricia Penick

- ◆ My understanding is that the proposal will also have to be approved by the *IEEE Technical Activities Board (TAB)*. Each *IEEE* Society President is a voting member of the *TAB*. Thusfar, there has been positive input concerning a neural networks *Transactions* from three of the Society Presidents whose organizations are represented on the *NNC*.
- ◆ The enclosed proposal requires the appointment of an Editor-in-Chief. Any nominations for potential candidates would be useful.

I believe (and hope) this will be the final mail ballot prior to our next meeting in D.C. in June. Thank you for your attention and speedy response. FYI, the proposal for the INNS-ICCN merger received 16 votes - all *yeah*.

Sincerely,

Robert J. Marks II
NNC Chairman pro tem

cc: Society Presidents

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990, 543-6061 or 543-2150
FAX: (206) 543-3842; Marks@uw-isdl.ee.washington.edu*

December 5, 1988

Robert W. Newcomb
Microsystems Laboratory
Electrical Engineering Department
University of Maryland
College Park, MD 20742

Herbert E. Rauch
Lockheed
Dept. 92-20, Bldg. 254E
3215 Hanover Street
Palo Alto, CA 94304

Evangelia Tzanakou
Biomedical Engineering
Rutgers University
P.O. Box 909
Piscataway, NJ 08854

Greetings!

At the NNC meeting in Denver, Troy Nagle has appointed us as the members of a Committee to investigate NNC publications. Since I was the only Committee member in attendance, I was appointed chair.

Our charter is two-fold. First, we are instructed to consider various publication alternatives, including a transaction, and publication of annual collections of good neural network papers. I, personally, favor Herb's proposal for a transaction (attached). Note that publication would not start until 1990. An annual anthology is a good idea if we can find a good editorial board. If you have any strong feelings on this subject, please let me know.

Secondly, we are directed to solicit the opinions of the Ad Com's of member societies concerning publication of neural network transactions. This solicitation should be done as soon as possible. I have drafted the attached letter which I propose that we send to the member society Presidents. If we decide to solicit opinions in this manner, I would like to mail these in early January. Therefore, if you have any additional suggestions (I hope you do), please let me know this year.

I suggest that our Committee meet briefly at ICNN '89 prior to the NNC meeting so that we can present unified recommendations to the NNC. I'll coordinate this with you later.

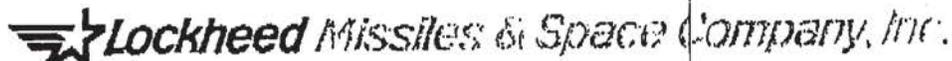
Sincerely,

A handwritten signature in cursive script that reads "Robert J. Marks II/cc". The signature is written in dark ink and is positioned to the right of the typed name.

Robert J. Marks II
Professor

RJM:cc

Attachments



Research and Development
3251 Hanover Street, Palo Alto, California 94304

November 22, 1988

FACSIMILE MESSAGE FROM

HERBERT E. RAUCH
Lockheed 92-20/254 E
3251 Hanover Street
Palo Alto, CA 94304 USA

(415)424-2704 FAX (415)424-3333

SUBJECT IEEE NEURAL NETWORK COMMITTEE

I will be unable to attend the Meeting of the IEEE Neural Network Committee on Monday November 28 in Denver Colorado. Attached is the two page proposal for IEEE Transactions on Neural Networks. I am sending copies to Robert Marks (Secretary) and Kristina Johnson (Local). Please have copies made so the NN Committee can discuss this. Also, please have this item added to agenda. Telephone me to discuss questions. (I have message to Marks and Johnson to telephone me).

MESSAGE IS THREE PAGES INCLUDING THIS PAGE

MESSAGE TO

Robert J. Marks
Electrical Engineering, FT-10
University of Washington
Seattle Washington 98195
Telephone (206)543-6990
FAX (206)543-3842

ld.



CONTROL SYSTEMS SOCIETY

MEMORANDUM

To IEEE Neural Network Committee

From Herbert E. Rauch

Herbert E. Rauch, Editor
IEEE CONTROL SYSTEMS MAGAZINE
Lockheed 92-20/254 E
3251 Hanover Street
Palo Alto, CA 94304 USA
(415) 424-2704
November 22, 1988

Subject Proposal for IEEE Transactions on Neural Networks

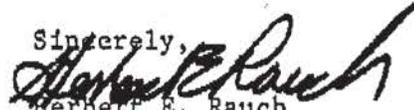
Introduction and Summary At the July 1988 meeting of the IEEE Neural Network Committee in San Diego, Troy Nagle asked me to prepare a proposal for an IEEE Neural Networks Transactions (or Journal) to present at the November 1988 meeting in Denver. I am unable to attend the meeting, so this memorandum represents the proposal which includes a budget for a quarterly starting early in 1990. The time line is (1) tentative approval by the Neural Network Committee in Denver, (2) subsequent approval in the next few months by constituent societies, (3) at the same time preparation of detailed editorial plans (including Editor-in-Chief, Editors, Associate Editors, etc.), (4) presentation to IEEE Publication Board, TAB Finance Board, and TAB Periodicals Board, by end of February 1989, and (5) publication starting first quarter in 1990.

Proposed Publication The attached budget for 1990 shows that a quarterly with 5000 copies and 208 pages for the year (four times 48 pages plus covers) can have a potential surplus of \$24K for the year. The 5000 copies would be from 4000 subscribers from IEEE Societies (at \$10 per year) and 1000 subscribers from the IEEE Transactions package (which is "guaranteed" at a total of \$32 K). The 4000 IEEE subscribers would compare to the approximately 3,500 current subscribers to the Journal of the International Neural Network Society. The attached budget shows that increasing the proposed number of pages from 208 to 320 would decrease the potential surplus from \$24K to \$14K. The budget also shows the effect of 3000 subscribers and 7000 subscribers as compared to 5000 subscribers with more subscribers increasing the potential surplus.

Editorial Procedure The papers for the initial issues can be obtained from individual solicitation and from papers submitted to the 1989 IEEE International Conference on Neural Networks which has "final" papers due by March 1989. Obtaining the papers for the initial issues will be a real challenge for the Editor-in-Chief, but after the "pipeline" is filled, the publication effort will settle somewhat. It is suggested that there be one "Editor-in-Chief" plus several "Editors" (who will represent the several facets of Neural Network efforts) plus a number of Associate Editors. The Editor would have a budget of \$10K for secretary, etc.

THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.

Action Item If the IEEE Neural Network Committee gives approval to the proposal for an IEEE Neural Networks publication starting in 1990, then additional approval can be solicited from the societies and work can begin on the efforts needed to start the publication. In particular, a more detailed proposal needs to be prepared for the IEEE Boards, and decisions need to be made concerning proposed Editors. I volunteer to help with these activities. My suggestion is that a committee be appointed (perhaps three people) with suggestions from the attendees in Denver, and this committee begin to contact candidate Editors.

Sincerely,

 Herbert E. Rauch

FOR 1990 CALENDAR YEAR
Preliminary Budget for Proposed IEEE Transactions on Neural Networks

Note: Information obtained from IEEE Staff- Melvin Olken (212)705-7178 from Technical Activities Department and Otto Vathke (212)705-7551 from Publications Department. The expense numbers obtained from Otto Vathke were for 1989 so they have been increased by 5% to represent costs in 1990.

Pages	208	208	208	320
Copies	3K	5K	7K	5K
<u>INCOME</u>				
Transactions Package (1000 copies)	\$32K	\$32K	\$32K	\$40K
Subscribers (\$10 per year)	\$20K	\$40K	\$60K	\$40K
<u>INCOME TOTAL</u>	<u>\$52K</u>	<u>\$72K</u>	<u>\$92K</u>	<u>\$80K</u>
<u>EXPENSES</u>				
IEEE Publications	\$34K	\$38K	\$42K	\$56K
Editor Expenses	\$10K	\$10K	\$10K	\$10K
<u>EXPENSES TOTAL</u>	<u>\$44K</u>	<u>\$48K</u>	<u>\$52K</u>	<u>\$66K</u>
<u>POTENTIAL SURPLUS</u>	<u>\$8K</u>	<u>\$24K</u>	<u>\$40K</u>	<u>\$14K</u>

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

Department of Electrical Engineering, FT-10
Telephone: (206) 543-2150

DRAFT

Dr. Twinky Star, President
IEEE Perpetual Motion Society
University of Hamburger Technology
Creamcheese, Utah 22310

Dear Dr. Star:

The IEEE Neural Network Committee (NNC) is appreciative of your society's representation and participation in the Committee's activities. The response to our International Conference on Neural Networks these last two years has been spectacular.

I write on behalf of an ad hoc committee appointed by the NNC Chair to solicit the opinion of your society on an IEEE neural networks transaction. We feel that such a publication would be an invaluable service to our constituents. Our desire is also to be sensitive to any impact that such a publication would have on our member societies. Ideally, we would like a response that is reflective of the collective opinion of your Ad Com.

The next meeting of the NNC is scheduled for June '89. Therefore, if your wish is to provide input on this matter, it would be very helpful if you did so by the end of May.

Sincerely,

Robert J. Marks II
NNC Secretary

RJM:cc

cc: Ad hoc committee members:
Robert W. Newcomb
Herbert Rauch
Evangelia Tzanakou



CONTROL SYSTEMS SOCIETY

Herbert E. Rauch, Editor
IEEE CONTROL SYSTEMS MAGAZINE
Lockheed 92-20/254 E
3251 Hanover Street
Palo Alto, CA 94304 USA
(415) 424-2704
December 14, 1988

Robert Marks
University of Washington

Dear Bob,

Here is the first cut at the proposal. I will talk with you on Tuesday at about 10 PM (following our plan). My suggestion is that:

- (1) you make changes in this and have it typed up as soon as possible (single space whereas my draft is double space to facilitate your changes).
- (2) By the end of the week you send one copy of this first draft plus the copy of the Journal proposal on which this is based to Robert Newcomb and Evangelia Tzanakou and ask for their comments by the first week in January.
- (3) As soon as you get their comments back (plus what you and I can add) we send the DRAFT copy to all society presidents (with copies to the ~~two~~ members of the NNC) asking for their comments. By then we should know the schedule better, so we can give them a date to respond.
- (4) The final version goes to IEEE Publications

I hope all this seems okay to you.
We will talk on Tuesday.

Regards

A handwritten signature in cursive script, appearing to read "Herb", with a long horizontal stroke extending to the right.

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON

Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990, 543-6061 or 543-2150
FAX: (206) 543-3842; marks@blake.acs.washington.edu

December 15, 1988

TO: NNC Publications Subcommittee Members

Robert W. Newcomb
FAX: (301) 454-1837

Evangelia Tzanakou
FAX: (201) 932-5313

Herb Rauch
FAX: (415) 424-3333

This is a follow-up to our phone conversation. Please look over the attached letter and proposal and see if you concur with the contents. I would like to get it in the mail by Tuesday of next week if it is the consensus of this Subcommittee.

Both the letter and the proposal were drafted by Herb. He did a superb job.

Sincerely,


Robert J. Marks II
NNC Publications Subcommittee, Chair

RJM:cc

Attachments

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

Department of Electrical Engineering, FT-10
Telephone: (206) 543-2150

DRAFT

Dr. Twinky Star, President
IEEE Perpetual Motion Society
University of Hamburger Technology
Creamcheese, Utah 22310

Dear Dr. Star:

The IEEE Neural Network Committee (NNC) is appreciative of your society's representation and participation in the Committee's activities. The response to our International Conference on Neural Networks these last two years has been spectacular.

I write on behalf of an ad hoc committee appointed by the NNC Chair to solicit the opinion of your society on an IEEE neural networks transaction^s. We feel that such a publication would be an invaluable service to our constituents. Our desire is also to be sensitive to any impact that such a publication would have on our member societies. Ideally, we would like a response that is reflective of the collective opinion of your Ad Com.

The next meeting of the NNC is scheduled for June '89. Therefore, if your wish is to provide input on this matter, it would be very helpful if you did so by the end of May.

Sincerely,

Robert J. Marks II
NNC Secretary

RJM:cc

cc: Ad hoc committee members:
Robert W. Newcomb
Herbert Rauch
Evangelia Tzanakou

Bob, This sounds interesting. I do think it would be best to indicate something about the involvement required from each society and how the transactions would interface with the society's own transactions. For example maybe Rauch's Memorandum (you have cleaned up a bit) could be sent along as an attachment. This was awaiting my return from the CDC in Austin, TX, and there several people talked to me about increasing their own society's neural networks publications and opening a new transactions! Best wishes of the season,

2/1/89

~~2/1~~

TO: Herb Rauch
From: Bob Marks

The Transactions proposal passed the NNC. (I called Penick. She wasn't there, but I left message that it had passed). Evangelia ok'd Goodman or Caulfield, and suggested Newcomb. (Penick said identification of one would help).

School here is closed for the rest of the week due to weather. I'm going home!
If you would like to ask:

Goodman

or Caulfield or Newcomb, its ok.
I won't be able to probably before Monday.

My home# is (206) 776-8995.

Feel free to call

Bob Marks

To: T.NAGLE (CMP0066)
Bc: E.HERZ (IEEE031)
From: E.HERZ (IEEE031) Delivered: Wed 14-June-89 11:43 EDT Sys 134 (31)
Subject: IEEE/INNS NEURAL NET.CONF
Mail Id: IPM-134-890614-105460866

To: Troy Nagle

Subject: IEEE/INNS Neural Network Conference

Troy:

Mel Olken just offered to me for signature the Neural Networks conference budget and I don't think I should sign it with certain important things undecided. According to Mel, ownership of the conference record has not been established. Not only is this poor strategy but it has a high potential for conflict. Most of the time, IEEE (societies, regions, etc.) have taken a strong position about IEEE ownership of the conference records, including copyright, etc. Often agreements had to be negotiated about the distribution of surplus as a result of conference record sales. Apparently, this has not yet occurred. Is the IEEE Neural Networks committee in such a weak position that they cannot prevail? I strongly urge that IEEE negotiate this successfully and not sign away our "rights." Do you need help? The meeting is in five days.

Eric Herz

Lockheed Missiles & Space Company, Inc.

Research and Development
3251 Hanover Street, Palo Alto, California 94304-1191

JUNE ~~12~~ 13, 1989

To

From

Robert Marks
Electrical Engineering FT-10
University of Washington
Seattle, WA 98195

HERBERT E. RAUCH
Lockheed 92-20/254 E
3251 Hanover Street
Palo Alto, CA 94304 USA

Phone (206) 543-6990
FAX (206) 543-3842

Phone (415) 424-2704
FAX (415) 424-3333

THREE

There are ~~two~~ pages on this FAX Transmission including this one.

BOB, HERE IS ~~THE~~

① ADVANCE COPY OF MY REPORT
TO NN COMMITTEE

PLUS

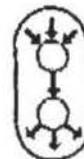
② LIST OF ASSOCIATE EDITORS
WITH TWO NEW ONES
ON RIGHT

KIRKPATRICK
AND OJA





NEURAL NETWORKS



Herbert E. Rauch, Editor
IEEE TRANSACTIONS ON
NEURAL NETWORKS
Lockheed 92-20/254 E
3251 Hanover Street
Palo Alto, CA 94304 USA
(415) 424-2700

June 15

List of Associate Editors as of ~~May 15~~, 1989

Prof. Bart A. Kosko
Dept. of Electrical
Engrg.-Systems
University of Southern
California
Los Angeles CA90089

Scott Kirkpatrick
IBM Research Center
Yorktown Heights NY 10598

Prof. Panos Antsaklis
Dept. of Electrical and
Computer Engineering
University of Notre Dame
Notre Dame IN 46556

Michael Kuperstein
Neurogen, Inc.
325 Harvard St., Suite 202
Brookline MA 02146

Professor Erkki Oja
Technical University
of Lappeenranta
P.O. Box 20
53851 Lappeenranta
FINLAND

Prof. Nicholas DeClaric
8518 Beauford Drive
Fulton MD 20759

Prof. Anthony N. Michel
College of Engineering
University of Notre Dame
Notre Dame IN 46556

Rolf Eckmiller
Department of Biophysics
Division of Biocybernetics
University of Dusseldorf
D-4000 Dusseldorf 1
FEDERAL REPUBLIC OF GERMANY

Prof. Demetri Psaltis
Electrical Engineering Dept.
M/S 116-81
California Institute of
Technology
Pasadena CA 91125

C. Lee Giles
AFOSR/NE
Building 410
Bolling AFB, DC 20332

Jay P. Sage
MIT Lincoln Laboratory
Room B-438
P.O. Box 73
Lexington MA 02173

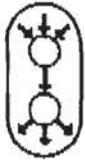
Prof. K. S. Narendra
Engineering and Applied
Science Department
Yale University
New Haven CT 06520

Donald F. Specht
Lockheed 91-10/256
3251 Hanover St.
Palo Alto CA 94304

Prof. Evangelia Tzanakou
Biomedical Engineering
Rutgers University
P.O.Box 909
Piscataway NJ 08854



NEURAL NETWORKS



Herbert E. Rauch, Editor
IEEE TRANSACTIONS ON
NEURAL NETWORKS
Lockheed 92-20/254 E
3251 Hanover Street
Palo Alto, CA 94304 USA
(415) 424-2704
June 12, 1989

TO IEEE Neural Networks Committee
and Other Interested Parties

SUBJECT IEEE Transactions on Neural Networks

STATUS The IEEE Transactions on Neural Networks will begin publication as a quarterly in 1990 with 320 pages (an average of 80 pages per issue). It is anticipated that the first issue will come out in March 1990, and in order to meet this deadline we have begun soliciting selected papers.

MANAGEMENT The management of the Transactions is vested in an Editorial Board with one member from each IEEE society that is a member of the Neural Networks Committee. When a member society appoints two members to the Neural Networks Committee, one of these is designated a member of the Editorial Board. In addition, the Transactions has an Executive Advisory Board, composed of distinguished leaders in the neural network field, to help guide the editorial policy of the Transactions. The six members of the Executive Advisory Board are Shun-ichi Amari, Leon Cooper, Robert Hecht-Nielsen, Teuvo Kohonen, Carver Mead, and Bernard Widrow.

ASSOCIATE EDITORS Thus far there are fourteen "action" Associate Editors. I will try to allocate papers to the Associate Editors so their average work load is about one paper per month. It may be that additional Associate Editors will be appointed if some areas turn out to need more coverage

RAPID PUBLICATION The Transactions will also contain a Letters section dedicated to rapid publication of short correspondences concerning new research results. The Scope of the Transactions is listed below.

SCOPE

The IEEE Transactions on Neural Networks will publish high quality technical papers in the science and technology of neural networks which disclose significant technical achievements, exploratory developments and applications of neural networks from theory to software to hardware. Emphasis will be given to artificial neural networks. Specific acceptable categories include the following aspects of neural networks: adaptive systems, self organizing systems, network dynamics, network architectures, learning algorithms, associative memories, image processing, vision, speech recognition, robotics and controls, novel applications, combinatorial optimization, optical implementation, and electronic implementation.

IJCNN '89
International Joint Conference on Neural Networks
Finance Committee

Nicholas DeClaris, Chairman
Maureen Caudill, Vice Chair
Jean McCausland, Comptroller

October 20, 1989

Reply: University of Maryland
School of Medicine
Howard Hall, Rm. 150
660 West Redwood Street
Baltimore, MD 21201

Drs. Allen Stubberud and Wesley E. Snyder
Co-Chairmen, IJCNN89 Conference
University of California at Irvine
and North Carolina State University

Dear Al and Wes:

Congratulations! The IJCNN89 Conference was a huge success. The enclosed report summary of Financial Transactions tells the story. There is an additional sum of \$21,000 to \$27,000 expected from the IEEE Headquarters - payment for the 750 sets of Conference Proceedings we shipped to them in 2 volumes (as you recall, this shipment figure came as a result of our examining the printing expenditure at the time of the advance requested for the printer). Thus, the overall surplus for the Conference is expected to exceed \$210,000. Not bad an initial investment (at risk) of only \$41,000.

We are now in the final stages of closing down the activities of the Finance Committee. There are a number of questions that must be answered before we can prepare our final report. NNC and INNS have each received \$97,000 to date. Also, Dr. Robert Newcomb, chairman of the IJCNN Oversight Committee, has been notified of the Financial Preliminary Transactions of our Committee (as required for the Agreement signed earlier this year). For your information, I am also inclosing a block diagram of the Financial Transactions Structure that we employed to provide financial expenditure control.

Best regards...

Sincerely,



Nicholas DeClaris
Chairman

Enclosures (2)
NDC/pja

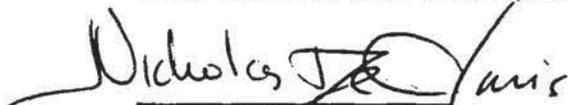
cc: Dr. R.W. Newcomb
Dr. Robert J. Marks, II
Dr. Irving Ingleson

LICNN 89 FINANCE COMMITTEE

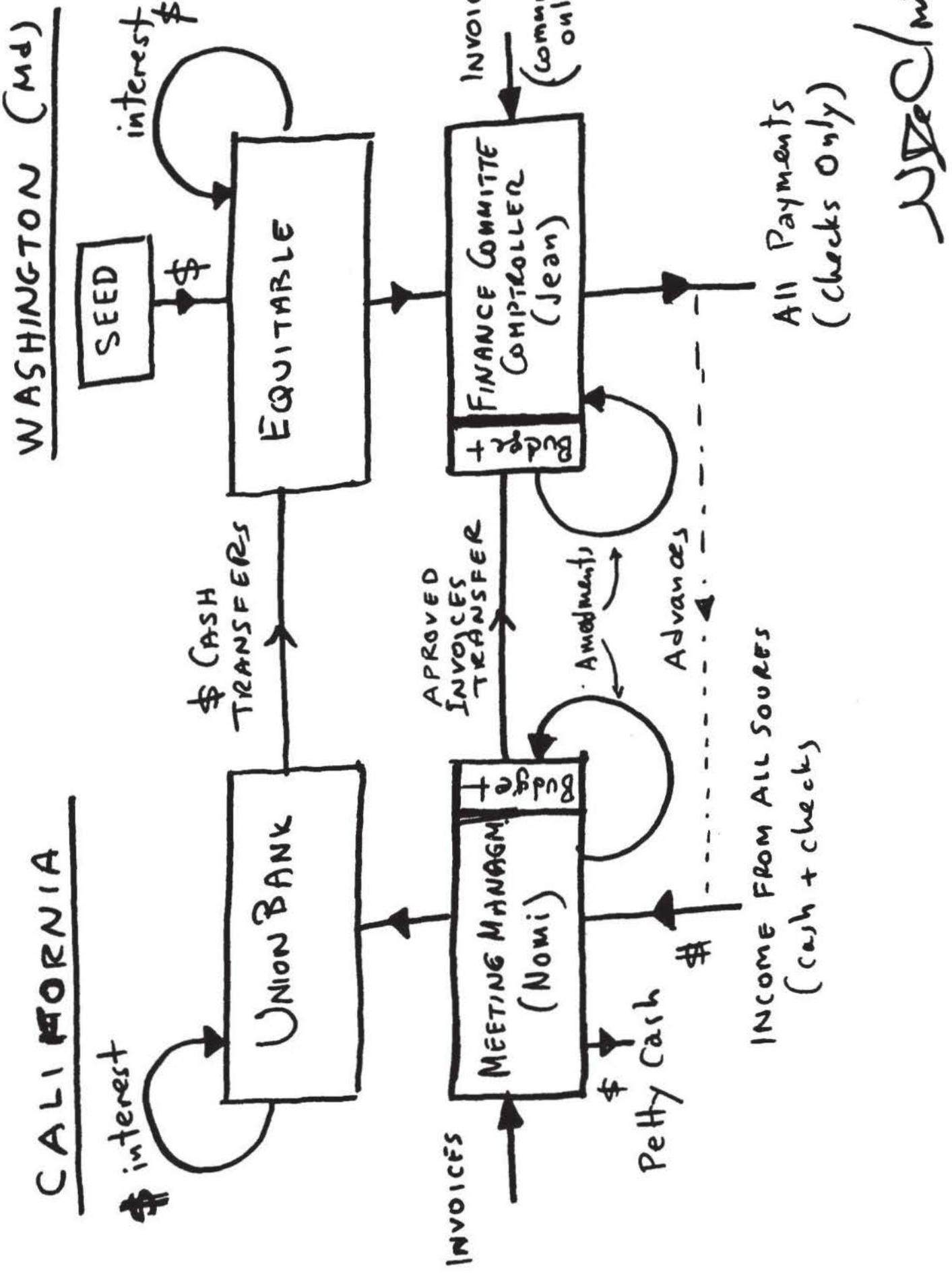
Summary of Financial Transactions
(Estimated on the Basis of Bank Statements)
October 9, 1989

	<u>CREDITS</u>	<u>DEBITS</u>
"Seed" Deposits	41,000	
Registration & Fees Deposits		
Checks	612,466	
Cash	32,697	
Interest Earned	7,457	
"Seed" Refunded		41,000
Registration & Fees Refund		
Bank debited		6,072
Conference Expenses for:		
On-Site Meeting Management Advance		10,000
Hotel (paid in full)		137,577
Checks for Invoices & Refunds		280,373
Pending (Estimated)		16,500
Surplus (Estimated)		
Check to NCC		97,000
Check to INNS		97,000
Contingency (for future distribution)		8,098
Totals	<u>693,620</u>	<u>693,620</u>

CONFIDENTIAL
FOR COMMITTEE USE ONLY

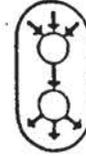

Nicholas DeClaris, Chairman

IJCNN89 FINANCE-FLOW (All transactions)





NEURAL NETWORKS



Robert J. Marks II, Chairman
IEEE Neural Networks Committee
UNIVERSITY OF WASHINGTON, FT-10
DEPT. OF ELECTRICAL ENGINEERING
SEATTLE, WASHINGTON 98195 USA
(206) 543-6990: FAX (206) 543-3842
Messages (206) 543-2150: Home (206) 776-8995
marks@blake.acs.washington.edu

10-19-89

Dr. Irving Engelson
IEEE Service Center
445 Hoes Lane
P.O. Box 1331
Piscataway, NJ 08855-1331
(201) 562-3850 (O)

Dear Irv:

I have received three checks from Nick DeClaris from the surplus of the *1989 International Conference on Neural Networks (IJCNN)*:

#	amount	bank	payable to:
1	\$15,882.43	San Diego	NNC
2	\$78,117.57	Baltimore	NNC
3	\$97,000.00	Baltimore	INNS

where NNC is the *IEEE Neural Networks Committee* and INNS, the *International Neural Networks Society*, is the co-sponsor of the IJCNN. The INNS is to receive 50% of the conference surplus.

Checks #1 and 2 were sent to Mel Olken for deposit in the NNC account at IEEE. Check #3 was not signed by the required two conference officers. Dr. DeClaris has contacted the Maryland Bank and has offered to sign the check when it arrives there. As you can see in the attached letter to Bernard Widrow, INNS President, the INNS prefers that you provide the second signature.

I request that you initiate an audit of the subject conference using the firm of *Coopers and Lybrand*. This request has been approved by the officers of the NNC (Russ Eberhart, Treasurer and Prof. Evangelia Tzanakou, Treasurer). Dr. Widrow has also approved this procedure.

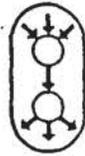
Sincerely,

Robert J. Marks II, Chair
IEEE Neural Networks Committee

cc: Prof. N. DeClaris, IJCNN
Dr. Russ Eberhart, NNC Treasurer
Prof. E. Tzanakou, NNC Secretary
Ms. Laura Jobmann, IEEE Conference Services
Dr. Mel Olken, IEEE
Prof. R.W. Newcomb, IOC Chair



NEURAL NETWORKS



Robert J. Marks II, Chairman
IEEE Neural Networks Committee
UNIVERSITY OF WASHINGTON, FT-10
DEPT. OF ELECTRICAL ENGINEERING
SEATTLE, WASHINGTON 98195 USA
(206) 543-6990: FAX (206) 543-3842
marks@blake.acs.washington.edu

10-19-98

Dr. Nicholas DeClaris
8518 Beauford Drive
Fulton, MD 20759
FAX:(301) 328-8013

Dear Nick:

The checks you recently mailed to me have been forwarded to the INNS and the NNC - as appropriate. I have also adhered to your request to forward to Jean McClausland the check for her fee.

The officers of the NNC and Dr. Bernard Widrow, President of the INNS, have agreed on a procedure for the auditing of the 1989 IJCNN. Details of this procedure are in the documents enclosed.

Thank you for your call today updating me on the progress of your committee's audit of the conference. The additional delay in the submission of your report is unfortunate.

I request that any suggestions you have for improving financial procedures of future conferences be submitted to Bob Newcomb, Chair of the *IJCNN Oversight Committee* (IOC), for possible consideration by the IOC. Any improprieties concerning the conference of which you are aware should, of course, be documented in your report and communicated to *Coopers & Lybrand* during their audit of the conference.

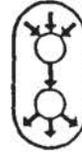
Sincerely,

A handwritten signature in cursive script that reads "Robert J. Marks II".

Robert J. Marks II, Chair
IEEE Neural Networks Committee

cc: Dr. Irv Engleson, IEEE

There are three pages in this FAX transmission. Originals are being sent by surface mail.



NEURAL NETWORKS

Robert J. Marks II, Chairman
IEEE Neural Networks Committee (NNC)
UNIVERSITY OF WASHINGTON, FT-10
DEPT. OF ELECTRICAL ENGINEERING
SEATTLE, WASHINGTON 98195 USA
(206) 543-6990: FAX (206) 543-3842
marks@blake.acs.washington.edu

10-17-89

Prof. Bernard Widrow, President
International Neural Network Society
Department of Electrical Engineering, Stanford University
Stanford, CA 94305

Dear Bernie:

I am delighted to enclose a check for \$97,000 made to the INNS from this summer's IJCNN. As I discussed with you on the phone, the check is not signed by the required two signatures. Prof. DeClaris has offered to sign the check once it reaches the Maryland bank. I have, however, no objection to your requesting that Dr. Irv Engleson at IEEE headquarters be the second signature. For your information, his address is

Dr. Irving Engelson
IEEE Service Center
445 Hoes Lane
P.O. Box 1331
Piscataway, NJ 08855-1331
(201) 562-3850 (O)
FAX: (201) 562-1571

I also propose the following for handling those issues that remain concerning the conference:

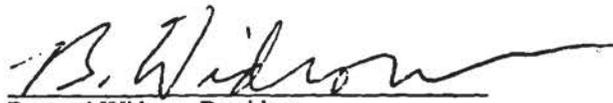
- ◆ Dr. Engleson initiate an audit of the 1989 *International Joint Conference on Neural Networks* using the accounting firm of *Coopers and Lybrand*. The Officers of the NNC have approved this action.
- ◆ The fee for the audit be taken from the surplus of the conference.
- ◆ Maureen Caudill will represent the INNS in the audit to what ever extent appropriate and the NNC will be represented by Russ Eberhart, NNC Treasurer.
- ◆ The INNS and NNC will retain a total of \$60,000 each from the surplus thusfar returned. The remainder of the surplus will be placed in an account for the purpose of paying any outstanding conference expenses. The details of the account location and management are delegated to Maureen Caudill and Russ Eberhart.
- ◆ At the end of the audit by *Coopers and Lybrand*, any remaining balance in the conference account will be divided equally between the NNC and the INNS. The account will be closed no later than December 22, 1989.

Sincerely,

Robert J. Marks II, Chair
IEEE Neural Networks Committee

I have received check #298 for \$97,000 from the *International Joint Neural Network Conference* account at the Equitable Bank in Baltimore, Maryland made to *International Neural Networks Society* and signed by Jean McClausland only. Furthermore, I hereby approve the procedure described above for the handling of the financial matters of the IJCNN.

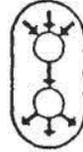
10/17/89
date


Bernard Widrow, President
International Neural Networks Society

cc: Prof. DeClaris, Irv Engleson, Russ Eberhart, Maureen Caudill



NEURAL NETWORKS



Robert J. Marks II, Chairman
IEEE Neural Networks Committee
UNIVERSITY OF WASHINGTON, FT-10
DEPT. OF ELECTRICAL ENGINEERING
SEATTLE, WASHINGTON 98195 USA
(206) 543-6990: FAX (206) 543-3842
marks@blake.acs.washington.edu

11-05-89

Dr. Robert W. Newcomb, Chairman
IJCNN Oversight Committee
Mirosystems Laboratory
Electrical Engineering Dept.
University of Maryland
College Park, MD
FAX (301) 454-1837
301-454-6869

Dr. Bernard Widrow, President
INNS
Information Systems Laboratory
Durand 139
Stanford University
Stanford, CA 94305-4055
FAX (415) 723-8473

Dear Bernie and Bob:

Here is a copy of my effort at a draft of a constitution and by-laws for the IOC. Included in this effort is input from you, Wes Snyder and Herb Rauch.

Please note that approval of this document by the IOC, NNC and INNS does not preclude the review of the NNC/INNS agreement after the January IJCNN.

Sincerely,

A handwritten signature in black ink, appearing to read 'Robert J. Marks II' with a stylized flourish at the end.

Robert J. Marks II, Chair
IEEE Neural Networks Committee

cc: NNC Members
Mel Olken, IEEE
Anthony Ephremides, Division X Director

DRAFT: 11-05-89

CONSTITUTION OF THE IJCNN

OVERSIGHT COMMITTEE

ARTICLE I - Name, Objectives, and Purpose

Section 1. The name of this organization shall be the *International Joint Conference on Neural Networks Oversight Committee* (hereinafter IOC). The IOC shall be governed in accordance to the Constitution and Bylaws of the *Institute of Electrical and Electronics Engineers* (IEEE), the Constitution, Bylaws and the Charter of the *IEEE Neural Networks Committee* (NNC) and the bylaws of the *International Neural Networks Society* (INNS).

Section 2. The objectives of the IOC shall be coordination and oversight of the *International Joint Conferences on Neural Networks* (IJCNN's) in three areas. (i) designation or recommendation of the locations and times of all IJCNN conferences. (ii) monitoring of adherence to this agreement and (iii) oversight of financial matters.

Section 3. The IOC shall have as its purpose the advancement of the theory and practice of Neural Network science and engineering.

ARTICLE II - Membership

Section 1. The IOC shall consist of not more than five representatives each from the IEEE *Neural Networks Committee* (NNC) and the *International Neural Networks Society* (INNS) (These two organizations will hereinafter collectively be referred to as "the Societies".) Each of the ten appointees will be a voting member of the IOC.

Section 2. The Chair of the IEEE *Neural Networks Committee* and the President of the *International Neural Networks Society* will serve as *ex officio* members of the IOC.

ARTICLE III - Management and Officers

Section 1. The officers of the IOC shall be the IOC Chair and Chairman Elect. The officers shall serve for two calendar years, one year as Chairman elect and one year as Chair. The IOC will be Chaired in odd years by an NNC appointee to the IOC and will be Chaired in even years by an INNS appointee. Both Officers will be appointed by the Society which they represent.

Section 2. If an officer must be absent from a meeting, he/she will designate a temporary *pro tem* replacement who is a representative of the same Society. The replacement must be an IOC member.

Section 3. The Chairman Elect shall serve as secretary at IOC meetings.

ARTICLE IV - Powers, Privileges & Duties

Section 1. It shall be the duty of each IOC member to participate in matters placed before IOC.

Section 2. The Chair and Chairman elect shall report to their respective Societies matters concerning IOC activities.

Section 3. The IOC shall monitor IJCNN activities to assure adherence to the regulations in this document, the accompanying bylaws and those referenced in Article I, Paragraph 1.

Section 4. The IOC shall be responsible for designating and recommending locations and times for IJCNN's. This recommendation may including hotel and conference facilities.

Section 5. Unless otherwise specified, all motions placed before the IOC must be approved by a majority vote of the NNC appointees to the IOC and a separate majority vote of the INNS appointees to the IOC. If either the NNC or INNS vote does not receive a majority vote of their respective IOC appointees, the motion is defeated.

ARTICLE IV - Amendments and Agreement Termination

Section 1. Amendments to this Constitution must be approved by the IOC and both Societies.

Section 2. This agreement can be canceled upon written notification of either Society to the President or Chair of the other Society. The President of the INNS and the Chair of the NNC shall have the responsibility of settling any unfinished business already initiated as a result of this document. Upon cancellation, both Society's agree to not use the conference name *International Joint Conference of Neural Networks* or the initials IJCNN. The NNC reserves the exclusive right to use the conference name *International Conference on Neural Networks*.

PROPOSED BY-LAWS FOR THE IOC

Amendments or additions to these by-laws may be made by means of the procedures described in Article IV, Section 1, of the Constitution.

ARTICLE I

RULES OF ORDER

Section 1. In all matters not covered by the Constitution, By-Laws, and Rules, the IOC shall be governed by the latest edition of Robert's Rules of Order.

ARTICLE II

IOC MEETINGS

Section 1. The Chairman shall announce to the members of the IOC all meetings of the IOC at least twenty days in advance of the meeting or by first class mail at least twenty-five days in advance of the meeting.

Section 2. The Chairman elect shall record the attendance and take minutes.

Section 3. Meetings of the IOC may be cancelled only by consent of a majority of all the members of the IOC not less than fourteen days before the original date or the new date set for the meeting, whichever is earlier. Notice of such cancellation or changed date shall be given to all IOC members by mail not less than ten days before the original or the new date, whichever is earlier.

ARTICLE III

IOC RESPONSIBILITIES

Section 1. The IOC shall recommend at least two IJCNN conferences each calendar year. The lead Society for one conference will be the INNS. The NNC will be the lead Society for the other.

Section 2. The IOC shall have the power to establish procedures whereby proposals from potential conference locations can be considered.

Section 3. In order to assure separation of the conference organizing committee from the IOC, the appointment of current IOC members to conference organizing committees is prohibited. The conference organizing committee includes all Chairs listed in Article V of the by-laws. An IOC member can serve on the organizing committee if approved by a four fifths vote by each Society's appointees to the IOC.

Section 4. The IOC shall oversee all IJCNN's in order to assure adherence to the policies & procedures of the organization which they represent. This includes, but is not limited to, assuring that audits are performed on conferences that are acceptable to both Societies.

Section 5. The IOC shall have the power to present to the Societies proposals for other IJCNN's. This includes proposals for participation of other organizations as IJCNN sponsors and their corresponding program and financial commitments. With exception to the conferences cited in Section 1, no conference will be called *The International Joint Conference on Neural Networks* or use the initials IJCNN, without the approval of both Societies.

Section 6. The IOC may bring before the Societies any recommendation for action not covered in the constitution or by-laws. Any deviation from this agreement must be approved by both Societies.

ARTICLE IV

SOCIETY RESPONSIBILITIES

Section 1. In matters dealing with jointly sponsored conferences, each Society will abide by all of the documents listed in Article I, Section I of the Constitution.

Section 2. The lead Society for each IJCNN shall appoint a General Conference Chair with the advice and consent of the IOC Officers, *INNS* President and *NNC* Chair.

Section 3. Both Societies may organize and operate membership booths in conjunction with registration. Society publications may be sold at these booths.

Section 4. Proceedings of all IJCNN's will be sold to members of both Societies at the same price. The conference committee shall approach the IEEE book broker to establish a mechanism for post-conference sales. The lead Society will be responsible for post conference sales of proceedings. Copyrights to the conference proceedings will be controlled by the lead Society.

Section 5. Both Society's will refrain from sponsoring other major activities one month before or after each IJCNN.

Section 6. Both Societies will share equally in any conference surplus. If a conference loses money, both Societies will equally share in the cost.

ARTICLE V

CONFERENCE ORGANIZING COMMITTEE

Section 1. The General Chair has primary responsibility for all aspects of the meeting and is accountable to the IOC and the sponsors with respect to the discharge of that responsibility. The General Chair shall appoint, may dismiss and is ultimately responsible for the duties of the other members of the Organizing Committee.

Section 2. The Program Chair is responsible for the technical program, including preparation of the Call for Papers, speaker invitation, review/referee procedure, session organization, etc.

subject to IOC guidelines. This person should assemble and preside over the Program Committee.

Section 3. The Finance Chair is responsible for all of the financial aspects of the meeting including approving expenditures, seeing that correct financial records are maintained, seeing that the approved registration fees are charged, preparing the final report, etc. The primary aim of the Finance Chair should be to stay within the approved budget: note that the approved budget might not be the same as that submitted, since the sponsors might request changes.

Section 4. For those meeting with a separate day or so of tutorials for which a separate registration fee is charged, it is usually desirable to have a Tutorial Chair. This person plans the tutorials programs, including selecting and contracting with speakers.

Section 5. The Exhibits Chair is responsible for all arrangements with Exhibitors, including solicitation, contracting, space layout, etc. For many meetings it is usually desirable to hire a professional firm to assume these responsibilities.

Section 6. The Publicity Chair is responsible for all aspects of publicity, including distribution of the Call for Papers, sending news-like items to magazine and newsletters, arranging for distribution of the Advance Program, etc.

Section 7. The Registration Chair is responsible for the process of registering attendees, both advance and on-site. If any other person is, in effect, hired to act as registrar, that hired person should not be a member of the Committee: rather, a volunteer Registration Chair should still be appointed to oversee the process, keep track of attendees budgeted versus actual, etc.

Section 8. The Local Arrangement Chair has responsibility for all hotel arrangements, and any transportation arrangements that the Committee decides to pursue. The Local Arrangements Chair should negotiate but not sign the hotel contract.

Section 9. The Publication Chair is responsible for making arrangements for layout, printing and transportation of the various materials required, most important of which is the Proceedings. After the Program Chair accepts a paper, the Publication Chair is responsible for communicating with the author(s) concerning final text preparation and dates for seeing that all material is delivered to the publishing house, and that the Proceedings arrive at the Conference site on time.

Section 10. The Audio-Visual Chair is responsible for all aspects of audio-visual equipment at the meeting. An additional responsibility that this person may assume is to specify standard audio-visual requirements to the speakers, to review the audio-visual (in hard-copy form) prior to the meeting and make recommendations for changes as appropriate.

Section 11 The General Chair may appoint other chairs as required.

ARTICLE VI

CONFERENCE REQUIREMENTS

Section 1. In all matters, the conference organizing committee will abide by all documents listed in Article I, Section I of the Constitution.

Section 2. Except for those giving tutorials, speakers will not be compensated for their presentations. Plenary speakers may have their travel expenses paid by the conference. Session chairs will not normally be compensated for their travel expenses.

Section 3. All expenses associated with the conference will be included in a conference budget which is to be approved by both Societies. Enforcement of the conference budget is the responsibility of the conference committee.

The tutorials budget shall be submitted by the General Chair along with the Conference budget. The Tutorials Chair should contribute to the preparation of this budget and is responsible, along with the Finance Chair, for adherence to the budget.

Section 4. A preliminary internal audit will be presented to the IOC and both Societies not more than ninety days after the close of the conference. A final audit and financial report is due 180 days after the close of the conference. Copies of this audit are to be presented to the IOC and the Societies. If there is a surplus, it shall be distributed evenly between the two Societies by the conference finance chair. Either Society can order an external audit of the conference by a nationally prominent accounting firm. In such cases, the audit cost will be paid from any conference surplus.

Section 5. The Finance Chair and the General Chair shall be signatory on all bank, checking or financial account. Only the Finance Chair and the General Chair should be authorized to approve expenditures. The General Chair may delegate this authority for specific areas to other committee members and the Director of Conferences in writing.

5665 oberlin drive
suite 110
san diego
california
92121

consultants
and coordinators

conventions
meetings

(619)
453-6222
fax (619)
535-3880

conferences
symposia

m e e t i n g m a n a g e m e n t

October 26, 1989

Nicholas de Claris, M.D.
8518 Beaufort Drive
Fulton MD 20759

Dear Nick:

The information provided on the enclosed sheets are in answer to some of your questions.

You should take note that Jean McCausland received copies of all of the records as well as of all monies deposited in the bank, broken down by categories. This is not the first time that this information has been provided by me.

Under separate cover, I am sending Jean McCausland the backup for the invoices you requested (#s 15, 26, 30, 34, 46).

Cordially,



Nomi Feldman
Conference Coordinator

NF:jw
Enclosures: 4

cc: Dr. Robert Marks
✓Dr. Robert Newcomb

5665 oberlin drive
 suite 110
 san diego
 califonia
 92121

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m e e t i n g m a n a g e m e n t

IJCNN '89

1. INCOME:

1. Registrations	\$376,476.75	
Less refunds	<u>5,040.00</u>	\$371,436.75
2. Tutorials	\$206,374.00	
Less cancellations	<u>5,145.00</u>	\$201,229.00
3. Exhibits		\$ 42,740.00
4. Proceedings, sales		\$ 9,845.00
5. Social events		\$ 1,580.00
6. Page charges		\$ 70.00
7. Miscellaneous		\$ 275.00

BREAKDOWN OF REGISTRANTS:

	<u>Up to March 15</u>	<u>March 15 to April 15</u>	<u>After April 15</u>
Member	225	158	586
Non-member	75	71	430
Student		117	252
One-day: Member			39
Non-member			25

2. PAYMENTS:

Enclosed is a printout of all payments made, listed by the categories designated by you.

3. HOTEL ROOMS:

Enclosed is a list of plenary speakers, session chairs, and committee members that made their hotel reservations through our office. This list was sent to the hotel with the approval of Wes Snyder, Conference Co-chair.

EXPENSES PAID BY MEETING MANAGEMENT

<u>Account No.</u>	<u>Amount</u>
Ia1	\$ 14.00
Ia2	1,357.82
Ia3	1,050.00
IIa1	193.67
IIIa1	39.45
IIIa2	1,954.29
IIIa5	300.00
IIIa6	980.00
Va1	2,000.00
Va3	2,000.00
Vc1	6,600.00
Vc2	13,000.00
Ve	2,400.00
Vj	500.00
Vk	200.00

9,899.06 was transferred
to the IJCNN account

IJCNN HOTEL LIST

<u>NAME</u>	<u>CITY/STATE</u>		<u>ARR</u>	<u>DEP</u>	<u>COMMENTS</u>
1. Amari, Shun-Ichi	Tokyo, Japan	VIP	6/18 Single	6/24	Master Account
2. Anderson, Dana	Boulder, CO		6/18 Single	6/22	Comp Room
3. Anderson, James	Providence, RI		6/17 Single	6/22	Comp Room
4. Bonomo, Carol	San Diego, CA		6/15 Single	6/21	Master Account
5. Churchland, Patricia	San Diego, CA	VIP	6/18 Double	6/21	Master Account
6. Cohen, Michael	Boston, MA		6/17 Double	6/22	Comp Room
7. Daugman, John	Cambridge, MA		6/17 Single-\$123	6/19	Visa 3/90 Exp 4131-7030-0005 0636
8. Eckmiller, Rolf	Dusseldorf, WG	VIP	6/17 Single	6/23	Master Account
9. Elbaum, Charles	Providence, RI		6/17 Single	6/22	Comp Room
10. Farhat, Nabil	Philadelphia, PA		6/18 Single	6/22	Comp Room
11. Fukushima, Kunihiro	Tokyo, Japan		6/17 Single	6/23	Comp Room
12. Guez, Allon	Philadelphia, PA		6/17 Double	6/22	Comp Room
Haines, Karen	San Diego, CA		6/15 Single	6/22	Master Account

1. Hjerstrom, Dan	Beaverton, OR		6/17 Double	6/24	Comp Room
Hecht-Nielsen, R.	San Diego, CA		6/16 King	6/22	Master Account
2. Hirsch, Morris	Berkeley, CA		6/17 Single-\$123	6/22	AX 10/89 Exp 3787 102307 32008
3. Hopfield, John	Pasadena, CA		6/17 Single-\$123	6/21	AX 8/90 Exp 3731 827104 61000
4. Kohonen, Teuvo	Espoo, Finland		6/17 Single	6/22	Comp Room
5. Kryukov, V.I.	Moscow, USSR		6/18 Single	6/23	Comp Room
6. Kuperstein, Michael	Brookline, MA		6/21 Single	6/22	Comp Room
7. Pellionisz, Andras	New York NY		6/17 Double	6/22	Comp Room
8. Psaltis, Demetri	Pasadena, CA		6/17 Single-\$132	6/22	AX 8/90 Exp 3732 224747 22005
9. Ritter, Helge	Espoo, Finland	5'8"	6/17 ¹⁸ Double	6/23	Comp Room
MC 5232 2200 0008 8586 4/91					
10. Rosenfeld, Ed	New York, NY	VIP	6/17 Single	6/23	Comp Room
11. Sejnowski, Terrence	San Diego, CA	VIP	6/18 Single	6/22	Master Account
12. Snyder, Wesley	Raleigh, NC	VIP	6/17 Single	6/22	Master Account

S oberud, Allen	Irvine, CA	6/19 Single	6/23	Master Account
Wallace, Peter	San Francisco, CA	6/17 Double-\$165 King	6/23	MC 7/90 Exp 3713 828278 71008
White, Halbert	San Diego, CA	6/18 Single	6/22	Comp Room
Widrow, Bernard	Palo Alto, CA	6/16 Single-\$140	6/22	MC 5/90 Exp 532903174801 4386
Williams, Ronald	Boston, MA	6/17 Single-\$123	6/22	MC 8/90 Exp 530030300041 9295

Microsystems Laboratory
Electrical Engineering Department
University of Maryland
College Park, Maryland 20742
Phone: (301) 454-6869
email: newcomb@eneevax.eng.umd.edu
fax: (301) 454-1837

September 11, 1989

To: IEEE NNC Members of the IJCNN Oversight Committee (IOC)
From: R. Newcomb
Subject: Meeting Call

Along with the Call for a meeting for the full IOC, enclosed, I am calling a meeting of the IEEE NNC Members of the IOC for the same place but the evening before, as follows:

Date: Friday, November 24, 1989

Time: 4:00 pm to 10:00 pm

with a dinner break, possibly 6:00 - 8:00 pm

Place: Sheraton Denver Tech Center

4900 DTC Parkway

Denver, CO 80237

Phone: (303) 779-1100

Fax: (303) 779-1100 ext. 202

[rate = \$60/room for NIPS89 associated attendees, which we are]

Room: To be announced later

Agenda: Probably

1. Introductions
2. Preparation for IOC meeting

cc: IEEE NNC Others of the IOC listing

Microsystems Laboratory
Electrical Engineering Department
University of Maryland
College Park, Maryland 20742
Phone: (301) 454-6869
email: newcomb@eneevax.eng.umd.edu
fax: (301) 454-1837

September 11, 1989

To: IJCNN Oversight Committee (IOC)
From: R. Newcomb
Subject: Meeting Call

Following up on my August memo, this is to call a meeting of the IOC as follows:

Date: Saturday, November 25, 1989

Time: 9:00 am to 5:00 pm

Place: Sheraton Denver Tech Center

4900 DTC Parkway

Denver, CO 80237

Phone: (303) 779-1100

Fax: (303) 779-1100 ext. 202

[rate = \$60/room for NIPS89 associated attendees, which we are]

Room: To be announced later

Agenda: Probably

1. Introductions
2. Minutes - future preparation
- of past meetings
3. Bylaws of IOC
4. Agreement between NNC and INNS - expiration in 1/1990
5. Review of IJCNNs - past operation
- proposed
 - a. facilities
 - b. budgets
 - c. organizational personnel
 - d. timing (proposal of Widrow)
6. 1991 & 1992 Winter meetings
7. Other meetings
8. Other business
9. Adjournment

Because this meeting is over the Thanksgiving holiday, travel arrangements may be tight. Thus, I am putting this out now to try to insure that everyone can make the meeting, which apparently will be a very important one to the continuation of the IJCNN. You should also make your own arrangements with the hotel at the above address.

cc: Others listed on the attached addresses

Attachment: Corrected IOC addresses

file:\IOC\IOCAadre.ss disk:NNCommittees date:08/21/89

IOC addressess

U. IEEE Neural Networks Committee

A. IOC Members

Dr. Fernando Aldana (1988 - 1990)
Universidad Politecnica de Madrid
Avda. Ramiro de Maeztu, s/n
Ciudad Universitaria
E-28040 Madrid, Spain
phone: 34-1-234-37-09
email: u2000004%emdupml1.bitnet@cunyvms.cuny.edu
fax:

Professor Kristina Johnson (1988 - 1990)
Center for Optoelectronic Computing Systems
Department of Electrical Engineering and Computer Science
University of Colorado
Campus Box 425
Boulder, CO 80309-0425
phone: (303) 492-1835
email: kris@boulder.colorado.edu
fax:

Professor Robert W. Newcomb (1989 - 1991) (Chair 8/89 - 2/90)
Microsystems Laboratory
Electrical Engineering Department
University of Maryland
College Park, MD 20742
phone: (301) 454-66869 home: (301) 622-0177
email: newcomb@eneevax.eng.umd.edu
fax: (301) 454-1837

Professor Edward C. Posner (1988 - 1990)
Department of Electrical Engineering
California Institute of Technology 116-81
Pasadena, CA 91125
phone: (818) 356-4852
email:
fax: (818) 568-8670

Professor Wesley E. Snyder (1988 - 1991)
Electrical and Computer Engineering
North Carolina State University
Box 7911
Raleigh, NC 27695
phone: (919) 737-2336
email: wes@ecelet.ncsu.edu
fax:

B. Upcoming Members

Dr. Mel Olken (1990 - 1992)
IEEE Headquarters
Technical Activities Department
345 East 47th Street moving to
New York, NY 10017-2394 Piscataway, NJ
phone: (212) 705-7178 phone: (201) 562-3871
email:
fax:

Barbara Yoon (1990 - 1992)
DARPA - dso
1400 Wilson Blvd.
Arlington, VA 22209-2308
phone: (202) 694-1303
email:
fax:

C. Others

Professor Robert J. Marks II (CHAIR IEEE NNC)
Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
University of Washington
Seattle, WA 98195
phone: (206) 543-6990 or 543-6061 or 543-2150
email: marks@blake.acs.washington.edu
fax: (206) 543-3842

Professor Anthony Ephremides (IEEE Division X Director)
Electrical Engineering Department
University of Maryland
College Park, MD 20742
phone: (301) 454-6871
email: tony@eneevax.eng.umd.edu
fax: (301) 454-1837

Dr. Russell C. Eberhart (Treasurer NNC)
The Johns Hopkins University
Applied Physics Laboratory
Johns Hopkins Road
Laurel, MD 20707
phone: (301) 953-5037 home: (301) 992-4590
email: rcel@aplvm.bitnet
fax:

Professor Evangelia Tzanakou (Secretary NNC)
Biomedical Engineering
Rutgers University
P.O. Box 909
Piscataway, NJ 08854
phone: (201) 932-2037
email: etzanako@elbereth.rutgers.edu
fax: (201) 932-5313

Professor H. Troy Nagle (IEEE VP for Technical Activities)
Department of Electrical and Computer Engineering
North Carolina State University
P. O. Box 7911
Raleigh, NC 27695-7911
phone: W: (919) 737-3578 H: (919) 490-2080
email: htn@csl.ncsu.edu
fax: W: (919) 737-7382 H: (919) 489-2672

II. INNS

A. IOC Members

Professor James Anderson
Cognitive and Linguistic Sciences Department

Brown University
Providence, RI 02912
phone:
email: anderson@brownco.bitnet
fax: (401) 863-3700

Professor Leon Cooper
Physics Department
Brown University
Providence, RI 02912
phone: (401) 331-9640
email: ph706009@brownvm.bitnet
fax: (401) 331-7319

Professor Carver Mead
Electrical Engineering Department
California Institute of Technology
Pasadena, CA 91125
phone: (818) 356-6841
email: helen@csvax.caltech.edu
fax: (818) 792-5873

Professor David Rumelhart
Psychology Department, Building 420
Stanford University
Stanford, CA 94305-2130
phone: (415) 725-2457 home: (15) 322-7385
email: der@psych.stanford.edu
fax: (415) 725-5699

Professor Bernard Widrow (Chair INNS-IOC; President INNS)
Electrical Engineering Department
Stanford University
Stanford, CA 94305-4055
phone: (415) 723-4949 home: (415) 857-9151
email: widrow@isl.stanford.edu
fax: (415) 723-8473

B. Others

Professor Demetri Psaltis (1st alternate)
Electrical Engineering Department
California Institute of Technology
Pasadena, CA 91125
phone: (818) 356-4856 home: (18) 798-5466
email: psaltis@sunoptics@csvax.caltech.edu
fax:

Dr. Terrence Sejnowski (2nd alternate)
The Salk Institute
CNL
P.O. Box 8580
San Diego, CA 92138-9216
phone: (619) 453-4100 ext 611 home: (619) 259-5184
email:
fax: (619) 552-8285

Professor Bart Kosko (3rd alternate)
Electrical Engineering Department
University of Southern California

Los Angeles, CA 90089
phone: (213) 743-5381
email: kosko@brand.usc.edu
fax: (213) 745-7284

home: (818) 330-5415



THE UNIVERSITY OF MARYLAND
DEPARTMENT OF ELECTRICAL ENGINEERING
College Park, Maryland 20742-3025
(301) 454-2442

December 11, 1989

MEMORANDUM

To: IJCNN Oversight Committee (IOC)

From: Robert W. Newcomb

Subject: Draft of the Minutes

Enclosed please find the Draft of the Minutes mentioned in the Memorandum dated November 30, 1989. If you require further information, please do not hesitate to contact me at (301) 454-6869.

RWN/db

Enclosures



THE UNIVERSITY OF MARYLAND
DEPARTMENT OF ELECTRICAL ENGINEERING
College Park, Maryland 20742-3025
(301) 454-2442

December 11, 1989

MEMORANDUM

To: IJCNN Oversight Committee (IOC)

From: Robert W. Newcomb

Subject: Draft of the Minutes

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RWN/db

Enclosures

DRAFT 12/07/89

MEETING OF THE IJCNN OVERSIGHT COMMITTEE

Sheraton Denver Tech Center, November 25, 1989

A meeting of the IJCNN International Oversight Committee was held in Denver on November 25, 1989, at the Sheraton Denver Tech Center Hotel. The meeting convened at 9:00 a.m. Present were Bob Newcomb, Bernard Widrow, Maureen Caudill, Russ Eberhart, Fernando Aldana, Bob Marks, and Wes Snyder.

The receipt of the report of the past IOC Chairman was acknowledged.

The proposed IOC Constitution and Bylaws were then discussed. The overall structure and intent of the document were presented by Bob Marks. How the Oversight Committee is perceived was discussed.

The designation of the location and times of the conferences, monitoring the adherence to the agreement, and oversight of some aspects of the financial arrangements were discussed as Committee functions. It was agreed that any particular meeting location/time decision must be ratified by both Societies.

Widrow characterized the IOC as an ombudsman, as a debating society. It's function is to take recommendations to the sponsoring society.

It was the consensus that two documents are needed: an agreement, as was negotiated and signed about a year ago; and a Constitution and Bylaws of the IOC.

Marks suggested some changes to the agreement that is currently existing. Some problems with the interpretation of the diagram in the agreement were pointed out.

Widrow suggested that Articles IV, V and VI of the proposed Bylaws be included in the basic agreement, rather than in the Bylaws. He also suggested changing the diagram.

The Constitution and Bylaws were then "nit-picked". Changes were suggested, then, after about five minutes, it was decided to review the "old" agreement before proceeding with the Constitution.

Caudill presented a proposed change to the diagram on page 3.

It was suggested by Aldana that the Societies sponsor one major US meeting per year, and one meeting outside the US, with the societies alternating responsibility from year to year.

The US meeting would be a two-weekend (9-10 day) meeting. The international meeting would be a shorter meeting.

In 1991, June or July, a meeting will be run by INNS in Seattle, and

chaired by Psaltis. June 1991, Seattle INNS; October 1991, IEEE, Singapore. April/June 1992, IEEE in US; INNS late in October Brussels.

If the Shoreham isn't available in 1992 June, then that meeting could be moved to 1993, and sponsored by the INNS. If the hotel isn't available either in June of 1992 or 1993, the situation will be discussed in January.

The following table summarized the preliminary planning thru 1995:

Lead Society	Year	Month	Location
-----	----	-----	-----
INNS	1990	January	Washington, DC
IEEE	1990	June	San Diego
INNS	1991	July	Seattle
IEEE	1991	October	Singapore
IEEE	1992	Apr/Jun	Washington, DC
INNS	1992	late Oct	Brussels
INNS	1993	June	SF/Vancouver
IEEE	1993	October	Japan
IEEE	1994	June	Philadelphia
INNS	1994	October	Spain
INNS	1995	June	West Coast US
IEEE	1995	October	Hawaii/London

A phone call was made at noon, and Terry Sejnowski and David Rumelhart joined the meeting by phone. Neither had any major comments on the proposed Constitution and Bylaws for the IOC.

Bob Newcomb pointed out that the IOC will recommend, but will have its decisions ratified by the sponsoring societies. The IOC doesn't have decision-making power. Marks pointed out that the IOC has some teeth in the financial area.

Widrow then raised the subject of conferences. He presented the above table verbally to TS and DR, who approved of the idea.

Marks stated that the schedule will be taken up tomorrow at the NNC meeting.

It was moved by Fernando Aldana, and seconded by Bernard Widrow that the above table constitute the recommended meeting schedule (times and locations) for future IJCNN's. Motion was passed unanimously.

Bernard Widrow convened a special meeting of the INNS Executive Meeting to discuss the appointment of the 1991 Chairperson. Present were Terry Sejnowski and David Rumelhart. Bernie moved that, in light of INNS being lead society for the June/July 1991 IJCNN to be held in Seattle, WA, approved by the IOC, Dimitri Psaltis will be asked to serve as General Chair and if he agrees, he will be Chair for this meeting. This motion is contingent upon approval by both organizations of the meeting schedule.

Rumelhart seconded motion, the motion passed unanimously.

Executive committee was adjourned by motion of Rumelhart, seconded by Sejnowski.

Marks commented that, after lunch, we would be discussing future attendance at meetings. The second item is conference travel reimbursement.

The next IOC meeting will be convened at 9:30 a.m., January 15, in Washington, D.C.

The meeting was recessed for lunch, and reconvened after lunch.

Following lunch, the Agreement between the IEEE and the NNS was redrawn. It is attached, in revised draft form, as an Appendix.

It was agreed that a guideline of \$500 per two-hour tutorial plus travel expenses according to IEEE guidelines, or \$1,500 total, at the discretion of the speaker, would be proposed for use in future conferences.

The IOC decided to present the proposed agreement between the INNS and the CNN, and present the proposed Conference schedule.

Widrow will be sent the copy of the IOC Constitution and Bylaws to complete the incorporation of the changes.

It was agreed to distribute the INNS Conference Report for the Winter 1990 IJCNN to all NNC members.

The meeting was adjourned at 5:15 p.m.

DRAFT

DRAFT 12/07/89

AGREEMENT

BETWEEN THE IEEE COUNCIL ON NEURAL NETWORKS

AND THE INTERNATIONAL NEURAL NETWORK SOCIETY

In the interest of promoting research, development and education in the area of Neural Networks, the IEEE Council on Neural Networks (CNN) and the International Neural Network Society (INNS) agree to jointly sponsor international meetings, known hereafter as the "International Joint Conferences on Neural Networks," equally sharing the risk and the surplus of the conferences.

- 1) This document becomes effective upon signature of the Presidents of the two organizations.
- 2) Each conference shall be titled the International Joint Conference on Neural Networks (IJCNN).
- 3) Primary responsibility for operation of each conference shall alternate between the two organizations. The organization with responsibility for a particular conference shall be known as the "lead society".
- 4) The lead society shall appoint the General Chair with the advice and consent of the President of the other organization. The lead society guarantees the other society complete access to the financial records of the Conference at any time.
- 5) Both organizations may organize and operate membership booths in conjunction with registration. Organization publications may be sold at these booths. Registrants may join either organization at the meeting and receive member discounts.
- 6) Proceedings of the joint conferences will be sold to members of either organization at the member's rate. The conference committee should approach the IEEE book broker program to establish a mechanism for post-conference sales. Establishment of this mechanism shall be part of the budget planning process for each conference. The lead society will be responsible for post conference sales of proceedings.
- 7) Copyrights to the conference proceedings will be controlled by the lead society.
- 8) Exhibits are encouraged as an integral part of the conferences. The conference committee will be responsible for establishing an exhibits program, in coordination with members of the vendor community.

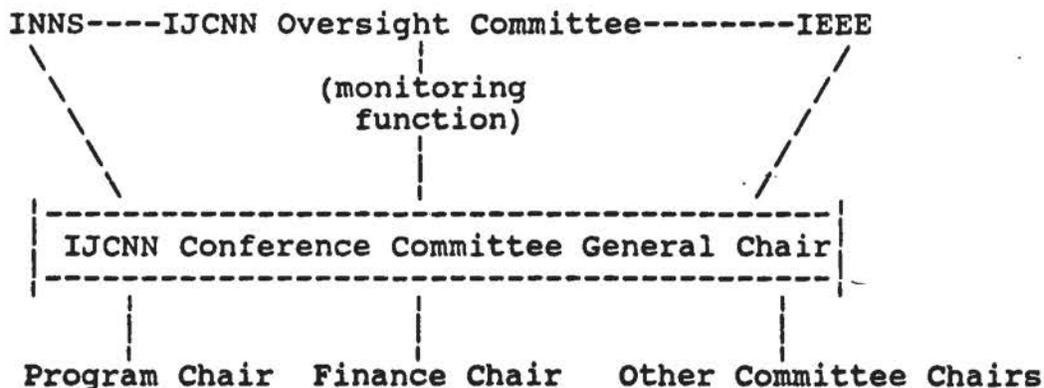
9) As a general guideline, speakers (except for tutorial speakers) are not compensated for their presentations. Plenary speakers normally have their travel expenses paid. The conference committee will set specific arrangements in accordance with the policies of both parent organizations. Compensation for tutorial speakers shall be consistent with the policies of the parent organizations. Session chairs are not normally compensated for their travel expenses.

10) Registration fees will be determined by the conference committee and submitted to the sponsoring organizations as part of the conference budget. Significant fluctuations in fees for contiguous meetings are discouraged.

11) All expenses associated with the conference will be included in the conference budget which must be approved by both organizations. It is the responsibility of the conference committee to enforce adherence to the budget.

12) A preliminary budget will be submitted by the lead society to the IOC and the other organization approximately two years in advance beginning with the 1992 meetings. An operating budget will be similarly submitted approximately one year in advance. It must be approved, disapproved or approved with modifications within 90 days after receipt, or it is approved as submitted.

13) There shall be an Oversight Committee, consisting of not more than 5 people, appointed by the IEEE CNN, and not more than 5 people appointed by the INNS Executive Committee. This IJCNN Oversight Committee shall serve to ensure adherence to this agreement and to mediate any disagreements as provided in item 14. The following diagram specifies the organizational structure:



15) This agreement can be canceled upon written notification of either organization to the President of the other organization. The President of the INNS and the President of the NNC shall have the responsibility of settling any unfinished business already initiated as a result of this document. In the event of dissolution, each

society shall honor its previously approved budgets. Upon cancellation, both organizations agree to not use the conference name "International Joint Conference on Neural Networks" or the initials "IJCNN". The CNN reserves the exclusive right to use the conference name "International Conference on Neural Networks". The INNS reserves the exclusive right to use the conference name "INNS Annual Meeting". Both organizations will refrain from sponsoring other major activities within one month of each IJCNN. Both organizations will share equally in any conference surplus. If a conference loses money, both organizations will equally share in the cost.

16) The IJCNN Conference Organizing Committee shall consist of at least a General Chair, a Program Chair, and a Finance Chair. The General Chair has primary responsibility for all aspects of the meeting and is accountable to the lead society (AdCom of the CNN; Executive Committee of the INNS) with respect to the discharge of that responsibility. It is the responsibility of the President of the lead society to ensure that the General Chair is made aware of all relevant guidelines for the conference, including financial reimbursements. The General Chair shall appoint, may dismiss and is ultimately responsible for the duties of the other members of the Organizing Committee. The Program Chair is responsible for the technical program, including preparation of the Call for Papers, speaker invitation, review/referee procedure, session organization, etc. subject to IOC guidelines. This person should assemble and preside over the Program Committee. The Finance Chair is responsible for all of the financial aspects of the meeting including approving expenditures, seeing that the correct financial records are maintained, seeing that the approved registration fees are charged, preparing the final report, etc. The primary aim of the Finance Chair should be to stay within the approved budget: note that the approved budget may not be the same as that submitted, since the sponsors might request changes. The General Chair may appoint other chairs as required, and will in all matters follow the guidelines contained in the latest version of the IEEE Conference Organization Manual.

17) A preliminary internal audit will be presented to the IOC and both organizations not more than 90 days after the close of the conference. A final audit and financial report is due 180 days after the close of the conference. Copies of this audit are to be presented to the IOC and the organizations. If there is a surplus, it shall be distributed evenly between the two organizations by the conference finance chair. Either organization can order an external audit of the conference by a nationally prominent accounting firm. In such cases, the audit cost will be paid from any conference surplus.

18) There will be at least three signatories on all bank, checking, or other financial accounts for each conference. These shall include the Finance Chair, the General Chair, and the President of the Lead Society. Any one signature will be sufficient to authorize checks of \$10,000 or less. Any two signatures will be required for

amounts greater than \$10,000.

This document was discussed and jointly prepared by the members of
the IJCNN Oversight Committee 25 November, 1989.

Approved by the INNS by its President:

_____ Date: _____

Approved for the IEEE CNN by its President:

_____ Date: _____



SYSTEMS, MAN, AND CYBERNETICS SOCIETY

November 22, 1989

PLEASE REPLY TO:

Prof. Robert W. Newcomb,
Chairman IJCNN Oversight Committee
University of Maryland
College Park, Md 20742

Dear Bob:

Unforeseen circumstances require my presence in this campus the next few days, and thus I had to cancel my trip to Denver. I regret it will not be possible for me attend the IOC meetings. It would have been a special source of pleasure for me to have toasted on the actual cite, the first anniversary of the founding of IJCNN with the original team that created its charter. For indeed I consider it a unique privilege to have chaired, a year ago, the two historic meetings that in rapid succession hammered out, word-by-word, and resulted in the signing of the IJCNN Founding Agreement. We undertook an extremely challenging task then, for previous negotiations were near collapse. By starting afresh, we created a setting that was characterized by unusual openness and spirit of full cooperation and our success was made possible only because of the professional commitment, strong participation and creative contributions made by each one of these IJCNN "founding fathers". I am deeply indebted to them for the confidence and support they gave me on that occasion and afterward during the time I served as the first Chairman of the Oversight Committee. Please convey to all those present my greetings and best wishes for continued successes in your current deliberations. In a real sense of the words the challenges that you are facing are much greater and they will certainly grow even more difficult with time.

On this first anniversary of the founding of the IJCNN it should be a source of satisfaction to all that had a hand in its making that the first IJCNN held in Washington prove quite successful despite the short planning time and the many unexpected difficulties that always surface with new undertakings. It should be noted of course that the real business of the Oversight Committee starts with the third and subsequent IJCNN - the first two were underway more or less before the signing of the IJCNN Agreement and they were simply accommodated into the IJCNN framework as best as it could under the circumstances. As chairman of the Oversight Committee, I realized that immediately upon its creation the Committee, had to take up two types of agenda items:

- 1) those that had to do for getting started with at least the next two IJCNN meetings, and

1
9
8
9

After Election:

★ Editor - Herb Rauch

Newsletter -

★ Meetings - Bob Newcomb

Nom Comm. Tony Ephr.

★ Fellows: Posner

Pub. Comm. → Dickensen (?)

Secre →

{Michel}
[Dickensen
Rauch]
Tomkins
Volunteer

Cary Ericsson, Secretary
Seed Money "Local Section"
No Problem

Typically, section doesn't
appear

[What passes?
~~Cancel~~ Meetings
Open areas
Power

Refunding

Feb 18-20
Charlotte, NC

Call to Order

Introductions

- Identification of Voting Members
& Proxies

Approval of Agenda

Discussion Items: Awards Comm.

Old Business

- Add Adoption IOC Items

Chairman's Report

Tony & Fernando

1. TAB ok'd council status 10 memb soc.
 - * What it means!
 - * Wrote Pres → Council Business
 - * Constitution
 - * New Members → OK'd by { NNC (CNN)
Ad Com
TAB

Concerns: Meetings!

Appointments:

1. Nick DeClaris stepped down.
Newcomb appointed IOC Chair.

2. Russ Eberhart → Financial Comm. for IOC

3.

After Election

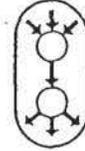
[TAB
Feb 18-20]

* IOC Jan 15th

9:00-30

- D.C.

6:00



NEURAL NETWORKS

November 22, 1989

Arye R. Ephrath, President
IEEE Systems, Man, and Cybernetics Society
Bell Communications Research, Inc.
444 Hoes Lane
Room 4D-512
Piscataway, NJ 08854

Dear Dr. Ephrath:

At their November meeting, TAB unanimously approved establishment of the IEEE Council on Neural Networks, effective January 1, 1990.

As one of the ten founding Societies of the IEEE Neural Networks Committee, we are proceeding under the assumption that your Society will be participating as a founding member of the IEEE Council on Neural Networks. It is appropriate, however, that this be discussed and approved at your next Ad Com. Please advise me of the results.

I am also proceeding under the assumption that your appointees to the Neural Networks Committee will be your first representatives to the Council.

Sincerely,

A handwritten signature in cursive script, appearing to read 'R. J. Marks'.

Robert J. Marks, Chair
IEEE Neural Networks Committee

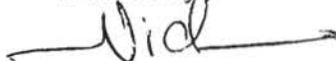
- 2) those that had to do with clarifying the responsibilities of the IOC and codifying its authority, infrastructure and working procedures.

Important as the second category agenda items were, it turned out that the items on the first category had to be dealt with immediately on a high priority basis. In fact they prove out to be much more difficult jobs that either I as Chairman or any other committee member had anticipated. Thus our attention initially was focused on them (mostly by telephone and e-mail) and satisfactory results were achieved only after much work. An attempt to deal with the second agenda items was made at the first IOC meeting in June of this year in Washington. Unfortunately the IOC meeting was sandwiched between other important meetings and too little time was thus available for discussion and action taking. At that time I asked orally Ed Posner to head up a subcommittee to look into certain crucial items (pertaining to IOC structure and function) and bring them for discussion in the second IOC meeting. Further I intended soon thereafter to get together with Fernando Aldana and ask him to head up another small subcommittee to produce a first draft of working guidelines to be discussed by the IOC in subsequent meetings. Unfortunately my plans were interrupted because added primary professional commitments did not allow me to devote sufficient time to IOC activities. It was with a sigh of great relief that I greeted your decision to take over as chairman of the IOC. I am sure that your leadership will most certainly bring fresh energy and dynamism to the work of the committee. There is a big job to be done and you all know what it is. There is no need for me to add to you agenda, at this time.

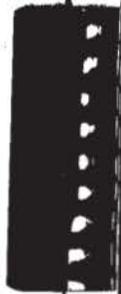
I take the opportunity to bring up only one small item, rather sensitive, but also appropriate for a past chairman, who has little to gain by it. The intention of the original agreement was that the IOC should play a central role in the formulation and performance of the IJCNNs. This requires involving in the IOC individuals of outstanding qualifications and capabilities as well as commitment to many hours of work for which they must receive adequate recognition. However except for a few insiders, very few people know of the existence of IOC or its composition. For example the Announcements, Programs and Proceedings of the first three IJCNNs list a lot of individuals with various involvement and responsibility but nowhere mention is made of the IOC and its members. The IOC should ensure its visibility, if it feels it deserves it. There are many who believe that responsibility, visibility and accountability go hand-in-hand.

Again I regret it is not possible for me to be with you in person in this meeting. Best wishes and good luck. May you all have favorable winds as you sail in the adventures ahead.

Sincerely,



Nicholas DeClaris
Past ICO Chairman.



UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990, 543-6061 or 543-2150
FAX: (206) 543-3842; marks@blake.acs.washington.edu*

March 22, 1989

TO: IEEE Neural Network Committee (NNC) Member Society Presidents

As you know, on February 15, 1989, the *IEEE Publications Committee* approved a proposal from the *IEEE Neural Networks Committee (NNC)* for the formation of an *IEEE Transactions on Neural Networks* which is planned to start as a quarterly in the first quarter of 1990.

On January 12 of this year, you were sent a copy of this proposal. It provided for establishment of an Editorial Board consisting of one NNC member from each of the member Societies. Appointments are to be made by the member Societies.

In anticipation of the approval of our proposal, would you please identify which of the two NNC representatives of your Society you would like to serve on the Editorial Board. If I am not contacted with a recommendation or extension request by the end of April, I will assume the delegation authority.

I would be delighted to talk with you regarding my views concerning Board membership. Please contact me at my office phone number listed on the letterhead.

Sincerely,



Robert J. Marks II
NNC Chairman pro tem

RJM:ew

mailed 5/9/89

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990 (office), 543-6061 (secretary),
543-2150 (main office), 776-8995 (home), 543-3842 (FAX).
marks@blake.acs.washington.edu

5-8-89

Members of the *IEEE Neural Network Committee (NNC)*:

Three items:

1. The IEEE NNC will meet at the IJCNN on Sunday, June 18th, in the Truman room of the Sheraton at 8:00 P.M. There will be a dinner for NNC and Oversight Committee members (including those from INNS) at 7:00 in the same room. The Oversight Committee meeting will be prior to the dinner and is tentatively scheduled to start at 6:00.
2. Attached is a constitution for the NNC under which we will operate at the IJCNN in June. At our meeting, I will ask for a vote for ratification for future use. We will also consider at that meeting a constitution draft for an *IEEE Neural Network Council*. This, and other agenda items, will be mailed to you shortly.
3. If there are any items you wish placed on the agenda for the NNC meeting, please let Evangelia Tzanakou, the NNC's Secretary pro tem, or me know by May 23rd.

I look forward to seeing you in the other Washington.

Sincerely,



Robert J. Marks II
NNC Chairman pro tem

Att.
cc: Member Society Presidents
A. Ephremides

CONSTITUTION OF THE IEEE
NEURAL NETWORKS COMMITTEE

ARTICLE I - Name and Objectives

Section 1. The name of this organization shall be IEEE Neural Networks Committee (hereinafter NNC) and it shall be governed in accordance with the Constitution and Bylaws of the Institute of Electrical and Electronics Engineers and the Charter of the NNC.

Section 2. The objectives of the NNC shall be scientific, educational and professional in character. The NNC shall strive for the advancement of the theory and practice of Neural Network engineering and science and of the allied arts and sciences, all in consonance with the Constitution and Bylaws of the IEEE.

Section 3. The NNC shall aid in promoting close cooperation and exchange of technical information among its members and others interested in Neural Networks and to this end shall hold meetings for the presentation of papers and their discussion, provide for technical publications, and through its committees shall study and provide for the needs of its members.

ARTICLE II - Membership

Section 1. The members of the NNC shall consist of individual voting members and sponsoring Society members.

Section 2. The Society members shall be IEEE Societies or other appropriate IEEE entities. The Society members shall consist of those IEEE Societies which were members as of January 1, 1989 (which will be called Society founding members) plus those Societies which have applied for membership subsequently and been approved by a two-thirds vote of the individual voting members. A Society may withdraw from the NNC by means of a written request to the Chair of the NNC. Society membership is by calendar year, and the request for withdrawal must reach the Chair by June 1 in order for the Society to withdraw on December 31.

Section 3. The individual voting members shall be people appointed by the Society members, with each Society member having the right to appoint two individual voting members. An individual voting member shall remain on the NNC until a replacement is appointed by the responsible Society.

ARTICLE III - Management and Officers

Section 1. The officers of the NNC shall be Chair, Secretary and Treasurer. The officers shall serve for two calendar years, except for the officers elected in 1989, who shall serve until January 1, 1991. The NNC shall biennially elect officers to serve for two year terms of office beginning January 1 of the following year. The Officers shall be individual voting members of the NNC at the time of their election (and during their two year term of office). No person can hold a particular office for more than two consecutive years.

Section 2. The Chair under the direction of the NNC shall have general supervision of the affairs of the NNC. The Chair shall preside at the meetings of the NNC and have other powers and duties as necessary to perform the work of the NNC, including appointing appropriate sub-committees.

Section 3. The Treasurer shall have overall responsibility for the finances of the NNC.

Section 4. The Secretary shall function as the secretary and handle administrative aspects of the NNC. The Secretary shall serve as Chairman pro tem in the absence of the Chairman.

Section 5. If for some reason an elected officer of the NNC is unable to complete the two year term, then the Chair is authorized to appoint a replacement for the remainder of the officer's term. If the Chair is unable to complete the two year term, then the Secretary will automatically become the Chair and can appoint a replacement secretary for the remainder of the two year term.

ARTICLE IV - Amendments

Section 1. Amendments to this Constitution may be implemented by a two-thirds vote of the total membership of the NNC. The proposed amendments shall be submitted in writing to the individual members of the NNC for their vote.



SYSTEMS, MAN, AND CYBERNETICS SOCIETY

PLEASE REPLY TO:
Professor Nicholas DeClaris
School of Medicine - Howard Hall
U. of Maryland, Baltimore Md. 21201
FAX # 301-328-8013

Dr. Joseph Goodman, Chairman
Electrical Engineering Department
Stanford University
Stanford, California 94305

May 22, 1989

Dear Joe:

It is with great pleasure I follow up my telephone conversation and I confirm that the IJCNN Oversight Committee has approved the appointment of the following individuals to be responsible for organizing the Summer 1990 IJCNN:

General Co-Chairs: Joseph Goodman, Stanford
Walter Karplus, UCLA

Program Co-Chairs: Walter Freeman, UC/Berkeley
Bart Kosko, USC

Finance Chair: H. John Caufield, U. of Alabama

Local Arrangements: Pattrick Simpson, General Dynamics

The official approval has now been certified by Dr. Robert J. Marks II, IEEE-NNC Chairman pro tem. In accordance with the agreement between the IEEE and INNS, the Summer 1990 IJCNN will be held in San Diego with the IEEE serving as the lead society (that is, appointing the leadership of the organizing standing committees). The INNS will appoint the Vice-Chairs of the Program and Finance Committees. With a copy of this letter I am notifying Dr. Bernard Widrow of this action of the IEEE, and I am asking him to make these appointments subject to your mutual agreement. Further, the IEEE-INNS agreement requires that by virtue of their current IJCNN appointments three individuals are ex-officio members in two Summer 1990 IJCNN standing committees as follows:

Program Committee: James Anderson, Brown
Andras Pellionisz, N.Y.U. Medical Center

Finance Committee: Maureen Codel, Adaptics

The IJCNN is a new arrangement formulated in broad outline last November and there is very little written documentation as to its operation. However in an attempt to comply with Walter Karplus'

rrequest for a written charge to the organizing standing committees I have prepared the attached page which to the best of my recollection incorporates the key ideas agreed upon by the negotiating members. Please feel free to suggest to me any improvements which you feel can increase the effectiveness of the operation and I will take them up with the Oversight Committee. In the meantime copies of the charge are sent to the members of the Oversight Committee asking for their comments. Attached is also a copy of the IJCNN 89 Operating Budget which perhaps can be useful to you. Please do not hesitate to contact me for any information or assistance you feel I can offer you. I look forward to working with you.

In behalf of the Oversight Committee I wish to express our sincere appreciation for agreeing to undertake this very important appointment. We are sure the leadership you and your colleagues will provide will ensure a most successful Conference.

Cordially,



Nicholas DeClaris, Chairman
1990 IJCNN Oversight Committee

Enclosure

cc: Robert J. Marks II
Bernard Widrow



SYSTEMS, MAN, AND CYBERNETICS SOCIETY

PLEASE REPLY TO:
Professor Nicholas DeClaris
School of Medicine - Howard Hall
U.of Maryland, Baltimore Md. 21201
FAX # 301-328-8013

Dr. Walter Karplus
Computer Science Department
3732 Boelter Hall
University of California
Los Angeles, California 90024

May 22, 1989

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Cordially,



Nicholas DeClaris, Chairman
1990 IJCNN Oversight Committee

Enclosure

cc: Robert J. Marks II
Bernard Widrow



SYSTEMS, MAN, AND CYBERNETICS SOCIETY

PLEASE REPLY TO:

Professor Nicholas DeClaris
School of Medicine - Howard Hall
U.of Maryland, Baltimore Md. 21201
FAX # 301-328-8013

Dr. Bart Kosko
Electrical Engineering Department
University of Southern California
University Park
Loa Angeles, California 90089-0279

May 22, 1989

Dear Bart:

It is with great pleasure I follow up my telephone message and I confirm that the IJCNN Oversight Committee has approved the appointment of the following individuals to be responsible for organizing the Summer 1990 IJCNN:

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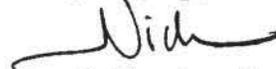
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Cordially,



Nicholas DeClaris, Chairman
1990 IJCNN Oversight Committee

Enclosure

cc: Robert J. Marks II
Bernard Widrow



SYSTEMS, MAN, AND CYBERNETICS SOCIETY

PLEASE REPLY TO:

Professor Nicholas DeClaris
School of Medicine - Howard Hall
U. of Maryland, Baltimore Md. 21201
FAX # 301-328-8013

Dr. Walter Freeman
Department of Physiology-Anatomy
University of California
Berkeley, California 94720

May 22, 1989

Dear Walter:

It is with great pleasure ^I~~we~~ confirm my earlier message that the IJCNN Oversight Committee has approved the appointment of the following individuals to be responsible for organizing the Summer 1990 IJCNN:

General Co-Chairs: Joseph Goodman, Stanford
Walter Karplus, UCLA

Program Co-Chairs: Walter Freeman, UC/Berkeley
Bart Kosko, USC

Finance Chair: H. John Caufield, U. of Alabama

Local Arrangements: Patrick Simpson, General Dynamics

The official approval has now been certified by Dr. Robert J. Marks II, IEEE-NNC Chairman pro tem. In accordance with the agreement between the IEEE and INNS, the Summer 1990 IJCNN will be held in San Diego with the IEEE serving as the lead society (that is, appointing the leadership of the organizing standing committees). The INNS will appoint the Vice-Chairs of the Program and Finance Committees. With a copy of this letter I am notifying Dr. Bernard Widrow of this action of the IEEE, and I am asking him to make these appointments subject to your mutual agreement. Further, the IEEE-INNS agreement requires that by virtue of their current IJCNN appointments three individuals are ex-officio members in two Summer 1990 IJCNN standing committees as follows:

Program Committee: James Anderson, Brown
Andras Pellionisz, N.Y.U. Medical Center

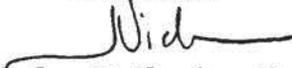
Finance Committee: Maureen Codel, Adaptics

The IJCNN is a new arrangement formulated in broad outline last November and there is very little written documentation as to its operation. However in an attempt to comply with Walter Karplus'

request for a written charge to the organizing standing committees I have prepared the attached page which to the best of my recollection incorporates the key ideas agreed upon by the negotiating members. Please feel free to suggest to me any improvements which you feel can increase the effectiveness of the operation and I will take them up with the Oversight Committee. In the meantime copies of the charge are sent to the members of the Oversight Committee asking for their comments.

In behalf of the Oversight Committee I wish to express our sincere appreciation for agreeing to undertake this very important appointment. We are sure the leadership you and your colleagues will provide will ensure a most successful Conference. I look forward to working with you. I trust you have had a very enjoyable trip overseas.

Cordially,


Nicholas DeClariss, Chairman
1990 IJCNN Oversight Committee

Enclosure
cc: Robert J. Marks II
Bernard Widrow



SYSTEMS, MAN, AND CYBERNETICS SOCIETY

PLEASE REPLY TO:

Professor Nicholas DeClaris
School of Medicine - Howard Hall
U. of Maryland, Baltimore Md. 21201
FAX # 301-328-8013

Dr. H. John Caufield
Un. of Alabama RI - E12
301 Sparkman Drive
Huntsville, Alabama 35805

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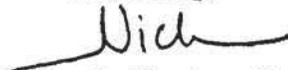
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1990 IJCNN Oversight Committee

Enclosure

cc: Robert J. Marks II
Bernard Widrow



SYSTEMS, MAN, AND CYBERNETICS SOCIETY

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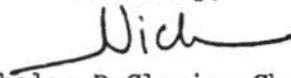
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1990 IJCNN Oversight Committee

Enclosure

cc: Robert J. Marks II
Bernard Widrow

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990 (office), 543-6061 (secretary),
543-2150 (main office), 776-8995 (home), 543-3842 (FAX).
marks@blake.acs.washington.edu*

5-25-89

Dear IEEE Neural Network Committee (NNC) Members,

The NNC Nominations Subcommittee requests your input concerning NNC officers for the upcoming year. We have three officers:

Chairman
Secretary
Treasurer

The members of the Nominations Subcommittee are:

Anthony Ephremides, Director
IEEE, Division X
Electrical Engineering Department
University of Maryland
College Park, MD 20742
(301) 454-6871
(301) 933-5678 (home)
FAX: (301) 454-1837
tony@eneevax.umd.edu

H. Troy Nagle
Elec. and Computer Engineering
North Carolina State University
Box 7911
Raleigh, NC 27695
(919) 737-3578
htn@ece-csc.ncsu.edu
FAX:(919)737-7382

Edward C. Posner
Dept. of Electrical Engineering
California Inst. of Technology
1201 California Street
Pasadena, CA 91125
(818) 356-4852

Sincerely,



Robert J. Marks II
NNC Chairman pro tem

cc: Anthony Ephremides, Director
IEEE, Division X

5-25-89

Letter with attachment also sent to:

Professor Walter Karplus
U.C.L.A.
3732 Boelter Hall
Los Angeles, CA 90024

Demetris Psaltis
Calif. Inst. of Technology
Dept of Electrical Engineering
MS 116-81
Pasadena, CA 91125

Barbara L. Yoon
DARPA/DSO
1400 Wilson Blvd., Sixth Floor
Arlington, VA 22209-2308

Dr. Allen R. Stubberud
University of Calif.-Irvine
Electrical Engineering Dept.
Irvine, CA 92717

FUNCTIONS AND RESPONSIBILITIES
of the
IJCCNN ORGANIZING COMMITTEES

Overall responsibility for planning, organizing and managing the Conference within the regulations of IEEE and INNS and the policy guidelines of the Oversight Committee, rests with the General-Chairs. Key responsibilities include, but is not limited to, the following: 1) the preparation and submission of the Conference Budget to the Oversight Committee for approval by the Sponsoring Societies, 2) the approval of the technical program plans, 3) the final selection of the exact date when and the hotel in which the Conference will be held, and 4) for contracting any paid professionals engaged in the conference.

Specific conference planning functions and implementations are delegated by the General Chairs to the Standing Committees (Program, Finance and Local Arrangements) and to hired professionals except as herein specified. The General Chairs, upon written notification to the Oversight Committee, will appoint members to the Standing Committees, and create any additional committees they deem necessary for the success of the Conference.

The Technical Committee prepares the technical program plans and is responsible for their implementation.

The Finance Committee advises in the preparation of the Budget and is responsible for all fund disbursement and for ensuring adherence to the approved Budget.

The Local Arrangements Committee assists with the planning of the operational aspects of the Conference and is responsible for local site implementations.



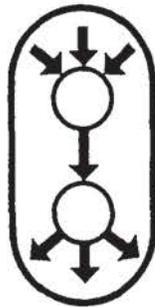
◆ **ADDENDA** ◆

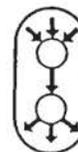


IEEE Neural Networks Committee

November 26, 1989

Denver Sheraton Tech Center





NEURAL NETWORKS

Proposed Agenda

IEEE Neural Networks Committee

11-26-89

- ◆ Approval of Agenda
 - ◆ Approval of Minutes of June 18th Meeting
 - ◆ Reports
 - Officer Reports
 - Chairman's Report (Marks)
 - Treasurer's Report (Eberhart)
 - Secretary's Report (Tzanakou)
 - Editor's Report (Rauch)
 - IJCNN Oversight Committee (Newcomb)
 - Report
 - Other Items
 - IEEE Volunteer Restructuring Proposal (Ephremides)
 - IJCNN Summer '90 (Karpus)
 - Status Report
 - Proposed Budget
 - Other
 - ◆ Discussion Items
 - CNN Newsletter — *Premature*
 - Glossary — *Awards Commit*
 - CNN Fellows Committee
 - ◆ Old Business
 - Council Constitution Committee (Rauch)
 - Other — *Meeting Management* (Rauch)
 - ◆ New Business — *IOE Items - to*
 - Neural Net Workshop (Marks/Eberhart)
 - NNC Membership
 - IEEE Industrial Applications Society Petition (Nutter/Cook)
 - IEEE Oceanic Engineering Society Petition (Simpson/Trueblood)
 - Finance
 - TAB Meeting Travel (Marks)
 - Editorial Expense (Rauch)
 - Secretarial Expense (Marks) — *Extra Help.*
 - Logos
 - Other — *Appoint Advice & Consent* (Eberhart)
- ◆ Adjourn
- ◆ Information Documents
 - NNC Members (TAB 8)
 - Oversight Committee Members (TAB 9)
 - Editorial Board (TAB 10)
 - CNN Constitution (TAB 15)

TAB 1
~~Thursday~~
 16th Tuesday 5:00
 6:30

TAB 3
 Widrow
 Newcomb
 TAB 2
 Posner

Standards

Premature
Awards Commit

Rauch as a

Meeting Management
IOE Items - to

Extra Help.

Appoint Advice & Consent

TAB 12

Charter of the IEEE Neural Networks Committee (NNC)

Agreement Among the Participating Societies Regarding IEEE Activities in Neural Networks.

SCOPE

The IEEE Neural Networks Committee is a committee of the IEEE Technical Activities Board consisting of IEEE Societies whose purpose is to coordinate technical activities in the interdisciplinary area of Neural Networks and provide the focus for cooperative efforts among TAB entities. The following Societies shall jointly sponsor the IEEE Neural Networks Committee, hereafter referred to as the Committee or NNC:

- Acoustics, Speech, and Signal Processing Society
- Circuits and Systems Society
- Communications Society
- Computer Society
- Control Systems Society
- Engineering in Medicine and Biology Society
- Industrial Electronics Society
- Information Theory Group
- Laser and Electro-Optics Society
- Systems, Man, and Cybernetics Society

The IEEE Neural Networks Committee shall act to foster activities in the area of Neural Networks by forming technical subcommittees, task forces, interest groups, and sponsoring technical workshops, symposia and international conferences. The NNC shall represent the IEEE Technical Activities Board in matters relating to Neural Networks.

THE COMMITTEE

The membership of the NNC shall consist of two delegates from each of the sponsoring Societies. These delegates must be appointed by their respective Societies for two-year staggered terms, and may be reappointed. Each sponsoring organization shall have one equal vote on matters before the NNC.

The committee shall elect biennially a Chairman from among its current membership. The Chairman shall serve as focus for all communications and shall direct, on behalf of

the NNC, the operational matters of the committee. For the duration of the office of Chairman, that individual will not be considered to be a representative of his/her respective Society, therefore able to represent more freely the overall objectives of the NNC. The Chairman's Society will be represented by the other delegate only. On a biennial basis, the NNC shall also elect a Secretary and a Treasurer. In addition to the usual duties regarding minutes, reports, records, etc., the Secretary shall serve as Chairman pro tem in the absence of the Chairman. When the election to office of a Committee member requires an extension of the member's term of appointment by the sponsoring Society, it is expected that such an extension will take place. This extension will be for either one or two years as necessary, to maintain the staggered appointment with the other delegate.

IMPLEMENTATION

This agreement shall be acted upon by the President of each sponsoring Society on behalf of the respective Administrative Committee or Board of Governors. Should any choose not to participate in this agreement, it is understood that their allocated positions on the NNC AdCom and their participation in sponsoring or funding of its activities shall be voided. The letter will be a binding agreement upon the parties when approved by their respective administrative committees and approved by the appropriate IEEE board(s). The original of this letter and of signed letters of transmittal indicating sponsorship agreement from the respective IEEE Societies will become a part of TAB records.

Once the NNC has been established, other IEEE Societies can petition to become members of the Committee. Such Societies must demonstrate that they have been active in the area of Neural Networks in the last two years. A two thirds majority vote is required by the NNC for admission of new members.

A Society can indicate its intent to withdraw from the NNC at any time. However, the withdrawing Society shall continue to be financially responsible for its share of future NNC activities which have been approved by the NNC prior to the date of withdrawal. If a Society withdraws from the NNC, its share in future NNC activities is divided equally among the remaining members.

FINANCIAL MATTERS

All member Societies share equally in the financial responsibilities of the NNC. Budgets requiring NNC approval shall be submitted to the sponsoring Societies at least sixty days in advance of the NNC vote, so that the sponsoring Societies can instruct their representatives accordingly. Budgets will be approved by majority vote of the committee.

The NNC shall be authorized to establish a reserve fund from which it can maintain its own operations. The fund shall be used to make cash advances to conferences sponsored by the NNC and to support the operating expenses of the Committee. The level of this reserve shall be 50% of the approved operating budget (including conference commitments) for the last year's operations. All monies above this level will be

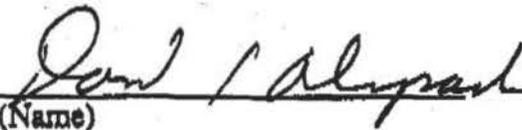
distributed to the sponsoring Societies on an equal basis at the close of the IEEE fiscal year.

AMENDMENTS

Changes in the procedures specified in this letter will be enacted by amendments to be approved by a two thirds majority of the sponsoring Societies.

Date 5/12/89

Agreed by


(Name)

President
(Office)

Oceanic Engineering Society
(Society)

-
1. The Computer Society has apparently chosen not to participate in the NNC (12/21/88, Robert J. Marks II, NNC Chairman pro tem).

YOICHI OKABE, ASSOCIATE PROFESSOR
DEPARTMENT OF ELECTRONIC ENGINEERING, THE FACULTY OF ENGINEERING
THE UNIVERSITY OF TOKYO, 7-3-1, Hongo, Bunkyo-Ku, Tokyo 113 JAPAN
Telex: 2722111 FEUT J; E-mail: tok%tecc.ecc.u-tokyo@relay.cs.net
Phone: 81(Japan)-3(Tokyo)-812-2111 ext 6664;
Fax: 81(Japan)-3(Tokyo)-818-5706

June 1, 1989

TELEFAX Number of pages : 1

TO: Dr. Robert J. Marks II
FAX: 1-206-543-3842

FROM: Yoichi Okabe

SUBJECT: IEEE meeting in June

I am sorry but I will be absent from the IJCNN meeting on June 18th. I have been very busy as I have four lectures a week this year and I tried to arrange my schedule as possible as I could, but I will not be able to attend the meeting finally.

Looking forward to seeing you at the next meeting.

Thank you.

Sincerely yours,

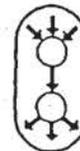
Yoichi OKABE

YO/as

TAB 13



NEURAL NETWORKS



Robert J. Marks II, Chairman
IEEE Neural Networks Committee
UNIVERSITY OF WASHINGTON, FT-10
DEPT. OF ELECTRICAL ENGINEERING
SEATTLE, WASHINGTON 98195 USA
(206) 543-6990: FAX (206) 543-3842
marks@blake.acs.washington.edu

Background: Article V, Section 11 of the Constitution of the *IEEE Council on Neural Networks* states:

NO OFFICER OF THE COUNCIL, REPRESENTATIVE ON COUNCIL AdCOM, OR EDITOR SHALL RECEIVE, DIRECTLY OR INDIRECTLY, ANY HONORARIUM, TRAVELING EXPENSES, COMPENSATION, OR EMOLUMENT FROM THE COUNCIL AS AN OFFICER OR IN ANY OTHER CAPACITY UNLESS AUTHORIZED BY COUNCIL AdCOM OR BY THE BYLAWS OF THE COUNCIL IN A MANNER IN CONFORMITY WITH IEEE POLICIES AND PROCEDURES.

SECTION 4 OF THE SAME ARTICLE CONTAINS:

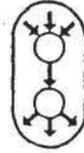
THE PRESIDENT SHALL ALSO BE AN *EX-OFFICIO* MEMBER OF THE IEEE TECHNICAL ACTIVITIES BOARD, AND, WHEN NOTIFIED OF A MEETING OF SAID BOARD, SHALL ENSURE REPRESENTATION OF THE COUNCIL.

Motion: NNC/CNN funds can be used at the discretion of the NNC Chair/acting CNN President for travel expenses to TAB meetings.

TAB 14



NEURAL NETWORKS

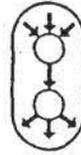


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SEATTLE, WASHINGTON 98195 USA
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marks@blake.acs.washington.edu

Motion: The NNC/CNN approves not more than \$200 in funds for the registering of the logo in the upper right hand corner of this page, the conference titles *International Conference on Neural Networks* and *International Joint Conference on Neural Networks* as well as the initial *ICNN* and *IJCNN*.



NEURAL NETWORKS



Robert J. Marks II, Chairman
IEEE Neural Networks Committee
UNIVERSITY OF WASHINGTON, FT-10
DEPT. OF ELECTRICAL ENGINEERING
SEATTLE, WASHINGTON 98195 USA
(206) 543-6990; FAX (206) 543-3842
marks@blake.acs.washington.edu

11-22-89

Esmi L. Bidstrup, Manager
TAB General Activities
IEEE
345 E. 47th Street
New York, NY 10017
(212) 705 7868
FAX: (212) 682-6005

Dear Ms. Bidstrup:

Thank you for your suggested corrections to the proposed constitution for the *IEEE Council on Neural Networks*. I enclose a corrected copy. Since the *IEEE Council on Neural Networks* has been approved by TAB, I have also dropped "Proposed" from the constitution and bylaws title pages.

I am pleased that all of the requested changes were either typos or superficial.

Sincerely,

A handwritten signature in black ink, appearing to read 'Robert J. Marks II' with a stylized flourish at the end.

Robert J. Marks II, Chair
IEEE Neural Networks Committee

cc: NNC Members

TAB 15

CONSTITUTION AND BYLAWS
FOR THE IEEE COUNCIL ON NEURAL NETWORKS

CONSTITUTION
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ARTICLE I	NAME AND PURPOSE
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	Section 2 Purpose
ARTICLE II	FIELD OF INTEREST
	Section 1 Field of Interest
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	Section 2 New Member Societies
	Section 3 Removal of Member Societies
	Section 4 Officers of Council AdCom
	Section 5 Voting Members of Council AdCom
	Section 6 IEEE Membership Requirement
	Section 7 Terms of Member Society Representatives
	Section 8 Vacancies of Member Society Representatives
	Section 9 Non-Voting Ex-Officio Members of Council AdCom
	Section 10 Liaison Representatives
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	Section 2 Method of Election
	Section 3 Filling of Council Office Vacancies
ARTICLE V	POWERS, PRIVILEGES, AND DUTIES
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	Section 2 Duties of Officers and Members
	Section 3 Appointment of Secretary, Treasurer Publications, Meetings Committee Chairpersons
	Section 4 Duties of Council President
	Section 5 Establishment of Standing Committees
	Section 6 Duties of Vice-President
	Section 7 Duties of Secretary
	Section 8 Duties of Treasurer
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	Section 11 Honoraria and Travel Expenses

ARTICLE VI FINANCIAL SUPPORT & EXPENDITURES

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- Section 2 Annual Meeting
- Section 3 Quorum
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- Section 5 Business Conducted by Telecommunication
- Section 6 Lack of Quorum

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- Section 3 Appointment of Editors

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- Section 2 Time and Locations of Meetings

ARTICLE X RECALL

- Section 1 Recall of Member Society Representatives
- Section 2 Recall of Voting Procedures

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- Section 1 Adoption and Amendment of Constitution
- Section 2 Adoption and Amendment of Bylaws
- Section 3 Precedence of IEEE Constitution, Bylaws, and Policies
- Section 4 Effective Date of Constitution

PROPOSED CONSTITUTION FOR THE
IEEE COUNCIL ON NEURAL NETWORKS

ARTICLE I

NAME AND PURPOSE

Section 1. The name of the organization constituted herein shall be the IEEE Council on Neural Networks.

Section 2. The purpose of the Council is to advance and coordinate work in the field of Neural Networks carried out throughout the IEEE and as such is exclusively scientific, literary and educational in character. In furtherance of the foregoing, the Council may publish appropriate periodicals, sponsor IEEE Neural Networks related conferences and conference sessions, sponsor IEEE Press publications, and engage in any other activity within its field of interest. All such actions must be in consonance with the Constitution, Bylaws, and Statements of Policy of the IEEE, with special attention to such aims within the field of interest of the Council as are hereinafter defined.

ARTICLE II

FIELD OF INTEREST

Section 1. The field of interest of the Council and its activities and programs shall consist of aspects of the theory, design, and applications of neural networks that range from software to hardware. Changes to the field of interest may be made with approval of the IEEE Technical Activities Board.

ARTICLE III

MEMBERSHIP OF THE COUNCIL

Section 1. The Council shall be composed of IEEE Societies which have demonstrated a strong interest in Neural Networks and are supporting technical activities in the field. These Societies must agree to share the responsibility for all obligations of the Council, including those financial, in accordance with this Constitution and the Council Bylaws.

Section 2. Each new Member Society must be approved by a two-thirds affirmative vote of the voting members of the Council AdCom, and by the IEEE Technical Activities Board before it may join the Council.

Section 3. If a Member Society does not have any representative present at any of the Council AdCom meetings held during a calendar year and is inactive in Council affairs, the Member Society may be dropped from Council membership. Notice of such proposed action shall be given to the President of the delinquent Society at least twenty days before the Council

meeting where such action will be considered. Such action must be approved by two-thirds of the AdCom members present and voting and by the IEEE Technical Activities Board before it becomes final.

Section 4. The officers of the Council shall be as follows: President, Vice-President, Secretary, and Treasurer.

Section 5. Council business will be conducted by its AdCom which will include both voting and non-voting members. The voting members will be:

- a. Two representatives to be appointed by each Member Society.
- b. The President, Vice-President, Secretary and Treasurer
- c. The most recent available immediate past President of the Council.

An individual may not serve concurrently as both a Council officer and a Council Member Society representative. When a Member Society representative is elected to a Council office, the Council office shall take precedence over the Society appointment, and any resulting vacancy(s) shall be filled promptly by the appropriate Society.

Section 6. Each representative and officer on the Council must be an IEEE member.

Section 7. The term of office of a Member Society representative on the Council shall be two years with each of the two Society representatives appointed by the Society in alternate years. No Society representative shall be eligible to serve more than four consecutive years. An unexpired term filled for more than six months shall count as a full year. Reappointment after the completion of any term of four consecutive years may be made only after a lapse of at least one year.

Section 8. When a within-term Council representative vacancy occurs, the Council President shall request the appropriate Society to appoint a representative to complete the unexpired term.

Section 9. The non-voting ex-officio members of the Council AdCom will be:

- a. The Director of the Division in which the Council resides.
- b. The TAB Staff Secretary.
- c. The General Manager of IEEE.
- d. The IEEE Vice-President for Technical Activities.

Section 10. Any other IEEE Society which is not a member of the Council may send a non-voting liaison representative to attend for the purpose of establishing lines of communication between the Council and the parent Society represented.

ARTICLE IV

ELECTION AND APPOINTMENT OF OFFICERS

Section 1. Every year, the voting members of the Council AdCom shall elect a President, Vice-President, Secretary and Treasurer at the Annual Meeting. The officers shall serve for one year. No person shall be eligible to serve more than two consecutive one year terms for the same office.

Section 2. Officers shall be elected and appointed in accordance with the rules specified in the Council Bylaws.

Section 3. If the Office of President becomes vacant, the Vice-President shall become President for the remainder of the term assumed. If the office of Vice-President, Secretary or Treasurer becomes vacant, the voting members of the Council AdCom shall elect a new officer promptly.

ARTICLE V

POWERS, PRIVILEGES, AND DUTIES

Section 1. It shall be the duty of each representative of a Member Society to participate in matters before the Council AdCom and to keep the Administrative Committee of the Society represented informed concerning Council business. Members of any Member Society AdCom may attend any open meeting of the Council as observers.

Section 2. The duties and responsibilities of the officers and members of the Council AdCom shall be as defined hereunder and in the Bylaws, and as further delineated by the Council.

Section 3. The President shall appoint for a term concurrent with his presidency, the Editors of Council's Periodicals and the Chairpersons of the standing committees of the Council as specified in the bylaws on or before January 1st of the year in which he takes office as President. All appointments shall be made with the advice and consent of the Council AdCom. The Editor and Chairperson appointments need not be made from among the individuals who are on the Council AdCom as Society representatives.

Section 4. The Council President, under the direction of Council AdCom, shall call all regular, annual, and special Council AdCom meetings and shall preside over them. The President shall coordinate and supervise activities of the Council and have such other powers and perform such other duties as may be provided for in the Council Constitution or Bylaws or as may be delegated to the President by vote of the Council AdCom. Included in the President's duties shall be the responsibility to see that the orders and resolutions of the Council, the IEEE Technical Activities Board, the IEEE Executive Committee, and the IEEE Board of Directors are carried out. The President shall be an *ex-officio* member of all standing and special committees of the Council except the Nominating Committee. The President can vote during the election of officers. The President shall also be an *ex-officio* member of the IEEE Technical Activities Board, and, when notified of a meeting of said Board, shall ensure representation of the Council.

Section 5. Standing committees may be established as needed. With the advice and consent of the Council AdCom, the President shall appoint committee officers (and members, if such action is not specifically delegated in the establishment action of the Council) and shall fill any vacancies that occur during the year.

Individuals appointed as committee officers or members shall serve a nominal term of one year but shall continue to serve until their successors are appointed or the committee is dissolved, except where other terms are specifically designated by the Constitution or Bylaws.

The President may appoint *ad hoc* committees for special assignments as needed.

Section 6. The Vice-President shall assist the President in fulfilling all assigned duties, and shall assume the duties and have the power, privileges, and responsibilities of the President during the latter's absence or incapacity.

Section 7. The Secretary shall be responsible for all reports, petitions and records concerning the Council, keeping true and faithful minutes of all meetings of the Council AdCom, and shall prepare such reports as may be required by the Council, the IEEE Technical Activities Board, or the IEEE Executive Committee. The Secretary shall send out notices when instructed to do so by the President or in accordance with requirements of the Council Constitution or Bylaws. Copies of all meeting notices, minutes of meetings, and letter or bulletins sent and received during the previous two years shall be kept by the Secretary, except for those specifically assigned to the custody of others, and the Secretary shall send current copies to IEEE Headquarters for archival storage.

In the absence or incapacity of the President and Vice-President, the Secretary shall perform the duties of the President and have all Presidential powers, privileges, and responsibilities during the absence or incapacity of the President and Vice-President.

Section 8. The Treasurer shall propose a budget for Council operation to be endorsed by Council AdCom and approved by TAB and shall monitor expenditures to verify that they are in accordance with the approved budget. The Treasurer shall prepare financial reports as requested by the Council President, and shall keep the Treasurers of the Member Societies informed on Council financial matters affecting their budgets. The Council Treasurer shall approve the Conference budgets after they are approved by the Meetings Committee prior to being forwarded to IEEE Headquarters for review and final approval.

The Treasurer may utilize the services of IEEE headquarters as bursar for all or part of the Council funds, as provided by the IEEE Bylaws and Statements of Policy. If any parts of the Council funds is received and deposited separately, the terms and conditions shall be in accordance with IEEE policies and subject to Council Bylaws and any other limitations imposed by the Council. Disbursements shall be made on the signature or instructions of the Treasurer. If the Treasurer is disabled or unable to serve, the President may make disbursements during his incapacity.

Section 9. The President, elected and appointed officers shall normally assume office on January 1st or as soon thereafter as practicable.

Section 10. The officially constituted officers of the Council shall have the sole authority to obligate the funds and assets of the Council to promote the Council's activities, provided that no Council officer or representative shall have authority to contract debts for, pledge the credit of, or in any way bind the IEEE for activities prohibited by the Bylaws of the IEEE or the Constitution and Bylaws of the Council.

Section 11. No officer of the Council, representative on Council AdCom, or Editor shall receive, directly or indirectly, any honorarium, traveling expenses, compensation, or emolument from the Council as an officer or in any other capacity unless authorized by Council AdCom or by the Bylaws of the Council in a manner in conformity with IEEE policies and procedures.

ARTICLE VI

FINANCIAL SUPPORT & EXPENDITURES

Section 1. The financial support for the Council shall be derived from subscription sales of Council Publications, any surplus from the Conferences organized or sponsored by the Council, other programs and products sponsored by the Council, and allocations of funds provided by the Member Societies.

Section 2. The Council may raise revenues by other means provided such means are consistent with applicable IEEE rules and regulations and are within the approved Council field of interest. The Council must receive an opinion from the General Manager of the IEEE that any revenue means not explicitly covered by IEEE Statements of Policy does not conflict with IEEE policy before being adopted by the Council.

Section 3. Monies held by or for the Council legally belong to the IEEE, and shall not be expended for activities prohibited by the Constitution, Bylaws and Statements of Policy of the Institute, the Constitution and Bylaws of the Council, or any other purposes known to be inimical to the interests of the IEEE. Returns from investment of Council funds shall be credited to the Council.

ARTICLE VII

COUNCIL MEETINGS

Section 1. The Council shall hold an Annual Meeting. Additional meetings of the Council, represented by its AdCom, may be held at such times as are found necessary or convenient. Meetings of the Council AdCom may be called at the discretion of the Council President or upon request by at least four AdCom members. The time, place and agenda shall be announced to all members of the Council AdCom at least twenty days in advance of the meeting, or by first-class mail to the address of record of each Council AdCom Member at least twenty-five days in advance of the meeting.

Section 2. The Annual meeting of the Council shall normally be the last AdCom meeting of the year held at a time and place designated by the President.

Section 3. One-third of the voting members of the Council AdCom, which must include representatives from at least one-third of the Member Societies, shall constitute a quorum. Written proxies will not be accepted in determining the quorum. The Chairperson of the Publications Committee, and the Chairperson of the Meetings Committee, the Secretary, and the Treasurer shall be *ex-officio* members of the Council with a vote on all matters except election of officers and changes to the Constitution and Bylaws. If the offices of Secretary and Treasurer are combined, there shall be one vote by the officer.

Section 4. If a regular representative from a Member Society is unable to attend a meeting of the Council AdCom, the President of the Member Society may designate an alternate by a letter of proxy, who shall have all the powers of the regular representative. Officers of the Council may not delegate their powers by proxy.

Section 5. Business of the Council may be transacted by correspondence, or other telecommunication means where in the opinion of the President matters requiring action can be adequately handled in that manner. All voting members of the Council should be informed on such interim actions, and a majority of the entire Council must be reached for ratification of the actions, if balloting is necessary, unless otherwise provided by the Constitution or Bylaws.

Section 6. If less than a quorum is in attendance at duly called meetings, tentative actions may be taken that will become effective upon subsequent ratification, either at a subsequent meeting or by mail, as specified in Section 5 above.

ARTICLE VIII

PUBLICATIONS

Section 1. All Council publication activities shall be subject to IEEE policies, and to any further guidance or controls prescribed by the Council AdCom or its duly appointed committees.

Section 2. The Council may publish appropriate Periodicals in accordance with IEEE Policies and Procedures. Selection of the published material shall be in accordance with the objectives and policies of IEEE and the Council.

Section 3. The Council President, with the advice and consent of the Council AdCom, shall appoint the Editors who shall in turn appoint associate and/or guest editors as may be required to implement the publications program.

ARTICLE IX

CONFERENCES AND TECHNICAL MEETINGS

Section 1. All Council conferences and technical meeting activities shall be subject to IEEE policies, and to any further guidance or controls prescribed by the Council or its duly-appointed committees.

Section 2. The Council shall determine the time and location of each sponsored Conference and technical meeting. Furthermore, the Council shall not be bound by any agreements, within or without IEEE, made prior to ratification of this Constitution.

ARTICLE X

RECALL

Section 1. If at any time during the year and for any reason the best interests of the Council seem to require a change in Member Society representatives or officers, the matter shall be discussed at a regular or a special meeting of the Council AdCom called for the purpose of considering and voting upon the recommended change. At least twenty days before the Council AdCom meeting, notice of such proposed action shall be given to all appropriately interested individuals, including the President and Secretary of each Member Society involved and the Chairman and Secretary of the IEEE Technical Activities Board.

Section 2. An affirmative vote of two-thirds of the voting members of the Council AdCom shall be necessary to declare a vacancy for cause.

For the purposes of this Section, an abstention shall be counted as a cast negative vote.

ARTICLE XI

AMENDMENTS

Section 1. Sections of this Constitution may be adopted or amended by action of the Council at a regular or special meeting if the following provisions are met:

- a. Notice of the meeting and of the proposed change(s) must be mailed by first-class mail to the last-known address of each member of the Council AdCom at least twenty-five days prior to such meeting.
- b. A two-thirds affirmative vote of the votes cast by the members of the Council AdCom is required for passage.
- c. An amendment may be approved by a mail ballot if at least a thirty-day period is provided for responses, and two-thirds of the entire Council AdCom votes affirmatively.
- d. The Amendment shall become effective immediately after ratification by the IEEE Technical Activities Board.

Section 2. Bylaws to this Constitution may be adopted or amended by a two-thirds affirmative vote of the votes cast by the Council AdCom at a regular or special meeting, provided that notice of the meeting and a copy of the proposed change(s) is mailed by first-class mail to the last known address of each member of the Council AdCom at least twenty-five days prior to such meeting.

A Bylaw may also be adopted or amended by a mail ballot provided that a copy of the proposed change(s) is mailed to the last known address of each member of Council AdCom, at least thirty days are allowed for a reply, and a majority of the entire Council AdCom votes affirmatively.

The new Bylaw or Amendment shall be filed with the Secretary of the IEEE Technical Activities Board at least twenty days prior to the effective date.

Section 3. The Constitution, Bylaws, and Statements of Policy of the IEEE shall, at all times, take precedence over those of the Council.

Section 4. All amendments to the Constitution or Bylaws shall become effective immediately after all required approvals have been obtained, unless a later date has been specified at the time of the vote.

Constitution Adopted: _____

To Be Effective: _____

BYLAWS

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BYLAWS FOR THE IEEE COUNCIL ON NEURAL NETWORKS

These Bylaws provide detailed guidance for the supervision and management of Council affairs, in accordance with the Council Constitution. Amendments or additions may be made by means of the procedures described in Article XI, Section 2, of the Constitution.

ARTICLE I RULES OF ORDER

Section 1. In all matters not covered by the Constitution, Bylaws, and Rules, the Council shall be governed by the latest edition of Robert's Rules of Order.

ARTICLE II MEMBER SOCIETIES

Section 1. The Member Societies of the Council shall be those formally admitted by the IEEE Technical Activities Board in accordance with the Council Constitution. A current listing of Member Societies will be maintained by the TAB Secretary at IEEE Headquarters.

Section 2. Any Member Society unwilling or unable to continue to share responsibilities as defined in the Council Constitution may resign from the Council. When a letter of resignation has been received by the Council Secretary, the resigning Society shall be dropped from the Council roll at the end of the calendar year. Any former Member Society may later rejoin, without prejudice, on the same basis as any new applicant.

ARTICLE III NOMINATIONS, ELECTIONS, AND APPOINTMENTS

Section 1. The Nominating Committee, which is a Standing Committee of the Council, shall consist of a Chairperson and three other members. At least one shall not be a current Council member but shall belong to at least one Member Society. The officers of the Council may not serve on the Nominating Committee nor be members *ex-officio*.

Section 2. The Chairperson of the Nominating Committee shall consult with each candidate prior to nomination to determine willingness to serve if elected.

Section 3. The Nominating Committee shall be guided in its selections by the principles of efficiency, geographical distribution, past history, and technical interest.

Section 4. The Chairperson of the Nominating Committee shall submit the Committee Report to the Council AdCom at the beginning of its Annual Meeting, or with the approval of the Council President, by letter to all qualified voting officers and representatives on the Council AdCom prior to the Annual Meeting. From the floor of the same meeting or by letters mailed to the entire Council AdCom, the officers and representatives may make additional nominations.

Section 5. The names of any candidates of the Council who are not eligible under the Constitution or Bylaws shall be withdrawn by the President of the Council.

Section 6. Election of the officers, whenever a vacancy exists, shall be from those nominated as specified in these Bylaws, Article III, Sections 2, 3, 4, and 5. Elections shall be by secret ballot of the voting members of the Council AdCom. For the first year of operation of the Council, the officers must be elected by secret ballot directly by the Council AdCom. Nominations must be made by the voting AdCom members.

Section 7. If any Council office becomes vacant at any time during the year, and if the vacant office cannot be filled by logical succession of an existing Council officer as described in the Constitution and Bylaws, the Council will promptly hold an election to fill the existing vacancy. As needed, elections shall be held separately for the offices of President, Vice-President in that order. To be elected, a nominee must receive a majority of the proper votes cast. If no candidate receives a majority on a ballot, the name of the candidate receiving the smallest vote shall be withdrawn and a second ballot taken. This procedure shall be repeated until one candidate receives a majority vote.

The Council AdCom may hold contingent elections to be effective if an elected officer fails to accept office, is disapproved by IEEE Headquarters because there has been some irregularity in the nominations and election procedures, or has failed to maintain IEEE membership and Society membership.

Section 8. The President of the Council shall inform each successful candidate of his election and shall arrange for the transfer of responsibility. The name of each elected officer shall be reported to the Chairman and Secretary of the IEEE Technical Activities Board.

ARTICLE IV

STANDING COMMITTEES

Section 1. The Standing Committees shall include the following:

- Meetings Committee
- Publications Committee
- Nominating Committee
- Constitution and Bylaws Committee

Section 2. The Council may establish such additional Standing Committees as may be deemed desirable.

Section 3. Each Standing Committee shall have the power to create subcommittees of its own selection.

Section 4. The organization of each Conference or Technical Meeting sponsored by the Council shall include a Steering Committee and a Program Committee whose Chairperson shall be appointed by the President upon the recommendation of the Meetings Committee and with the advice and consent of the Council AdCom. The individual members of the respective committees should be appointed by the above officials. The Meetings Committee, with approval of the Council, may plan, organize and sponsor other activities held in conjunction with Conferences of other societies.

Section 5. The Publications Committee shall establish publication policy subject to annual review by the Council. It shall assist the appropriate Editors of Council Periodicals in the choice of special topics and in guiding and planning all Publications.

Editors may designate associate editors, special guest editors, and manuscript reviewers, doing so in accordance with general IEEE statements of Policy.

Editorial expenses must be in accordance with an annual budget approved by the Council. Editors may authorize publication expenses, but shall be responsible for adherence to the publication budget.

Section 6. The Nominating Committee shall be appointed by the President of the Council in accordance with the provisions of the Constitution and Article III, Section 1, of these Bylaws. It shall have the duties described in Article III, Sections 1, 2, 3, 4, of these Bylaws. the Chairperson of the Nominating Committee shall be the past president of the Council.

Section 7. The Secretary of the Council shall serve as the Chairperson of the Constitution and Bylaws Committee. Additional members may be appointed by the President upon request of the Council's AdCom.

The functions of the Constitution and Bylaws Committee will be to:

- a. Maintain up-to-date copies of the Constitution and Bylaws and make them available upon request.
- b. Ascertain that the Constitution and Bylaws are not in conflict with any requirements or rules of IEEE Headquarters.
- c. Recommend changes in the Constitution or Bylaws as necessary to conform to the development of the Council or to changes by IEEE Headquarters.
- d. The Chairperson of the Constitution and Bylaws Committee shall serve as Parliamentarian and Consultant on Procedural matters at meetings of the Council AdCom.

ARTICLE V

FINANCES

Section 1. The Treasurer shall submit a proposed Council budget for the ensuing year in accordance with IEEE budget development guidelines. When approved by the Council and the TAB, this budget shall become the working budget for the following year. This approved budget will constitute authorization to the Treasurer to disburse the funds in amounts not to exceed any budgeted item.

The Treasurer shall be responsible for forwarding to IEEE Headquarters the approved budget, and Headquarters will be thereby authorized to disburse the funds in accordance with instructions from the Treasurer.

The Treasurer shall obtain a financial statement of receipts, expenditures, and balances from IEEE Headquarters at least twice yearly and shall distribute copies of this statement to all members of the Council AdCom. The treasurer shall also keep a running account of commitments to date.

Section 2. The financial support for the Council shall be derived from the income from sales of the Council Periodicals, Books and IEEE Press publications, and from its share of any surplus from the Council sponsored Conferences. The Periodicals subscription prices to members of the Council Member Societies shall be set to be no less than self-sustaining.

Section 3. In the event of a distribution of surplus, or payment of a deficit, during the first year of publication of a Council periodical, each Council Member Society shall receive or pay an equal share.

Section 4. In the event of a distribution of surplus, or payment of a deficit, during the second and subsequent years of publication of a Council periodical, each Council Member Society shall receive or pay a share according to the ratio of the number of its members who subscribe to the periodicals as of September 30th. For the purpose of determining this ratio, an individual who belongs to more than one Council Member Society shall be counted in each one. Any surplus from the Council sponsored Conferences that has been distributed to the Council may be used for operating expenses, but no other assessment may be made on the Conferences.

Section 5. The Treasurer of Council sponsored Conferences is authorized to open an account in the Conference's name, to be used for the deposit and disbursement of funds related to the Conference. The Council shall be advised of the name of the bank, the anticipated size of the account, the names of the account, signatories and of arrangements for insurance and bonding, all of which must be in accordance with IEEE policies and procedures.

ARTICLE VI

COUNCIL MEETINGS

Section 1. The Secretary shall announce to the members of the Council AdCom all Chairpersons of Standing and Special Committees and appropriate guests of the time, place, and agenda of all meetings of the Council AdCom at least twenty days in advance of the meeting or by first class mail at least twenty-five days in advance of the meeting.

Section 2. A roll call shall be made at the beginning of each Council AdCom meeting. The Secretary shall record the names of those present and announce whether a quorum exists.

Section 3. The Secretary shall transmit in writing within ten days of their adoption all motions, directives, or orders of the Council to the persons affected. The secretary shall transmit a copy of the minutes of the Council AdCom to the officers, members of the Council AdCom, Chairpersons of the Standing and Special Committees, and to the Secretary of the IEEE Technical Activities Board within thirty days of the meeting. As soon after January 1st as practicable, the Secretary shall provide a directory listing the names and address of all of the above-mentioned people to each person named therein.

Section 4. The Chairpersons of all Standing Committees who are not voting members of AdCom shall be invited to attend all meetings of the Council AdCom as guests and advisors.

Section 5. Meetings of the Council AdCom may be cancelled only by consent of a majority of all the members of the Council not less than fourteen days before the original date or the new date set for the meeting, whichever is earlier. Notice of such cancellation or changed date shall be given all Council AdCom members by mail not less than ten days before the original or the new date, whichever is earlier.

Section 6. Meetings of the Council AdCom may be held at international or regional technical meetings or conventions of the IEEE, jointly with a Section, separately, or jointly with another society, whenever such a meeting is deemed desirable by the Council.

Bylaws adopted _____ to be effective _____

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DEAR SOCIETY/COUNCIL PRESIDENT:

THE FOLLOWING QUESTIONNAIRE WAS PRESENTED AT THE TAB MEETINGS IN NOVEMBER 1989 AT TARPON SPRINGS. IT WAS SLIGHTLY MODIFIED ACCORDING TO COMMENTS RECEIVED AT THAT MEETING. THIS QUESTIONNAIRE IS TO AID IN FULFILLING THE REQUIREMENTS FOR EACH IEEE SOCIETY/COUNCIL TO REVIEW ITS OPERATION EVERY FIVE YEARS. THIS QUESTIONNAIRE IS INTENDED FOR THE SOCIETY/COUNCIL TO "SELF STUDY" ITSELF.

THIS INITIAL SURVEY IS BEING SENT TO ALL 1989 AND 1990 SOCIETY/COUNCIL PRESIDENTS AT THE REQUEST OF DR. TROY NAGLE, TAB CHAIRMAN 1990. PLEASE SEND REPLIES TO

BOB BEGUN

23609 SKYVIEW TERRACE

LOS GATOS, CA 95030

PHONE 408/353-1560

FAX 408/354-1463 (LIST MY PHONE NUMBER ON THE COVER SHEET)

BY 1 APRIL 1990. THE RESULTS WILL BE COLLATED AND SENT TO ALL COUNCILS/SOCIETIES BY 1 AUGUST 1990..

BOB BEGUN, SOCIETY SELF STUDY COMMITTEE CHAIRMAN

Bob Begun SOCIETY SELF STUDY QUESTIONNAIRE

11/24/89

1. FINANCE

A. HOW DOES THE SOCIETY DERIVE ITS INCOME - CATEGORIES AND PERCENT FOR PAST TWO YEARS.

B. HOW DO YOU SPEND YOUR MONEY - CATEGORIES AND PERCENT FOR PAST TWO YEARS.

C. WHAT IS THE HISTORY OF YOUR RESERVE MONEY - PAST 5 YEARS.

2. CONFERENCES

A. DO YOU NEED ANOTHER CONFERENCE ?

B. DO YOU CO-OPERATE WITHIN/WITHOUT IEEE ORGANIZATIONS ?

C. WHAT IS YOUR MEETING/CONFERENCE ATTENDANCE - PAST 3 YEARS.

D. WHO ARE THE ATTENDEES OF YOUR MEETING/CONFERENCE FOR PAST THREE YEARS :

* % OF SOCIETY MEMBERS

* % OF IEEE MEMBERS

* % IN INDUSTRY/ACADEMIA/GOVERNMENT/OTHER

* % OF PERSONS PRESENTING PAPERS

E. DOES THE SOCIETY HAVE CONFERENCES OR WORKSHOPS OUTSIDE THE USA ? IF SO, WHERE, WHEN FOR PAST FIVE YEARS.

*ANY PLANS FOR CONFERENCE/WORKSHOP OUTSIDE THE USA ?

3. PUBLICATIONS

A. ARE YOUR PUBLICATION PAGES/FREQUENCY INCREASING FOR PAST THREE YEARS ?

*ANY PLANS TO INCREASE PAGES/FREQUENCY ?

B. ARE YOUR PUBLICATIONS THEORETICAL OR MORE PRACTICAL ?

C. DO YOU HAVE COMPETING PUBLICATIONS ?

D. IF SO, LIST.

E. DO YOU HAVE A MAGAZINE ?

F. IF NOT, ANY PLANS FOR ONE ?

G. HOW DO YOU SEND YOUR PUBLICATIONS TO NON US MEMBERS ?

4. MEMBERSHIP

A. WHAT IS THE HISTORY OF YOUR MEMBERSHIP TOTAL FOR PAST FIVE YEARS ?

B. WHO ARE YOUR POTENTIAL MEMBERS ?

C. WHAT IS YOUR MARKET SHARE OF POTENTIAL MEMBERS TODAY ?

D. HOW DO YOU MEASURE MEMBERSHIP SATISFACTION ?

E. WHAT ARE THE OTHER INTERESTS OF YOUR MEMBERS ?

F. TO WHAT OTHER SOCIETIES/ORGANIZATIONS DO THEY BELONG ?

G. HOW DO THESE OTHER ORGANIZATIONS COMPARE TO YOUR SOCIETY?

H. RELATIONSHIP BY PERCENTAGE OF ACADEMIA, INDUSTRY, GOVERNMENT, OTHER FOR PRESENT MEMBERSHIP.

H. WHAT REGIONS BY PERCENTAGE MAKE UP YOUR PRESENT MEMBERSHIP?

I. ANY PLANS FOR A CAMPAIGN TO INCREASE MEMBERSHIP OVERALL AND/OR NON US MEMBERSHIP IN PARTICULAR ?

5. GENERAL

A. DO YOU CO-OPERATE WITHIN /WITHOUT IEEE ORGANIZATIONS ?

B. IS YOUR FIELD OF INTEREST STILL RELEVANT ?

C. WHEN WAS IT LAST UPDATED ?

D. HAVE YOU CONSIDERED A MERGER WITH ANOTHER SOCIETY ? IF SO, WHEN AND TO WHAT LEVEL DID THE MERGER PROCEED ?

- E. WHAT ARE YOUR TARGETS OF OPPORTUNITY I.E. NEW FIELDS ?
- F. WHAT ARE YOUR PROBLEMS ?
- G. WHAT ARE YOUR GOALS ?
- H. WHAT ARE YOUR PLANS ?

6. ADCOM

- A. HOW DO YOU ELECT ADCOM MEMBERS ?
- B. WHAT IS THEIR AVERAGE AGE ?
- C. WHAT IS THEIR AVERAGE EXPERIENCE ?
- D. PROPORTION OF ACADEMIC, INDUSTRY, GOVERNMENT, OTHER ?
- E. HOW OFTEN DO YOU ROTATE ADCOM MEMBERS ?
- F. ARE THE TERMS STAGGERED ?
- G. WHAT ARE THE LENGTHS OF THE TERMS ?
- H. ARE SEAT(S) DESIGNATED FOR JUNIOR PERSONS ?
- I. ARE SEAT(S) DESIGNATED FOR NON US MEMBERS ?

7. COMMENTS

PLEASE ADD INFORMATION, COMMENTS, ADDITIONAL QUESTIONS/ANSWERS
THAT WOULD HELP THE SURVEY.

THANKS!

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990, 543-6061 or 543-2150
FAX: (206) 543-3842; marks@blake.acs.washington.edu*

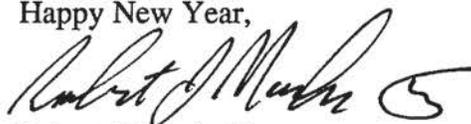
December 27, 1988

Dear IEEE Neural Network Committee Members:

A number of items are attached:

- PINK: The proposal you were sent under separate cover concerning the ICNN-INNS merger has been approved by majority vote of the NNC committee. A copy of my letter to Bernie Widrow, INNS Chair, is attached. Thanks to Nick DeClaris and his Negotiating Subcommittee for a fine and speedy job. This five-member committee will continue as the five members representing the NNC on the IJCNN Oversight Committee for IJCNN '89.
- BLUE: Action items for our D.C. meeting with the NNC minutes from the NIPS conference are also attached. Note that the IEEE Engineering Management Society is petitioning for NNC membership.
- GREEN: According to the NNC charter, member societies are to review proposed conference budgets two months prior to NNC voting. I have drafted a letter to member Society Presidents and have sent them the budget and conference plan. This is the green attachment. Please note that this document is IEEE proprietary.
- YELLOW: The NNC Publications Subcommittee has drafted a letter to the member Society Presidents concerning an IEEE Neural Networks Transaction. A copy is attached in green. A more detailed proposal is being crafted and will be sent to you soon for your comments. Any comments to the Subcommittee members (see attachment) are most welcome.

Happy New Year,



Robert J. Marks II
NNC President pro tem

RJM:cc

Attachments

cc: Dr. Paul A. Willis, IEEE Engineering Management Society, President
Mike Aronstein, San Diego Section

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990, 543-6061 or 543-2150
FAX: (206) 543-3842; marks@blake.acs.washington.edu*

December 22, 1988

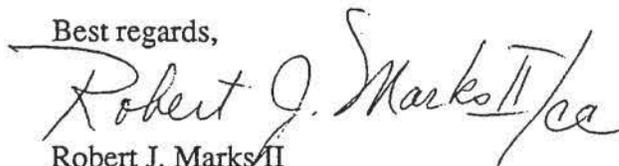
Prof. Bernard Widrow, Chair
International Neural Network Society
Department of Electrical Engineering
Stanford University
Stanford, CA 94305

Dear Bernie:

I am delighted to inform you that the proposal for the merger of the INNS and ICNN conferences has been approved by a majority vote of the IEEE Neural Networks Committee (NNC). Inherent in this agreement is the understanding that the Charter of the NNC and all guidelines of IEEE concerning such activities be adhered to. A copy of our Charter is attached.

We in the NNC look forward to a long, fruitful and mutually beneficial relationship with the INNS.

Best regards,



Robert J. Marks II
NNC Chairman pro tem

RJM:cc

Attachment

cc: NNC Members

Charter of the IEEE Neural Networks Committee (NNC)

Agreement Among the Participating Societies Regarding IEEE Activities in Neural Networks.

SCOPE

The IEEE Neural Networks Committee is a committee of the IEEE Technical Activities Board consisting of IEEE Societies whose purpose is to coordinate technical activities in the interdisciplinary area of Neural Networks and provide the focus for cooperative efforts among TAB entities. The following Societies shall jointly sponsor the IEEE Neural Networks Committee, hereafter referred to as the Committee or NNC:

- Acoustics, Speech, and Signal Processing Society
- Circuits and Systems Society
- Communications Society
- Computer Society
- Control Systems Society
- Engineering in Medicine and Biology Society
- Industrial Electronics Society
- Information Theory Group
- Laser and Electro-Optics Society
- Systems, Man, and Cybernetics Society

The IEEE Neural Networks Committee shall act to foster activities in the area of Neural Networks by forming technical subcommittees, task forces, interest groups, and sponsoring technical workshops, symposia and international conferences. The NNC shall represent the IEEE Technical Activities Board in matters relating to Neural Networks.

THE COMMITTEE

The membership of the NNC shall consist of two delegates from each of the sponsoring Societies. These delegates must be appointed by their respective Societies for two-year staggered terms, and may be reappointed. Each sponsoring organization shall have one equal vote on matters before the NNC.

The committee shall elect biennially a Chairman from among its current membership. The Chairman shall serve as focus for all communications and shall direct, on behalf of

the NNC, the operational matters of the committee. For the duration of the office of Chairman, that individual will not be considered to be a representative of his/her respective Society, therefore able to represent more freely the overall objectives of the NNC. The Chairman's Society will be represented by the other delegate only. On a biennial basis, the NNC shall also elect a Secretary and a Treasurer. In addition to the usual duties regarding minutes, reports, records, etc., the Secretary shall serve as Chairman pro tem in the absence of the Chairman. When the election to office of a Committee member requires an extension of the member's term of appointment by the sponsoring Society, it is expected that such an extension will take place. This extension will be for either one or two years as necessary, to maintain the staggered appointment with the other delegate.

IMPLEMENTATION

This agreement shall be acted upon by the President of each sponsoring Society on behalf of the respective Administrative Committee or Board of Governors. Should any choose not to participate in this agreement, it is understood that their allocated positions on the NNC AdCom and their participation in sponsoring or funding of its activities shall be voided. The letter will be a binding agreement upon the parties when approved by their respective administrative committees and approved by the appropriate IEEE board(s). The original of this letter and of signed letters of transmittal indicating sponsorship agreement from the respective IEEE Societies will become a part of TAB records.

Once the NNC has been established, other IEEE Societies can petition to become members of the Committee. Such Societies must demonstrate that they have been active in the area of Neural Networks in the last two years. A two thirds majority vote is required by the NNC for admission of new members.

A Society can indicate its intent to withdraw from the NNC at any time. However, the withdrawing Society shall continue to be financially responsible for its share of future NNC activities which have been approved by the NNC prior to the date of withdrawal. If a Society withdraws from the NNC, its share in future NNC activities is divided equally among the remaining members.

FINANCIAL MATTERS

All member Societies share equally in the financial responsibilities of the NNC. Budgets requiring NNC approval shall be submitted to the sponsoring Societies at least sixty days in advance of the NNC vote, so that the sponsoring Societies can instruct their representatives accordingly. Budgets will be approved by majority vote of the committee.

The NNC shall be authorized to establish a reserve fund from which it can maintain its own operations. The fund shall be used to make cash advances to conferences sponsored by the NNC and to support the operating expenses of the Committee. The level of this reserve shall be 50% of the approved operating budget (including conference commitments) for the last year's operations. All monies above this level will be

distributed to the sponsoring Societies on an equal basis at the close of the IEEE fiscal year.

AMENDMENTS

Changes in the procedures specified in this letter will be enacted by amendments to be approved by a two thirds majority of the sponsoring Societies.

Date _____

Agreed by

(Name)

(Office)

(Society)

-
1. The Computer Society has apparently chosen not to participate in the NNC (12/21/88, Robert J. Marks II, NNC Chairman pro tem).

Action items for the NNC meeting at IJCNN '89 in Washington, D.C.

- **NNC Membership for Engineering Management Society**
- **Election of next NNC Chair - Nominating Committee**
- **ICNN-INNS Merger Status**
- **NNC Publications Committee Report**
- **Financial Reports**
- **Future meeting status reports**
- **Other**

Minutes of the IEEE Neural Network Committee

Attendance. (Those marked * are NNC members or were appointed representative of their member societies by an absent NNC member. Only NNC members were eligible to vote on motions.)

<u>Member Society or other</u>	<u>Name</u>	<u>Phone</u>	<u>Computer Mail</u>
IE	Fernando Aldana* (for Okabe)	34-1-2343709	
San Diego Section	Mike Aronstein		
COM	Kesh Bakhru*	(619) 277-6780 X2648	
SMC	Nick DeClariss*	(202) 357-7955 and/or (301) 328-7866	cuellar%umbc.dec net@umbc2.umd. edu
EMBS ICNN '89 Comm	Russ Eberhart	(301) 953-5037	
IT	A. Ephremides* (for Mustafa)	(301) 454-6871	
LEO	K. M. Johnson*	(303) 492-1835	
CAS	R. J. Marks*	(206) 543-6990	marks@blake.acs. washington.edu
IE	H. T. Nagle*	(919) 737-3578	
IT	E. C. Posner*	(818) 356-4852	
R.A.	Wesley Snyder*	(919) 737-2336	wes@ecelet.ncsu. edu
IEEE EAB ICNN '89 Tutorials	R. A. Stampfl	(201) 562-5483	
INNS/ICNN Merger Comm	Al Stubberud	(714) 856-7092	

-- The meeting was called to order at 8 P.M. local time at the Sheraton Denver Tech Center on November 28, 1988 by Troy Nagle.

- Al Stubberud reported on the results of his discussions with INNS concerning conference coordination. The following motion was made, seconded and, after some discussion, was passed:

"The NNC chair will appoint a committee to further pursue dialog with INNS using conditions 1 through 9 (on attachment #1) as a basis of negotiation."

- Al Stubberud noted that the INNS Board of Directors had unanimously accepted these conditions.
- Nagle noted that any final agreement with INNS must be consistent with IEEE regulations.
- Nagle appointed the following INNS Negotiation Committee Members:

- * Fernando Aldana
- * Wesley E. Snyder
- * Nicholas DeClaris
- * Edward C. Posner
- * Kristina Johnson

- Aronstein presented the preliminary financial status report on ICNN '88 shown in attachment #2. He noted that bills were still coming in.
- Due to his recently being elected 1989 IEEE Vice President for Technical Activities, Troy Nagle is no longer eligible to be Chair of the NNC. Nagle appointed a three-member Chairman Nominating Committee:

- Ed Posner
- Anthony Ephremides
- H. Troy Nagle

The Committee will collect nominations from the NNC (including themselves). An election will be held at the next NNC meeting. The election will be conducted by Chairman Pro Tem, Bob Marks. (The NNC Secretary assumes this title if the Chair resigns.)

- Wes Snyder reported on the status of ICNN '89. Some delays have resulted from the uncertainty of INNS participation. There is as of yet no proposed budget, although preliminary operating capital has been made available. Over 4,000 calls for paper requests were mailed in November.
- Ed Posner reported that Richard Lippmann has organized the EAB satellite program on neural networks (to be broadcast September 27, 1989).
- The following motion was made, seconded and passed unanimously:

"The NNC authorizes expenditures of up to \$4,000 of its funds to financially assist the IEEE Educational Activities Board in the video taping of the tutorials at ICNN '89."

- A discussion of the possible establishment of a neural network speakers service was deferred.
- A two-page proposal for an IEEE Neural Network journal, prepared by Herb Rauch, was presented to the NNC. (See attachment #3.) A committee was appointed by Nagle to investigate possible NNC sponsored publications. Nagel appointed the following NNC Publication Committee members:
 - Bob Marks, Chair
 - Bob Newcomb
 - Evangelia Tzanakou
 - Herb Rauch
- The next NNC meeting was tentatively scheduled on Wednesday, June 21, 1989 at ICNN '89 in Washington, D.C.
- The meeting was adjourned at 10:01 P.M. by Nagle.



Robert J. Marks II
NNC Secretary

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON

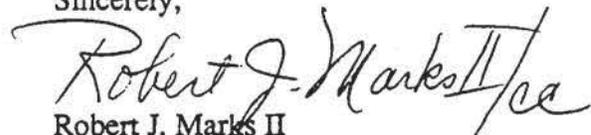
*Interactive Systems-Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990, 543-6061 or 543-2150
FAX: (206) 543-3842; marks@blake.acs.washington.edu*

December 21, 1988

TO: IEEE Neural Network Committee (NNC) Member Society Presidents

In accordance with the NNC Charter, the attached budget and conference plan is submitted to you for the comments of your Society. The NNC has recently agreed to jointly sponsor conferences with the International Neural Networks Society (INNS). Since this merger was officially sanctioned by the NNC in late December, this budget submission to you is somewhat tardy. In good faith, the NNC will follow this budget proposal prior to its official adoption only when expenditures are required or timely.

Sincerely,



Robert J. Marks II
NNC Chairman pro tem

RJM:cc

Attachments

cc: NNC Members
Dr. Paul A. Willis, IEEE Engineering Management Society President

IEEE CONFERENCE INFORMATION SCHEDULE



See reverse side for instructions on how to complete this form

CONFERENCE

- 1. Full title of Conference International Joint Conference on Neural Networks
- 2. Dates of Conference June 13-21, 1989
- 3. Location of Conference (full name and address) Washington Sheraton, Washington DC
- 4. Estimated Attendance 2000
- 5. Exhibits Yes No
- 6. Will there be a Conference publication? Yes No If yes, check one box below.
 - Conference Record
 - Other (explain) _____

IEEE ENTITY INVOLVEMENT

7. If IEEE entity involvement is either Sponsorship or Cosponsorship as defined on reverse side, enter below the names of all involved IEEE and non-IEEE entities and their percent of financial share.

Entity <u>IEEE Neural Networks Committee</u>	% <u>40</u>
Entity <u>IEEE Washington Section</u>	% <u>10</u>
Entity <u>International Neural Networks Society</u>	% <u>50</u>
Entity _____	% _____

8. If IEEE entity involvement is either Participating or Cooperating as defined on reverse side, enter below the names of all involved IEEE and non-IEEE entities and indicate the involvement of each.

Entity _____	Type of Involvement	
	Participating	Cooperating
Entity _____	<input type="checkbox"/>	<input type="checkbox"/>
Entity _____	<input type="checkbox"/>	<input type="checkbox"/>
Entity _____	<input type="checkbox"/>	<input type="checkbox"/>
Entity _____	<input type="checkbox"/>	<input type="checkbox"/>

9. Has the Section within whose geographical boundaries the Conference is being held been notified? Yes No
If yes, who was contacted? Russell Eberhart Washington

10. Has IEEE Conference Insurance form been submitted? Yes No

ADMINISTRATION

For the following Conference officers, enter first name, middle initial and last name, plus complete address and telephone number.

CONFERENCE CHAIRMAN Wesley E. Snyder Tel. No. (919) 737-2336
Address _____

INFORMATION CONTACT Nomi Feldman Tel. No. (619) 453-6222
Address 3770 Tansy Street San Diego CA 92121

COMMITTEE MEMBERS

If available, please attach to this form a complete list of Conference Committee members, their titles, addresses and telephone numbers.

SUBMITTED BY:

Name Wesley Snyder Tel. No. (919) 737-2336
Address Dept. of Electrical and Computer Engineering NCSU Raleigh, NC 27607
Conference Position Co-chair

SIGNATURE _____ Date _____



IEEE TECHNICAL ACTIVITIES

IEEE CONFERENCE SERVICES DEPARTMENT

CONFERENCE PUBLICATION FORM

See reverse side for instructions on how to complete this form

PLEASE NOTE: THIS INFORMATION IS REQUIRED IN ORDER TO ESTABLISH A PAYMENT TO THE CONFERENCE FOR POST CONFERENCE PUBLICATION SALES.

Parts A and B should be completed by the Conference Chairman or designee and returned six (6) months prior to the conference to: IEEE CONFERENCE SERVICES, 345 E. 47th STREET, NEW YORK, NY 10017-2394.

Part A CONFERENCE PUBLICATION

1. Full title of Conference International Joint Conference on Neural Networks
2. Dates of Conference June 18-21, 1989
3. Location of Conference (full name and address) Washington Sheraton, Washington DC
4. Full name of publication as it will appear on title page Proceedings of the 1989 International Joint Conference on Neural Networks
5. Scheduled date of publication May, 1989
6. Estimated shipping date to IEEE June 1989
7. Estimated pages 1200
8. Page size 8 1/2 x 11
9. Volumes 2
10. Copyright: IEEE Other
11. If other, name and address of entity that owns copyright _____

Part B PRODUCTION INFORMATION

1. Name and address of printer To be determined
- (Area Code) Telephone No. _____
3. Contact person _____
- IEEE PAYMENT FOR CONFERENCE PUBLICATION SHOULD BE SENT TO:
Name: _____

5. Conference Chairman or Designee _____
Title _____
6. Address _____ (Area Code) Telephone No. _____

7. Date _____
8. Signature _____

TO BE COMPLETED BY IEEE - DO NOT COMPLETE - INTERNAL USE ONLY

1. LC Cat. No. _____
2. IEEE Cat. No. _____
- ISSN _____
4. Actual Shipping Date _____
5. Actual pages _____
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8. Copies Rec'd _____
9. Total Cost _____
10. Bindery name and address _____

11. (Area Code) Telephone No. _____
12. Contact person _____

Keep a copy for your records



IEEE TECHNICAL ACTIVITIES

SUMMARY FINANCIAL REPORT FOR IEEE SPONSORED OR COSPONSORED CONFERENCES

See reverse side for instructions on how to complete this form

CONFERENCE

1. Full title of Conference International Joint Conference on Neural Networks
 2. Dates of Conference June 18-21, 1989
 3. Location of Conference (full name and address) Washington Sheraton, Washington DC

TYPE OF REPORT / CURRENCY USED

4. Indicate type of report by checking one box:
 Budget Interim Report Final Report
 5. All income and expense figures below must be in U.S. Dollars. For Conferences held outside the U.S.A., indicate here the local currency (e.g., Swiss Francs) and the conversion rate used (local currency units per 1 U.S. Dollar) and date.
 Local currency: _____ Conversion rate: _____ Date of conversion rate: _____

INCOME

	Budget	Interim Report	Final Report
6. Registration Fees (see attached budget)	\$ _____	\$ _____	\$ _____
7. Conference Publication Sales	_____	_____	_____
8. Exhibits	_____	_____	_____
9. Social Functions	_____	_____	_____
10. All Other Conference Receipts	_____	_____	_____
11. Total Conference Income	_____	_____	_____
12. Advance Loans	_____	_____	_____
13. Total Receipts	\$ _____	\$ _____	\$ _____

EXPENSE

	Budget	Interim Report	Final Report
14. Promotion	\$ _____	\$ _____	\$ _____
15. Conference Publications	_____	_____	_____
16. Exhibits	_____	_____	_____
17. Social Functions	_____	_____	_____
18. Administration	_____	_____	_____
19. All Other Conference Expenses	_____	_____	_____
20. Total Conference Expense	_____	_____	_____
21. Loan Repayments	_____	_____	_____
22. Total Outlays	\$ _____	\$ _____	\$ _____

SURPLUS / (LOSS)

23. Total Receipts (13) \$ 684,378 24. Total Outlays (22) \$ 587,150
 25. Surplus (Loss) - (Item 23 less Item 24) \$ 97,228

POST CONFERENCE DISTRIBUTION

Surplus (Loss) in Item 25 to be distributed as follows:

Cosponsor Entity	% Share	\$ Distributed
a. <u>IEEE Neural Networks Committee</u>	<u>40</u>	_____
b. <u>IEEE Washington Section</u>	<u>10</u>	_____
c. <u>International Neural Network Society</u>	<u>50</u>	_____
d. _____	_____	_____
Surplus (Loss) \$		_____

CONFERENCE FINANCIAL INSTITUTION

Name of Bank to be determined
 Address _____
 Conference Account Title _____ Account No. _____
 Have you requested IEEE Conference Insurance? Yes No

SUBMITTED BY:

Name Wesley E. Snyder Tel. No. (919) 737-2336
 Address Department of Electrical and Computer Engineering, NCSU Raleigh NC 27607
 Conference Position Co-chair

SIGNATURE

_____ Date _____
 Robert J. Marks II Library Archive

INCOME

REGISTRATION FEES	Quantity	Fee	Total
one day member	26	\$88.00	\$2288.00
student member	120	\$50.00	\$6000.00
student nonmember	74	\$75.00	\$5550.00
one day nonmember	35	\$110.00	\$3850.00
member early advance	200	\$152.00	\$30400.00
nonmember early advance	185	\$190.00	\$35150.00
member advance	470	\$192.00	\$90240.00
Misc.	0	0	\$0.00
nonmember advance	190	\$240.00	\$45600.00
member at conf	400	\$224.00	\$89600.00
nonmember at conf	300	\$280.00	\$84000.00
freebees	0	\$0.00	\$0.00
Total registrants	2000	Subtotal	\$392678.00
CONFERENCE PUB SALES			
To members	200	\$75.00	\$15000.00
To nonmembers	50	\$150.00	\$7500.00
To IEEE	50	\$40.00	\$2000.00
Total copies	250	Subtotal	\$24500.00
EXHIBITS			
Booths	50	\$900.00	\$45000.00
OTHER			
Interest			\$900.00
Page charges			\$1300.00-
Advance from icnn88			\$40000.00
Subtotal			\$42200.00
TOTAL INCOME			\$504378.00

EXPENSES

PROMOTION	Budget
Printing/call for papers	\$1700.00
Printing/advance program	\$24000.00
Mics.	\$0.00
Printing/final program	\$13000.00
Mailing lists/labels	\$6400.00
Postage and mailing	\$14000.00
Other (Ads)	\$8000.00
Attendee packet	\$12000.00
TOTAL	\$79100.00

CONFERENCE PUBLICATION	
Conference record printing	\$70000.00
Author kit printing	\$3000.00
Shipping	\$0.00
Other	\$8000.00
TOTAL	\$81000.00

EXHIBITS	\$12000.00
----------	------------

SOCIAL FUNCTIONS (see attachment 1)	\$170000.00
ADMINISTRATION	
Insurance and bonding	\$500.00
	\$500.00
Security and guards	\$4000.00
Projection equip	\$8000.00
Management and secretarial	\$16000.00
Office equipment	\$1500.00
Printing forms, etc.	\$5000.00
Posters, signs, etc.	\$3000.00
Telephone, etc.	\$3000.00
Seed money to 90 conf	\$40000.00
Auditing	\$5000.00
Clerical and Finance	\$3000.00
Local arrangements	\$2000.00
TOTAL	\$91000.00
Committee Expenses (See attachment 2)	\$21550.00
TOTAL EXPENSES	\$454650.00
TOTAL REVENUE	\$504378.00
CONFERENCE PROFIT	\$49728.00

ATTACHMENT 1
 SOCIAL FUNCTIONS

Reception	\$40000.00
Dinner	\$90000.00
Coffee breaks	\$40000.00
TOTAL	\$170000.00

TUTORIALS

INCOME

Registration	1500	120	\$180000
--------------	------	-----	----------

EXPENSES

Speaker fees	13	6000	\$73000
Fees for large classes			\$20000
Video taping(to EAB)			\$4000
Audio-visual			\$2500
Other (signs,etc)			\$6000
Printing			\$10000
Tutorial committee			\$2000
Refreshments			\$10000

TOTAL \$132500

ATTACHMENT 2
 COMMITTEE EXPENSES

Amari travel	\$3600.00
Eckmiller travel	\$2800.00
Stubberud	\$3600.00
Snyder	\$3600.00
Hecht-Nielsen	\$1500.00
Glaser	\$1150.00
Hopfield	\$1150.00
Sejnowski	\$1150.00
Werbos	\$200.00

TOTAL \$18750.00

TUTORIALS PROFIT \$47500

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IEEE IJCNN-89

CONFERENCE PLAN

VERSION B
15 November 1988

CONTENTS

1. Overview
 2. Technical Program
 3. Charter
 4. Budget
-

1. Overview

IJCNN-89 will be the world's premier conference on neurocomputing in 1989. *Neurocomputing* is the second fundamental information processing paradigm. It is a new alternative to the *programmed computing* paradigm that has dominated all automated information processing since the invention of the electronic digital computer in the 1940's. Neurocomputing is based upon highly parallel distributed computing structures called *neural networks* which become capable of carrying out useful information processing transformations by means of self-adjustment in response to *training* data.

Neurocomputing is based upon *transformations*; whereas programmed computing is based upon *algorithms*. This makes neurocomputing technically quite different from ordinary programmed computing. For example, two of the primary focuses of programmed computing are algorithms and software. In neurocomputing the corresponding areas are neural network architectures and neurosoftware. However, for all their differences, neurocomputing and programmed computing share a great many common technological elements. For example, neurocomputer hardware and embedded software are very similar to those found in programmed computers. *Neurocomputers* (processors that are especially suited for implementing neural networks) attach to standard host computers as coprocessors (using standard digital interfaces) and neural networks are called from host computer software as if they were subroutines or procedures. Thus, while neurocomputing has some new elements, it fits neatly into the existing computer industry infrastructure.

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At the present time neurocomputing is a comparatively weak technology. The known neural network architectures (approximately 50 types are known, of which about 14 are in common use) have only limited information processing capabilities and each has significant known limitations. Because of this, only a few practical information processing problems can be successfully addressed at the present time. Problems in certain areas of sensor processing, data analysis, control, and knowledge processing seem to be the most amenable to solution with current neurocomputing capabilities. Fortunately, some of the problems in this limited set are of interest to large numbers of engineers and have significant economic importance.

Notwithstanding its current limitations, interest in neurocomputing has grown explosively over the last two years. Unlike Artificial Intelligence, which has still not found a large end-use market, neurocomputing looks as if it will have a number of near term end-use applications. A recent survey by *Intelligence* newsletter found 157 companies in the United States seriously pursuing major neurocomputing-based products and applications. Many more are exploring the use of neurocomputing as a tool for solving some of their information processing problems. This activity does not stop at the U.S. border. Several companies in Japan and Europe are also exploring applications of neurocomputing, as are the military services of both the U.S. and the U.S.S.R. At least 20 companies dedicated to supplying neurocomputers and related products and services have been founded within the last 18 months. The first IEEE International Conference on Neural Networks (IEEE ICNN-87), which was held in San Diego in June of 1987, had a total attendance in excess of 1,600; which made it larger than IEEE ICASSP and several other important IEEE conferences. The second IEEE International Conference on Neural Networks (held in San Diego in July of 1988) also attracted upwards of 1,600 participants, despite a large competing conference held by the International Neural Network Society six weeks later in Boston, Mass., which had about 1,200 participants (and 500 students). As 1989 begins, activity in neurocomputing continues to grow.

IJCNN-89 is the third installment in a conference series devoted to the technology of neurocomputing in its academic, industrial, commercial, consumer, military, and biomedical engineering aspects. The series is sponsored by the IEEE Technical Activities Board Neural Network Committee (NNC), and the International Neural Network Society. IEEE Technical Societies participate in the meeting via membership in the NNC. The following Societies are affiliated with NNC:

- Acoustics, Speech, and Signal Processing Society
- Circuits and Systems Society
- Communications Society
- Control Systems Society
- Engineering in Medicine and Biology Society
- Industrial Electronics Society
- Information Theory Society
- Lasers and Electro-Optics Society
- Robotics and Automation Society
- Systems, Man, and Cybernetics Society

Non-IEEE Technical Societies participate in the meeting via association with the NNC. Local IEEE Sections participate in the meeting as both local hosts of the meeting and as cosponsors.

IJCNN-89 will be held in Washington, D. C. on Monday, 19 June through Thursday,

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22 June 1989. Tutorials will be held on Sunday, 18 June, 1989. IJCNN-89 expected to attract over 2,000 attendees, which will make it one of IEEE's largest conferences. The emphasis in this year's conference will be to fix the minor problems identified with IEEE ICNN-88, to run a highly successful IJCNN-89 (both technically and financially), and to firmly establish the NNC as a long-term, stable, technical coalition of IEEE Sections and Societies that can successfully organize and run future conferences in the series in a consistent manner.

2. Conference Organization

IJCNN-89 is being organized by the following committees:

1. IJCNN-89 Steering Committee:

- Allen R. Stubberud (Co-chair)
- Wesley E. Snyder (Co-chair)
- Robert Hecht-Nielsen (Program Chair)
- Nomi Feldman (Conference Coordinator)

2. IJCNN-89 Conference Committee

- Conference Chair (honorary position) Shun-Ichi Amari, University of Tokyo, JAPAN
- International Chair (honorary position) Rolf Eckmiller, University of Dusseldorf, WEST GERMANY
- Allen Stubberud, Co-Chair
- Wesley Snyder, Co-Chair
- Nicholas DeClaris, Finance
- TBD Hospitality
- Robert Hecht-Nielsen, Program
- Herb Rauch, Publicity
- Yuishe Okabe, International publicity
- TBD Local Arrangements
- Bill Porto, Exhibits
- Paul Werbos, Tutorials
- Russ Eberhart, Posters
- Carol Bonomo, Publications

3. IJCNN-89 Program Committee

- Robert Hecht-Nielsen, Chair

- Shunichi Amari, Tokyo University
- Rold Eckmiller, University of Dusseldorf
- Allen Stubberud, University of California, Irvine

4. Publications Committee

- Carol Bonomo, Chair
- Robert Newcomb

5. Publicity Committee

- Herb Rauch, Chair
- Yuishe Okabe
- Robert Marks
- Kristina Johnson

6. Finance Committee

- Nicholas DeClaris, Chair
- Mike Aronstein

7. Exhibits Committee

- Bill Porto, Chair
- TBD

8. Hospitality Committee

- TBD

9. Local Arrangements Committee

- TBD, Chair

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3. Technical Program (TENTATIVE)

NOTE: This Program is currently IEEE PROPRIETARY. Details can be released only with explicit permission of IEEE ICNN-89 Organizing Committee Chair Allen Stubberud and Technical Program Chair Robert Hecht-Nielsen. There must be no leakage of information while the current negotiations are still underway. The next version of this document shall contain a Technical Program that is approved for unlimited distribution.

NOTE: Functions/names marked with X mean that the named person has committed to participate in the indicated manner. All other names are tentative and may be changed if the initially selected person cannot participate.

The Conference Technical Program consists of Tutorials, Technical Sessions, Plenary Sessions, and a Reception. These are now described:

Tutorials (to be given at the Sheraton Washington on Sunday 18 June, 1989)

- Notes:
- Each tutorial offering shall last two hours.
 - Each tutorial offering shall be limited to a maximum of 100 participants.
 - Tutorials will be offered once, twice, or three times, depending on demand.

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Allen Stubberud - X

Tuesday, June 20, 1989

Morning Session:

- Neural Network Architectures & Theory II
Morris Hirsch - X
Christoph von der Malsburg - PENDING

- Embedding Field Theory
Stephen Grossberg - X
Gail Carpenter - X

(NOTE: INVITED PAPERS ONLY IN THIS SPECIAL SESSION)

Afternoon Session:

- Reinforcement Learning
Harry Klopf - X
Ronald Williams - X
- Applications II
Charles Elbaum - X
Robert Hecht-Nielsen - X

Wednesday, June 21, 1989

Morning Session:

- Electronic Neurocomputers
Dan Hammerstrom - X
Larry Jackel - PENDING
S. Y. Kung - PENDING
- Neurobiological Models
V. I. Kryukov - X
Andres Pellionez - X

Afternoon Session:

- Optical Neurocomputers
Nabil Farhat - X
Dana Anderson - X
Bernard Soffer - X
- Supervised Learning Theory
Geoffrey Hinton - PENDING
Bernard Widrow - X

Thursday, June 22, 1989

Morning Session:

- Robotics and Control
Rolf Eckmiller - X
Michael Kuperstein - X
- Vision
Kunihiko Fukushima - X
Christof Koch - X

Afternoon Session:

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- Optimization
Stuart Geman - PENDING
Scott Kirkpatrick - PENDING
- Self-Organization
Teuvo Kohonen - X
David Willshaw - PENDING

Plenary Sessions and Reception (the evenings of Sunday 18 June, Monday 19 June,
Tuesday 20 June, and Wednesday 21 June 1989)

SUNDAY

Wine and Cheese Reception - (6pm - 8pm)
(with Automata-Synthesized Music by Teuvo Kohonen)

Industry Panel - (8pm - 10pm), TBD Moderator

MONDAY

Plenary Session I (8pm - 10pm)

Shun-Ichi Amari
James Burke, Keynote

TUESDAY

Plenary Session II (8pm - 10pm)

Terrence Sejnowski
Patricia Churchland

WEDNESDAY

Poolside Party (6pm - 8pm)

Government Funding Panel - Paul Werbos, Moderator
(8pm --->)

4. Conference Charter

IEEE ICNN-89 shall be governed by the provisions of the following Charter

I. General

- The official name of the 1989 Conference shall be: IJCNN-89

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- The Conference shall be held at the Sheraton Washington in Washington, D. C., from Sunday 18 June 1989 through Thursday 22 June 1989 in accordance with the official technical program (Section 3 of this Conference Plan document), which is hereby incorporated as part of this Charter.

- The IJCNN-89 is sponsored by the IEEE TAB Neural Network Committee (NNC), the International Neural Network Society, and other IEEE Sections (these bodies are hereafter referred to as the *sponsoring entities*).

- The Section in which the Conference is held shall be offered the opportunity to cosponsor the ICNN. Should the Section decline to accept the offer, its percentage financial participation in the Conference shall revert to the other sponsoring Sections.

- The Conference Steering Committee shall appoint the General Chair of ICNN-90 and beyond. The General Chair shall nominate the Conference Committee, the Program Chair(s), and the other Conference Operating Committee Chairs. Appointment of all Conference Committee, Program Committee, and Conference Operating Committee Chairs and members is subject to majority vote approval by the Steering Committee. The Steering Committee shall serve the function of an Advisory Board reviewing and offering guidance on the operational aspects and technical content of the Conference.

- The staging of the IJCNN-89 shall be managed by Nomi Feldman of Meeting Management, Inc., San Diego (who managed IEEE ICNN-87 and ICNN-88).

- The official technical program of the conference shall be printed and distributed to registrants at the conference registration desk. The program shall list all of the scheduled tutorials, technical presentations, and plenary talks and shall give the name and affiliation of the speakers.

- The Conference record containing the technical papers corresponding to the talks scheduled for presentation at the conference (along with other papers accepted for publication in the record by the joint actions of the Technical Program Committee and the Conference Committee) shall be distributed to registrants at the conference registration desk. This conference record shall not carry any individual's name(s), but shall be listed strictly as the conference record. All papers presented at the Conference and in its record must be reviewed to assure high technical standards.

II. Registration and Logistics

- Conference registration will be \$190 before 1 March 1989, \$240 between 1 March 1989 and 31 May 1989, and \$280 between 1 June and 18 June 1989. One-day registration will be available at the door for \$110. Exhibit hall and poster session entrance shall be free to conference registrants; others will be admitted by exhibitor ticket or \$10 cash. Full time students showing school picture ID cards verifying their full-time student status (or presenting a school picture ID card and a letter from their school to verify their full-time student status) will be admitted for \$90 (for any duration). Student registration shall include the proceedings. IEEE Members shall receive a 20% discount on all prices except

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one-day registration, exhibit hall registration, student registration, and tutorials.

- Each paid registrant at the conference shall have their name, mailing address, telephone number(s), and electronic mail address(es) accurately recorded in the official conference attendance list. This list shall be owned, copyrighted, and controlled by the Steering Committee. This list must be controlled in accordance with IEEE rules and procedures, as directed by the Steering Committee.

- Each paid registrant shall have an official pin-on or clip-on Conference Badge prepared for them at the registration counter. This badge shall have a border that is color coded to indicate: the day of registration for one-day registration, full paid registrant status, or student registration status. The badge shall present the registrant's name, organizational affiliation, and city/state/country in large black letters on a white background.

III. Technical and Plenary Sessions

- 16 technical sessions are planned for the Conference between Monday 17 June and Thursday 22 June. The official technical session schedule presented in Section 2 of this document is hereby adopted.

- Each of the 16 technical sessions of the conference shall be 4 hours long. A maximum of 10 papers and a minimum of 6 papers shall be presented in any one session. No individual talk in any session shall be shorter than 20 minutes. Each talk shall have a separate question and answer period of not less than 5 minutes appended to it.

- No individual will be able to present more than one talk in the technical sessions of the conference. Of all of the talks given in the technical sessions and all of the poster session papers, no individual will be listed as author or co-author of more than two. Likewise, of all of the papers presented in the conference record, no individual will be listed as author or co-author of more than two such papers.

- The Conference Chair(s), International Conference Chair(s), Plenary Session Speakers, shall have their round-trip transportation to the conference, lodging at the conference hotel, and per diem (\$30 per day) paid for by the conference.

- The plenary session speakers shall be explicitly warned that they must refrain from making any insulting comments, discordant or derogatory remarks or innuendos about other members of the neurocomputing community during their talks.

IV. Tutorials

- 14 tutorials shall be presented at the Conference on Sunday 18 June 1989. The schedule for tutorials in the official Conference Technical Program is hereby adopted.

- Each tutorial offering seat shall cost \$100. Three seats shall be sold as a block for \$275.

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- Each tutorial presenter shall be paid \$3,500 plus \$50 per person attending their tutorial offerings after the first 25; up to a maximum total of \$6,000. A minimum of 25 people must register for a tutorial for it to be held.

- The IJCNN-89 Technical Program Committee Chair shall not be allowed to receive any personal compensation for giving tutorials. However, should he wish, he may donate the compensation that he would have otherwise received to any non-profit organizations of his choosing.

V. Exhibits

General:

The theme of this year's conference and its exhibits is the same as that of ICNN-88. It is devoted to the technology of neural computing in all its scientific, engineering, academic, commercial, private enterprise and government aspects. The conference will feature presentations and tutorials by the field's leading academic and industrial experts, and will report the latest advances and neurocomputing technology.

Exhibit Classes:

Exhibit space will be offered in three classes: commercial (CO), academic-publisher (AP), science fair (SF). Booths for CO, AP and SF exhibits will be allocated from exhibit areas designated for these classes.

Definitions:

1. *Commercial* exhibitors are those exhibitors who are engaged in the development or production of neural network related products with the sale of these products and profit as their chief aim.
2. *Academic* exhibitors are those from colleges and universities whose aim it is to demonstrate current research efforts related to neural networks.
3. The *publisher* exhibit category includes publishers of neural network related books, magazines and newsletters who through such media help disseminate the interest in neural network technology and related knowledge.
4. The *science fair* category includes exhibits by students and others interested in advancing neural network technology and who do not qualify to exhibit as commercial exhibitors.

Prices and Discounts:

Prices and discounts for exhibit booths are as designated below. Discounts are provided to encourage early registration of exhibitors.

Terms: The schedule of booths fees in U. S. dollars is:

<u>Regular</u>	<u>Discount</u>	<u>Deposit</u>
----------------	-----------------	----------------

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Commercial (full booth)	950	800	200
Academic-Publisher (full booth)	550	400	100
Science fair (half booth)	200	150	50

The discounted fee is available on or before 1 April 1989. A deposit is required to hold each booth ordered before 1 May 1989. Full payment is required for each booth ordered by 1 June 1989.

Sales:

TBD

Special Invitation:

A special invitation will be offered to all who exhibited at the 1988 International Conference on Neural Networks. The conference will offer last year's exhibitors an exclusive opportunity to purchase exhibit space at the IEEE ICNN-89 before opening sales of space to other exhibitors. However, exhibitors must register before 1 March, 1989 to take advantage of this offer.

Reservations and Full Payment:

TBD

Exhibitor's Obligation:

All of the exhibitor's outstanding obligations to IEEE ICNN-89 must be paid before the exhibitor or any of his representatives will be allowed to exhibit. Request for booth cancellations will be considered in accordance with the contractual rules and regulations.

Cancellations:

TBD

Space Assignments:

TBD

Entry to Exhibit Area:

An exhibitor may request up to five (5) complimentary passes for exhibit staff personnel for each booth ordered. In addition, up to five (5) complimentary guest passes may be requested for each booth ordered. A fee of \$10.00 will be paid by non-registrants of the conference for entry into the exhibit area.

Exhibit Hours:

TBD

Set-up of exhibits will take place on

TBD

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Dismantling of exhibits will take place on

TBD

Poster Sessions:

An estimated 100 poster sessions will be held during the four day conference. The actual number of sessions, their selection, and scheduling will be determined by the conference program chairman.

The Lounge:

TBD

Publicity and Exhibitor Solicitation:

TBD

Conference Records:

TBD

Contractors:

A conference service contractor will be selected to handle shipping and storage of exhibits, drayage, set-up and dismantling of exhibits; supply carpeting, furniture and miscellaneous supplies to the conference; rent furniture displays and miscellaneous items to exhibitors; provide electrical equipment and services, and generally support the conference and exhibitors. Upon request, an exhibitor may obtain an exhibitor's supplies and services kit from the conference service contractor. This kit will contain information on the costs of services and supplies available from the contractor.

Exhibit security will be provided using hotel guards and guards supplied by the conference security contractor. It is anticipated that three contractor guards will be required to provide exhibit hall security during daytime operating hours. One guard will be required overnight.

Additional contracting shall be arranged as necessary.

Exhibits Program:

An Exhibits Program will be published which will provide a description of all exhibits and announce all exhibitors at the conference. Descriptions will be approximately 50-75 words long. Copies of this program will be provided to the exhibitors in an "Exhibitor's Registration Package" to be distributed on registration on the day of the conference.

Exhibitor Registration:

An exhibitor registration desk will be open on the days of the conference. The exhibitor and staff may check in, register and pick up registration materials at this time. Exhibitor materials include copies of the Exhibits Program, special instructions, and staff and guest passes. An exhibitor may also preregister to the conference if so desired.

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Contingency Planning:

In the event that there is an overwhelming demand for booth space at the conference, and the conference is able to sell booths in excess of the 60 planned, the areas allocated for the lounge and poster session area shall be used for additional exhibit booths. The lounge and poster session areas shall be reduced in size to accommodate additional booths. Arrangements shall be made to accommodate serving refreshments and providing space for the poster sessions elsewhere at the conference.

Fire and Safety:

The exhibit area will be designed in accordance with local city fire codes and a permit will be obtained.

Additional Planning Information:

The conference's exhibit contract, rules and regulations package to be sent out to all prospective exhibitors contains additional procedural details that will form part of this plan.

IV. Volunteers.

In order to promote and facilitate local community involvement in the conference the Organizing Committee will solicit volunteer services from university students and other interested community members.

Volunteer services will include clerical and general help before and during the conference. The commitment of each volunteer will encompass:

- attending the volunteer meetings,
- pre-conference clerical work assignments, and
- one five-hour shift per day beginning Sunday, 18 June 1989, concluding on Thursday, 22 June 1989. Each conference day will be divided into three five-hour shifts: morning, afternoon, and evening. Shift assignments and scheduling will be made by the Hospitality Chair.

In exchange for satisfactory completion of these services, the IEEE ICNN volunteers will receive:

- complimentary registration to the IEEE International Conference on Neural Networks, and
- complimentary copy of the IJCNN-89 proceedings.

The Organizing Committee Chair will appoint a member of the Organizing Committee to assume responsibility for the volunteer effort. It will be that person's responsibility to ensure that all volunteers successfully complete their assignments in return for their complimentary registration and proceedings.

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UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990, 543-6061 or 543-2150
FAX: (206) 543-3842; marks@blake.acs.washington.edu*

December 20, 1988

TO: IEEE Neural Network Committee Member Society Presidents

I am the Secretary of the IEEE Neural Network Committee (NNC) of which your Society is a member. At the November 28 meeting of the NNC in Denver, Troy Nagle announced his resignation as NNC Chairman because he was elected 1989 IEEE Vice President for Technical Activities, and he could not hold both offices. As NNC Secretary, I assumed the position of NNC Chairman pro tem.

At the NNC meeting in Denver, a proposal was made to have an IEEE Neural Network publication starting in 1990. Prior to his resignation, Troy Nagle appointed me as Chairman of the four person NNC Publication Subcommittee appointed to investigate this possibility in more detail. The NNC Publication Subcommittee has discovered that in order to have a new IEEE publication starting in 1990, we must make a formal proposal to the IEEE Publication Committee which should meet in early February 1989. The four members of the NNC Publication Subcommittee have begun to prepare the formal proposal at the same time we are asking for your inputs. Our intent is to call the proposed publication the IEEE Transactions on Neural Networks. A slightly edited version of the informal proposal made at the NNC Denver meeting is enclosed.

The purposes of this letter are to:

- (1) alert you to the plans for the 1990 publication
- (2) let you alert your society Board of Governors
- (3) solicit your comments
- (4) solicit your suggestions for Editors or Associate Editors

We intend to send to you a draft of the formal proposal early in January, based on the information we gather in the next several weeks.

Below are listed the names, addresses, and telephone numbers of the four members of the NNC Publications Subcommittee.

Society Presidents of the IEEE NNC
Page 2

Please call me directly or contact any member of the subcommittee if you have questions. Thanks for your support.

Sincerely,



Robert J. Marks II
Professor

RJM:cc

Enclosure

cc: NNC Members

Members of NNC Publications Subcommittee:

Robert J. Marks II, Chair
Electrical Engineering Department, FT-10
University of Washington
Seattle, WA 98195
(206) 543-6990
FAX: (206) 543-3842
Computer mail: marks@blake.acs.washington.edu

Robert W. Newcomb
Microsystems Laboratory
Electrical Engineering Department
University of Maryland
College Park, MD 20742
(301) 454-6869
FAX: (301) 454-1837
Computer mail: newcomb@eneevax.umd.edu

Evangelia Tzanakou
Biomedical Engineering
Rutgers University
P.O. Box 909
Piscataway, NJ 08854
(201) 932-2037
FAX: (201) 932-5313
Computer mail: ETZANAKO@elbereth.rutgers.edu

Herbert E. Rauch
Lockheed
Dept. 92-20, Building 254E
3215 Hanover Street
Palo Alto, CA 94304
(415) 424-2704
FAX: (415) 424-3333

Plan for IEEE Transactions on Neural Networks
(21 December 1988)

Summary We propose publication of the subject Transactions on a quarterly basis starting in early 1990. The time line is (1) approval by the Neural Networks Council, (2) subsequent approval in the next few months by constituent Societies, (3) preparation of detailed editorial plans (including Editor-in-Chief, Associate Editors, etc.), (4) presentation to IEEE Publication Board, TAB Periodicals Board, by end of February 1989, and (5) publication in early 1990.

The budget for 1990 shows that a quarterly with 5000 copies and 1000 subscribers can have a potential surplus of \$14K for the year. The 5000 subscribers from IEEE Societies (at \$10 per year) and 1000 from IEEE Transactions package (which is "guaranteed" at a total of 1000 subscribers) would compare to the approximately 3500 current subscribers of the International Neural Network Society.

The papers for the initial issues can be obtained from individual authors submitted to the 1989 IEEE International Conference on Neural Networks. The "final" papers due by March 1989. Obtaining the papers for the initial issues is a real challenge for the Editor-in-Chief, but after the "pipeline" is established, it will settle somewhat. It is suggested that there be one Editor-in-Chief and several "Editors" (who will represent the several facets of neural networks) and a number of Associate Editors. The Editor-in-Chief would have a salary, mailing, etc. A portion of this amount will be used to cover the Associate Editor's operational expenses.

Proposed IEEE Transactions on Neural Networks, 1990

Information obtained from IEEE Staff -- Melvin Olken (212) 705-7178 from the Publications Department and Otto Vathke (212) 705-7551 from Publications. The phone numbers obtained from Otto Vathke were for 1989 so they are used here to represent costs in 1990.

Subscription: 320 pages annually; Income of \$80K [1000 copies from IEEE Societies at \$8 per copy and \$10 per year per subscriber (\$40K)]; Expenses of \$66K [Editor-in-Chief and Associate Editor expenses (\$10K)]; Surplus Potential of \$14K [after salaries].

TELEPHONE MEMO

Date 12-19 Time 9:00 kris - yes 14

To R. Marks Bill Levine

From S.C. Posner wsl@eneevax.umd.edu 12

Marks 10 Rauch Yes 7

Nich DeClaris 9 Lipmann 13

Phone 818-356-4852

Please call Will call again Returned your call

Message: Juang Yes 8

Vote Yes 1.
Newcomb: Yes 2.

Wes: Yes vote on Jan 1 3.

Litsa: 12/19/88 Yes 4

TROY Nagle: FAX 5

Don Bouldin Yes! 6

Call received by dwr
Eberhart - Yes

FAX NOTE

FROM:

Prof. H. Troy Nagle
ECE Dept./CSL
N. C. State Univ.
Raleigh, NC 27695-7911
(919) 737-3578
(919) 737-7382 (fax)

TO:

Robert J. Marks II
(206) 543--3842

MESSAGE:

Bob,

I vote for approval of the INNS/NNC
conference merger agreement.

Troy

Prof. Robert J. Marks II
NNC Chairman pro tem
Interactive Systems Design Lab
Dept. of EE., Univ. of Washington
Seattle, Washington,

FAX (206) 543-3842



12/20/88

Dear Prof. Marks.

I hereby vote for the agreement concerning a merger of ICNN with the INNS conference. I assume the San Diego Chapter has offered their inputs in this matter.

Regards.

A handwritten signature in cursive script, appearing to read "Bing-Hwang Juang".

Bing-Hwang Juang
MH 2D-534
Phone (201) 582-2002

for ASSP societies

MASSACHUSETTS INSTITUTE OF TECHNOLOGY
LINCOLN LABORATORY

LEXINGTON, MASSACHUSETTS 02173-0073

20 December 1988

Area Code 617
981-2711

Mr. Robert J. Marks, II
NNC Chairman pro tem
NNC Secretary
University of Washington
Department of Electrical Engineering, FT-10
Seattle, WA

Dear Robert:

I vote to accept the agreement endorsed by the NNC Subcommittee concerning a merger of the ICNN with the INNS Conference.

Sincerely,



Dr. Richard P. Lippmann
Representative of ASSP
Society
M.I.T. Lincoln Laboratory

RPL/pmh



Research and Development
3251 Hanover Street, Palo Alto, California 94304

DECEMBER 19, 1988

I hereby vote yes on the merger agreement for
the ICNN with the INNS conference in your letter
of December 14, 1988.

A handwritten signature in black ink, appearing to read "Herb Rauch", written in a cursive style.

HERBERT E. RAUCH
Lockheed 92-20/254 E
3251 Hanover Street
Palo Alto, CA 94304 USA

IEEE ICNN-88 Conference Committee Members:

Shun-ichi Amari
University of Tokyo
Bunijyo-ku, Tokyo 113, JAPAN
(International Chair, honorary position)

Michael Aronstein
4015 Hancock Street
Suite 101
San Diego, CA. 92110
(619)224-3240
(Finance Committee Chair)

Cleveland Donnelly
430 Pennsylvania Avenue
San Diego, CA. 92103
(619)277-6780
(Hospitality Committee Chair)

Robert Hecht-Nielsen
HNC, Inc.
5501 Oberlin Drive
San Diego, CA. 92121
(619)546-8877
(Conference Committee Chair)

Teuvo Kohonen
Dept. of Technical Physics
Helsinki University of Technology
SF-0 Helsinki, FINLAND
(Conference Chair, honorary position)

Bart Kosko
Dept. Computer Sci. & Neurobiology
University of Southern California
Los Angeles, California 90089-0782
(213)743-6581
(Program Committee Chair)

Tony Materna
HNC, Inc.
5501 Oberlin Drive
San Diego, CA. 92121
(619)546-8877
(Publicity Committee Chair)

Martin McNeill
McNeill Engineering Co.
P. O. Box 27390
San Diego, California 92128
(619)748-7384
(Local Arrangements Committee Chair)

Richard D. Rea
1014 Santa Barbara St.
San Diego, California 92107
(619)222-4774

(Exhibits)

Pat Simpson
10373 Aminito Alvarez
San Diego, CA. 92126
(619)457-5550
(Tutorial Committee Chair)



IEEE

REQUEST FOR CONFERENCE INSURANCE

Regions 1-6
(Conference Held in USA)

Conference Insurance Office
IEEE Service Center
445 Hoes Lane
Piscataway, NJ 08854-4150
(201) 981-0060 Ext. 211

The following coverage is in effect for the conference dates listed below. The form must be completed in full and received by the Conference Insurance Office with a list of the conference officers and committee members at least 90 days prior to the start of the conference.

Conference Name IEEE International Conference on Neural Networks-1988

Conference Dates 24-27 July 1988

Conference Hotel or Center Sheraton Harbor Island East

Conference Location (City, State & Zip Code) San Diego, CA 92101

CONFERENCE IS FINANCIALLY CO-SPONSORED: Yes No

Co-Sponsor Name(s): IEEE San Diego Section, IEEE TAB Neural Network Committee

The coverage listed below (except In and Out Robbery) will be furnished to the conference at no direct charge except where additional coverage is requested.

BONDING: \$1,000,000 (\$2500 Deductible)

If more than \$1,000,000 is required, specify amount and attach explanation \$ _____

RENTAL OF EQUIPMENT: \$25,000 (\$2500 Deductible)

If more than \$25,000 is required, specify amount and attach explanation \$ _____

LIABILITY & PROPERTY DAMAGE: \$1,000,000 and \$7,000,000 (no deductible) umbrella liability.

LIMITED VOLUNTEER PERSONAL LIABILITY: \$1,000,000

A list of officer and committee members must accompany Request for Conference Insurance.

IN & OUT ROBBERY: (Optional - check box if desired): \$25,000 (\$2500 Deductible)

Note: There will be an approximate \$100 charge billed directly to the conference.

CONFERENCE WILL CHARTER: Bus Other (explain) _____

See special note regarding transportation rental.

CERTIFICATE OF INSURANCE

You may be required to furnish evidence of IEEE Insurance to a third party. If so, indicate name and address of third party and their requirements. (Please type or print)

CONFERENCE CHAIRPERSON OR TREASURER - Please type or print the following information and sign this form.

Name Michael Aronstein

Conference Title Finance Chairman

Address 4015 Hancock St.
San Diego Ca. 92110

Phone No. (619) 224 3240

Signature Michael Aronstein

Date 8 Jan '88

FOR OFFICIAL USE ONLY			
CONF DATE	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Mo	Date	Yr
Date Rec'd	_____		
Date Ack	_____		
Off&Ctm List	_____		
Charter Cert	_____		
<input type="checkbox"/> IN & OUT ROBBERY	_____		
- A&A Inv. Req.	_____		
- Inv. to Conf.	_____		
- Check to A&A	_____		
<input type="checkbox"/> INSURANCE CLAIM	_____		
<input type="checkbox"/> FILE COMPLETE	_____		



See reverse side for instructions on how to complete this form

CONFERENCE

1. Full title of Conference IEEE International Conference on Neural Networks
2. Dates of Conference 24-27 July 1988
3. Location of Conference (full name and address) Sheraton Harbor Island East Hotel
San Diego, CA 92101

TYPE OF REPORT / CURRENCY USED

4. Indicate type of report by checking one box:
 Budget Interim Report Final Report
5. All income and expense figures below must be in U.S. Dollars. For Conferences held outside the U.S.A., indicate here the local currency (e.g., Swiss Francs) and the conversion rate used (local currency units per 1 U.S. Dollar) and date.
Local currency: \$ Conversion rate: _____ Date of conversion rate: _____

INCOME	Budget	Interim Report	Final Report
6. Registration Fees <u>(2,000 attendees)</u>	\$ <u>350,000</u>	\$ _____	\$ _____
7. Conference Publication Sales	<u>28,200</u>	_____	_____
8. Exhibits	<u>37,600</u>	_____	_____
9. Social Functions	<u>0</u>	_____	_____
10. All Other Conference Receipts	<u>7,000</u>	_____	_____
11. Total Conference Income	<u>422,800</u>	_____	_____
12. Advance Loans	<u>13,000</u>	_____	_____
13. Total Receipts	\$ <u>435,800</u>	\$ _____	\$ _____

EXPENSE	Budget	Interim Report	Final Report
14. notation	\$ <u>30,000</u>	\$ _____	\$ _____
15. Conference Publications	<u>86,450</u>	_____	_____
16. Exhibits	<u>15,000</u>	_____	_____
17. Social Functions	<u>150,000</u>	_____	_____
18. Administration	<u>38,500</u>	_____	_____
19. All Other Conference Expenses	_____	_____	_____
20. Total Conference Expense	<u>319,950</u>	_____	_____
21. Loan Repayments	<u>13,000</u>	_____	_____
22. Total Outlays	\$ <u>332,950</u>	\$ _____	\$ _____

SURPLUS / (LOSS)
23. Total Receipts (13) \$ 435,800 24. Total Outlays (22) \$ 332,950
25. Surplus (Loss) - (Item 23 less Item 24) \$ 102,850

POST CONFERENCE DISTRIBUTION Surplus (Loss) in Item 25 to be distributed as follows:

Cosponsor Entity	% Share	\$ Distributed
a. <u>IEEE San Diego Section</u>	<u>50</u>	_____
b. <u>IEEE TAB Neural Network Committee</u>	<u>50</u>	_____
c. _____	_____	_____
d. _____	_____	_____

Surplus (Loss) \$ _____

CONFERENCE FINANCIAL INSTITUTION
Name of Bank California First Bank, Poway Office
Address 12312 Poway Road, Poway, CA 92064
Conference Account Title IEEE ICNN 1988 Account No. 0791090012
Have you requested IEEE Conference Insurance? Yes No
SUBMITTED BY: Michael Aronstein (Aronstein) Tel. No. (619) 224 3240
Address 4015 Hancock St. Suite 101 San Diego Ca. 92110
Conference Position Finance Chairman
SIGNATURE Michael Aronstein Date 8 Feb 88

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IEEE ICNN-88

CONFERENCE PLAN

Revision O (DRAFT)
8 January 1988

CONTENTS

1. Overview
 2. Technical Program
 3. Charter
 4. Budget
 5. Schedule
-

1. Overview

IEEE ICNN-88 will be the world's largest conference on neurocomputing in 1988. *Neurocomputing* is the second fundamental information processing paradigm. It is the only known alternative to the *programmed computing* paradigm that has dominated all automated information processing since the invention of the electronic digital computer in the 1940's. Neurocomputing is based upon highly parallel distributed computing structures called *neural networks* which become capable of carrying out useful information processing transformations by means of self-adjustment in response to input data.

Neurocomputing is based upon *transformations*; whereas programmed computing is based upon *algorithms*. This makes neurocomputing technically quite different from ordinary programmed computing. For example, two of the primary focuses of programmed computing are algorithms and software. In neurocomputing the corresponding areas are neural network architectures and neurosoftware. However, for all their differences, neurocomputing and programmed computing share a great many common technological elements. For example, neurocomputer hardware and embedded software are very similar to those found in programmed computers. Neurocomputers - processors that are especially suited for implementing neural networks - attach to standard host computers as coprocessors (using standard digital interfaces) and neural networks are called from host computer software as if they were subroutines or procedures. Thus, while neurocomputing has some new elements, it fits neatly into the existing computer industry

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infrastructure.

At the present time neurocomputing is a comparatively weak technology. The known neural network architectures (approximately 50 types are known, of which about 14 are in common use) have only limited information processing capabilities and each has significant known limitations. Because of this, only a few practical information processing problems can be successfully addressed at the present time. Problems in certain areas of sensor processing, data analysis, control, and knowledge processing seem to be the most amenable to solution with current neurocomputing capabilities. Fortunately, some of the problems in this limited set are of great interest and have significant economic importance.

Notwithstanding its current limitations, interest in neurocomputing has grown explosively over the last two years. Unlike Artificial Intelligence, which has still not found a large end-use market, neurocomputing looks as if it will have a number of near term end-use applications. A recent survey by *Intelligence* newsletter found 157 companies in the United States seriously pursuing major neurocomputing-based products and applications. Many more are exploring the use of neurocomputing as a tool for solving some of their information processing problems. This activity does not stop at the U.S. border. Several companies in Japan and Europe are also exploring applications of neurocomputing, as are the military services of both the U.S. and the U.S.S.R. At least 20 companies dedicated to supplying neurocomputers and related products and services have been founded within the last 18 months. The 1987 IEEE International Conference on Neural Networks (IEEE ICNN-87), which was held in San Diego in June of 1987, had a total attendance in excess of 1600; which made it larger than IEEE ICASSP and several other important IEEE conferences. In summary, activity in neurocomputing continues to grow.

IEEE ICNN-88 is the 1988 installment in a conference series devoted to the technology of neurocomputing in its academic, industrial, commercial, consumer, military, and biomedical engineering aspects. The series is sponsored by the IEEE San Diego Section and the IEEE Technical Activities Board Neural Network Committee (NNC), which is expected to be formally created in Spring 1988. IEEE Technical Societies participate in the meeting via membership in the NNC. Ten IEEE Technical Societies are currently in the process of deciding to join NNC. Non-IEEE Technical Societies participate in the meeting via association with the NNC. Other local IEEE Sections participate in the meeting as both local hosts of the meeting and as cosponsors. The IEEE ICNN-87 (the first conference in the series) was held at the Sheraton Harbor Island Hotel in San Diego, California on Sunday 21 June thru Wednesday 24 June 1987 (Tutorials were held at the hotel on Saturday 20 June 1987). This conference was both a technical and a financial success. It was cosponsored by the IEEE Systems, Man, and Cybernetics Society and it was held with the cooperation of the IEEE Control Systems, and Engineering in Medicine and Biology Societies. A healthy surplus was produced, some of which is being made available to fund up-front costs for IEEE ICNN-88.

IEEE ICNN-88 will be held at the Sheraton Harbor Island Hotel in San Diego, California on Sunday 24 July thru Wednesday 27 July 1988. Tutorials, which are not part of the Conference this year, will be held at the hotel on Saturday 23 July 1988. The tutorials are *being cosponsored* by the IEEE San Diego Section Tutorials Committee and the IEEE Educational Activities Board. IEEE ICNN-88 is expected to attract over 2,000 attendees; which will make it one of IEEE's largest conferences. The emphasis in this year's conference will be to fix the minor problems identified with IEEE ICNN-87, to run a highly successful IEEE ICNN-88 (both technically and financially), and to establish the NNC as a long-term, stable, technical coalition of the IEEE San Diego Section and other IEEE Sections and Societies that can successfully organize and run future conferences in the series in a consistent manner.

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2. Technical Program (TENTATIVE)

IEEE ICNN-88 is being organized by the following committees:

- Note: these people have not yet been contacted or have not yet finally agreed to participate. Their names should not be released under any circumstances.

1. IEEE ICNN-88 Steering Committee

- Larry Hamerman, Chair
- TBD - From IEEE San Diego Section
- TBD - From NNC
- TBD - From NNC

2. IEEE ICNN-88 Conference Committee

Conference Chair: Teuvo Kohonen
(honorary position)

International Chairs: Shunichi Amari, University of Tokyo, JAPAN
Kunihiko Fukushima, NHK Laboratories, JAPAN
(honorary positions)

- Robert Hecht-Nielsen, Chair
- Cleveland Berkeley, Hospitality Committee Chair
- Bart Kosko, Program Committee Chair
- Tony Materna, Publicity Committee Chair
- Martin McNeill, Local Arrangements Committee Chair
- Richard Rea, Exhibits Committee Chair
- Michael Aronstein - Finance Committee Chair
- TBD - From NNC
- TBD - From NNC
- TBD - From NNC

3. IEEE ICNN-88 Program Committee

- Bart Kosko, Program Committee Chair and Technical Sessions Program Chair
- TBD - Plenary Sessions Program Chair
- TBD - Poster Sessions Program Chair
- TBD - Special Sessions Program Chair
- TBD - Tutorial Sessions Program Chair
- Shunichi Amari, Tokyo University, JAPAN
- James Anderson, Brown University
- Michael Arbib, University of Southern California
- Elle Bienenstock, University of Paris - South, FRANCE
- Eduardo R. Caianiello, University of Salerno, ITALY
- David Casasent, Carnegie-Mellon University

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- John Caulfield, University of Alabama at Huntsville
- John Daugman, Harvard University
- Rolf Eckmiller, University of Dusseldorf, GERMANY
- Jeffrey Elman, University of California at San Diego
- Walter Freeman, University of California, Berkeley
- Kunihiko Fukushima, NHK Laboratories, Tokyo, JAPAN
- Lee Giles, Air Force Office of Scientific Research
- Joseph Goodman, Stanford University
- Stephen Grossberg, Boston University
- Morris Hirsch, University of California at Berkeley
- John Hopfield, California Institute of Technology #
- Teuvo Kohonen, Helsinki University of Technology, FINLAND
- Christopher von der Malsburg, University of Southern California
- David Parker, Palo Alto, California
- Andres Pellionez, New York University
- David Rumelhart, Stanford University
- Terrence Sejnowski, Johns Hopkins University
- Ira Skurnick, DARPA
- Allen Stubberud, National Science Foundation
and University of California at Irvine
- Harold Szu, Naval Research Laboratory
- Carme Torras, Cybernetics Institute, Barcelona, SPAIN #
- Bernard Widrow, Stanford University
- Lofti Zadeh, University of California at Berkeley

4. Publications Committee

- TBD, Chair
- TBD

5. Publicity Committee

- Tony Materna, Chair
- TBD

6. Finance Committee

- Michael Aronstein - Finance Committee Chair
- TBD - From Cosponsoring IEEE Technical Society
- TBD - From Cosponsoring IEEE Technical Society

7. Exhibits Committee

- Richard Rea, Chair
- TBD

8. Hospitality Committee

- Cleveland Donnelly, Chair
- TBD

9. Local Arrangements Committee

- Martin McNeill, Chair

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- TBD
- TBD
- TBD

The Conference Technical Program consists of Technical Sessions, Plenary Sessions, and a Reception. These are now described:

NOTE: It is anticipated that single-topic Special Sessions of invited papers shall be organized and presented concurrently with the regular Technical Sessions of the Conference.

Technical Sessions (to be held Sunday 24 July thru Wednesday 27 July 1988)

(NOTE: Each Session lasts 4 hours, Session Chair's names are listed)

SUNDAY

Morning Sessions (8am - 12pm)

Self-Organization..... Teuvo Kohonen

Network Dynamics..... Morris Hirsch

Afternoon Sessions (1pm-5pm)

Associative Memory..... Bart Kosko

Learning Algorithms I..... James Anderson
Elle Bienenstock

MONDAY

Morning Sessions (8am - 12pm)

Network Architectures I..... Stephen Grossberg
John Hertz

Learning Algorithms II..... David Parker
Bernard Widrow

Afternoon Sessions (1pm-5pm)

Image Processing David Casasent
John Daugman

Network Architectures II..... Shunichi Amari
Carme Torras

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TUESDAY

Morning Sessions (8am - 12pm)

Vision..... Kunihiro Fukushima
Christopher von der Malsburg

Neurobiological Connections..... Michael Arbib
Walter Freeman

Afternoon Sessions (1pm-5pm)

Speech Recognition & Synthesis..... Jeffrey Elman
Terrence Sejnowski

Electronic Neurocomputers..... Donald Hammerstrom
Robert Hecht-Nielsen

WEDNESDAY

Morning Sessions (8am - 12pm)

Optical Neurocomputers..... Joseph Goodman
Keith Jenkins

Combinatorial Optimization..... Harold Szu

Afternoon Sessions (1pm-5pm)

Novel Applications..... Lee Giles

Robotics & Control..... Rolf Eckmiller
Andres Pellionez

Plenary Sessions and Reception (the evenings of Saturday 23 July, Sunday 24 July,
Monday 25 July, and Tuesday 26 July 1988)

SATURDAY

Wine and Cheese Reception - (6pm - 8pm)

Industry Panel - Tom Schwartz, Moderator - (8pm - 10pm)

SUNDAY

Plenary Session I (8pm - 10pm)

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Parallel Distributed Processing - David Rumelhart

Architectures for Neural Preprocessing - Carver Mead

MONDAY

Plenary Session II (8pm - 10pm)

The First Years of Neurocomputing - Eduardo Caianiello

Vistas in Optical Neurocomputer Design - John Caulfield

TUESDAY

Poolside Party (6pm - 8pm)

Government Funding Panel - Ira Skurnick, Moderator
(8pm --->)

3. Conference Charter

IEEE ICNN-88 shall be governed by the provisions of the following Charter

I. General

- The official name of the 1988 Conference shall be: IEEE ICNN-88.

- The Conference shall be held at the Sheraton Harbor Island East Hotel East in San Diego, California, from 23 July 1988 thru 27 July 1988 in accordance with the official technical program (Section 2 of this Conference Plan document), which is hereby incorporated as part of this Charter.

- IEEE ICNN-88 and all subsequent ICNN conferences are sponsored by the IEEE San Diego Section, the IEEE TAB Neural Network Committee (NNC) and other IEEE Sections (these bodies are hereafter referred to as the *sponsoring entities*).

- The Conference shall be held annually and its organization will conform with the requirements and guidelines of IEEE, including the procedures for review and audit of the budget by the Steering Committee. The proposed budget must be approved by the Steering Committee prior to its submittal to IEEE. The proposed budget for a Conference must be submitted to all sponsoring entities at least 60 days in advance of its approval by the Steering Committee. A sponsoring or cosponsoring entity can indicate its intent to withdraw from participation in ICNN prior to approval by the Steering Committee of the budget for the next meeting. If a budget has been approved, an entity can withdraw from future activities but must continue to cosponsor the planned meeting. If an entity withdraws from the Steering Committee, its share of future meetings is divided equally among the remaining members (with the exception of the IEEE San Diego Section, as noted below).

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- The sponsoring entities each participate financially in ICNN and share Conference up-front expenses and Conference profit or loss in accordance with fixed percentages. For 1988, NNC's percentage is 50% and the IEEE San Diego's percentage is 50%. The ICNN will be held in San Diego every second year, if authorized by the San Diego Section. When the ICNN is held in San Diego in 1990 and beyond, the Section's percentage will be 30% and the percentage for the NNC (and perhaps other technical groups) will be 70%. In years in which the ICNN is held elsewhere (outside San Diego), the NNC and the ICNN Steering Committee will negotiate an agreement with local IEEE entities (sections and chapters) to co-sponsor the meeting. The exact percentages will be determined as part of the negotiating process.

- For each year's ICNN a Steering Committee shall be assembled from the sponsoring entities, with each entity's numerical participation in the committee in proportion to their percentage of financial participation. Members of the Steering Committee shall serve two-year terms, and thus the members changed in any year shall be limited to those whose terms are expiring. The size of the committee cannot be expanded at a rate greater than two members per year. Nominally, the Steering Committee for a given year's ICNN becomes activated two years before the planned date of the meeting. The IEEE ICNN-88 Steering Committee shall have four members. One member appointed to the IEEE ICNN-88 Steering Committee by NNC and one member appointed by the IEEE San Diego Section shall each serve for only one year. The purpose of the Steering Committee is to select the Chair of the Conference Committee and to oversee the planning and operation of the Conference. The Steering Committee shall act as Trustees for the IEEE with administrative responsibility for the Conference. The Steering Committee is the final authority for all decisions concerning ICNN. All material decisions affecting the Conference must be approved by a majority of the Steering Committee, including major changes to this Conference Charter. In the event of a deadlock, the matter shall be submitted to the current President of the IEEE for a final binding decision.

- The Steering Committee for the IEEE ICNN shall elect biannually a Chair from among its current membership. The Chair shall serve as focus for all communications and shall direct, on behalf of the Committee, the operational matters of the Committee. For the duration of the office of Chairman, that individual will not be considered to be a representative of his/her respective entity, therefore able to represent more freely the overall objectives of the Conference. On a biannual basis, the Committee shall also elect a Secretary and Treasurer. In addition to the usual duties regarding minutes, reports, records, etc., the Secretary shall serve as Chair pro tem in the absence of the Chair. When the election to office of a Steering Committee member requires an extension of the member's term of appointment by the sponsoring entity, it is expected that such an extension will take place. This extension will be for either one or two years as necessary, to maintain the staggered appointments of members.

- The Section in which the Conference is held shall be offered the opportunity to cosponsor the ICNN. Should the Section decline to accept the offer, its percentage financial participation in the Conference shall revert to the other sponsoring entities.

- The Conference Steering Committee shall appoint the General Chair of ICNN-89 and beyond. The General Chair shall nominate the Conference Committee, the Program

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Chair(s), and the other Conference Operating Committee Chairs. Appointment of all Conference Committee, Program Committee, and Conference Operating Committee Chairs and members is subject to majority vote approval by the Steering Committee. The Steering Committee shall serve the function of an Advisory Board reviewing and offering guidance on the operational aspects and technical content of the Conference.

- The staging of IEEE ICNN-88 shall be managed by Nomi Feldman of Meeting Management, Inc., San Diego (who managed IEEE ICNN-87).

- The IEEE San Diego Section shall enter into a contract with the Sheraton Harbor Island East Hotel securing the use of the hotel's facilities for the conference following satisfactory negotiations.

- The official technical program of the conference shall be printed and distributed to registrants at the conference registration desk. The program shall list all of the scheduled tutorials, technical presentations, and plenary talks and shall give the name and affiliation of the speakers.

- The Conference record containing the technical papers corresponding to the talks scheduled for presentation at the conference (along with other papers accepted for publication in the record by the joint actions of the Technical Program Committee and the Conference Committee) shall be distributed to registrants at the conference registration desk. This conference record shall not carry any individual's name(s), but shall be listed strictly as the IEEE ICNN-88 conference record. All papers presented at the Conference and in its record must be reviewed to assure high technical standards.

II. Registration and Logistics

- Conference registration will be \$190 before 1 April 1988, \$240 between 1 April 1988 and 30 June 1988, and \$280 between 1 July 1988 and 27 July 1988. One-day registration will be available at the door for \$110. Exhibit hall and poster session entrance shall be free to conference registrants; others will be admitted by exhibitor ticket or \$10 cash. Full time students showing school picture ID cards verifying their full-time student status (or presenting a school picture ID card and a letter from their school to verify their full-time student status) will be admitted for \$90 (for any duration). Student registration shall not include the proceedings (which can be ordered separately from IEEE Press after the Conference). IEEE Members shall receive a 20% discount on all prices except one-day registration, exhibit hall registration, student registration, and tutorials.

- Each paid registrant at the conference shall have their name, mailing address, telephone number(s), and electronic mail address(es) accurately recorded in the official conference attendance list. This list shall be owned, copyrighted, and controlled by the Steering Committee. This list must be controlled in accordance with IEEE rules and procedures, as directed by the Steering Committee.

- Each paid registrant shall have an official pin-on or clip-on IEEE ICNN-88 Conference Badge prepared for them at the registration counter. This badge shall have a border that is color coded to indicate: the day of registration for one-day registration, full paid registrant status, or student registration status. The badge shall present the registrant's name, organizational affiliation, and city/state/country in large black letters on a white background.

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III. Technical and Plenary Sessions

- 16 technical sessions are planned for the Conference between Sunday 24 July and Wednesday 27 July 1988. The official technical session schedule presented in Section 2 of this document is hereby adopted.

- Each of the 16 technical sessions of the conference shall be 4 hours long. A maximum of 10 papers shall be presented in any one session. No individual talk in any session shall be shorter than 20 minutes, nor longer than 30 minutes. Each talk shall have a separate question and answer period of not less than 5 minutes appended to it.

- No individual will be able to present more than one talk in the technical sessions of the conference. Of all of the talks given in the technical sessions and all of the poster session papers, no individual will be listed as author or co-author of more than two. Likewise, of all of the papers presented in the conference record, no individual will be listed as author or co-author of more than two such papers.

- The Conference Chair(s), International Conference Chair(s) and Plenary Session Speakers shall have their round-trip transportation to the conference, lodging at the conference hotel, and per diem (\$30 per day) paid for by the conference. This practice will not continue after IEEE ICNN-88, except as individually approved by the IEEE ICNN Steering Committee.

IV. Exhibits

Structure

- The IEEE ICNN-88 exhibit hall will be divided into three functional areas: an exhibit area; a lounge; and an area for poster sessions.

- The exhibit area will accommodate 55-60 booths. The area will be structured with four 8-booth islands in the center. The remainder of the booths will occupy the periphery of the exhibit area. A preliminary floor plan is included as Figure Exhibits-1.

- All standard booths will be 10 feet wide and 8 feet deep and will have draped backwalls and 3 foot high dividers. Booth height may not exceed 8 feet with certain exceptions. The 8 foot height limitation may be exceeded for peripheral exhibits and exhibit islands. Booth height may not exceed 10 feet in any case, and may be subject to area ceiling limitations caused by air conditioning and piping. No exhibit may span an isle in any way. Exposed unfinished sides of exhibit backgrounds must be draped to present an attractive appearance and so as not to interfere with adjacent exhibits. Multiple contiguous exhibits may eliminate internal dividers.

Booth Classes and Pricing

- Booths will be offered in three classes. The classes, their prices, and maximum class limits are shown below.

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<u>Class</u>	<u>Abbr</u>	<u>Limit</u>	<u>Price</u>
Commercial	CO	60	800
University/ Publisher	UP	10	400
Science Fair	SF	10	200

Poster Sessions

•An estimated 200 poster sessions will be held during the four day conference. The actual number of sessions, their selection, and scheduling will be determined by the Conference Program Chairman.

The Lounge

•The function of the lounge is to provide an area wherein the visitors and conference attendees may rest, converse, and take refreshments. Lounge furnishings shall be provided by the hotel and conference service contractor. Refreshments shall be provided by the hotel and shall include coffee, soft drinks, cookies, pastries and fruits.

Publicity and Exhibitor Solicitation

•The IEEE ICNN-88 conference exhibits will be publicized through general conference press releases, paid advertisements, and direct mailings. In addition, a special direct mailing advertising the availability of exhibit space at the conference will be sent to potential exhibitors. The special direct mail piece will be published in January 1988.

•An "Information for Exhibitors" package will be published by the conference to be sent to all prospective exhibitors. This package will contain an application, exhibit rules and regulations, and a layout of the exhibit hall. The package will be developed and published for mailing in January 1988. This package will be sent to all interested in exhibiting at the IEEE ICNN-88.

•A data base of prospective exhibitors will be developed. This data base will be used to record the identity of all prospective exhibitors and their exhibit status at the IEEE ICNN-88.

Reservations and Assignments

•Booth space reservations will be required. Reservations for a booth within a specific class will be made upon receipt of a completed exhibit application (contract) and a deposit in the amount of 25% of the booth cost. Reservations for multiple booth exhibits will require a deposit for each booth ordered.

•Booth assignments will be made by the Exhibits Chairman at the end of each month for all unassigned booths requested for which deposits have been received. When making assignments, consideration will be given to class of exhibit, exhibit size, exhibit points accumulated from IEEE ICNN-87, and the date the application was received. All booth assignments will be completed by July 1, 1988, and reservations will not be accepted after this date unless specifically directed by the IEEE ICNN-88 organizing committee. The status of the exhibit area and booth assignments will be reported to exhibitors periodically.

•UP and SF booth requests will be allocated from booth areas designated for these

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classes.

- Every effort will be made to assign booths in accordance with exhibitor wishes. In the event of conflicts, the exhibitors affected will be notified of the decision of IEEE ICNN-88. In any event, the decision of the IEEE ICNN is final. The IEEE ICNN-88 reserves the right to adjust the floor plan and reallocate exhibitors as necessary. Exhibitors will be notified of the reasons for any such change.

Contractors

- A conference service contractor will be selected to handle shipping and storage of exhibits, drayage, set-up and dismantling of exhibits; supply carpeting, furniture and miscellaneous supplies to the conference; rent furniture, electrical equipment and services, and generally support the conference and exhibitors.

- Upon request, an exhibitor may obtain an exhibitor's kit from the conference service contractor. This kit will contain information on the services and supplies available from the contractor.

- Exhibit security will be provided using hotel security and the conference security contractor. It is anticipated that three contractor guards will be required to provide exhibit hall security during daytime operating hours. One guard will be required overnight.

- Additional contracting shall be arranged as necessary.

Hours of Operations

- The exhibit hall will be operation from July 24, 1988 through July 26, 1988, from 8:30am to 6:00pm, and on July 27, 1988 from 8:30 to 4:00pm. Set up of exhibits will take place on Saturday, July 23, 1988 from 2:00pm to 8:00pm. Dismantling of exhibits will take place on July 27, 1988 from 4:00pm to 7:00pm.

IEEE ICNN-88 Exhibits Program

- An Exhibits Program will be published announcing all exhibitors to the IEEE ICNN-88 conference.

Entry into Exhibit Area

- For each day that an attendee has paid to attend the conference, that attendee is entitled to one free admission to the exhibit hall. Purchase of an exhibit at the IEEE ICNN-88 entitles the exhibitor to 10 passes to the exhibit hall for the exhibit staff. Additional staff passes will be furnished on request. An exhibitor will also receive five free guest passes for each booth purchased. Exhibit staff and guest passes will be good for entry to the exhibit hall only. Additional daily passes to the exhibit hall may be purchased at the door for 10 dollars for each day the exhibit hall is open.

Exhibitor Registration

- An exhibitor registration desk will be open on the days of the conference. The exhibitor and staff may check in, register and pick up registration materials at this time. Exhibitor materials include copies of the Exhibits Program, special instructions, and staff and guest passes. An exhibitor may also pre-register to the conference if so desired.

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990, 543-6061 or 543-2150
FAX: (206) 543-3842; marks@blake.acs.washington.edu*

December 15, 1988

TO: NNC Publications Subcommittee Members

Robert W. Newcomb
FAX: (301) 454-1837

Evangelia Tzanakou
FAX: (201) 932-5313

Herb Rauch
FAX: (415) 424-3333

This is a follow-up to our phone conversation. Please look over the attached letter and proposal and see if you concur with the contents. I would like to get it in the mail by Tuesday of next week if it is the consensus of this Subcommittee.

Both the letter and the proposal were drafted by Herb. He did a superb job.

Sincerely,


Robert J. Marks II
NNC Publications Subcommittee, Chair

RJM:cc

Attachments

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990, 543-6061 or 543-2150
FAX: (206) 543-3842; marks@blake.acs.washington.edu*

December 14, 1988

TO: Society Presidents of the IEEE Neural Network Committee

I am the Secretary of the IEEE Neural Network Committee (NNC) of which your society is a member. At the November 28 meeting of the NNC in Denver, Troy Nagle announced his resignation as NNC Chairman because he was elected 1989 IEEE Vice President for Technical Activities, and he could not hold both offices. As NNC Secretary, I assumed the position of NNC Chairman pro tem.

At the NNC meeting in Denver, a proposal was made to have an IEEE Neural Network publication starting in 1990. Prior to his resignation, Troy Nagle appointed me as Chairman of the four person NNC Publication Subcommittee appointed to investigate this possibility in more detail. The NNC Publication Subcommittee has discovered that in order to have a new IEEE publication starting in 1990, we must make a formal proposal to the IEEE Publication Committee which should meet in early February 1989. The four members of the NNC Publication Subcommittee have begun to prepare the formal proposal at the same time we are asking for your inputs. Our intent is to call the proposed publication the IEEE Transactions on Neural Networks. A slightly edited version of the informal proposal made at the NNC Denver meeting is enclosed.

The purposes of this letter are to:

- (1) alert you to the plans for the 1990 publication
- (2) let you alert your society Board of Governors
- (3) solicit your comments
- (4) solicit your suggestions for Editors or Associate Editors

We intend to send to you a draft of the formal proposal early in January, based on the information we gather in the next several weeks.

Below are listed the names, addresses, and telephone numbers of the four members of the NNC Publications Subcommittee.

Society Presidents of the IEEE NNC
Page 2

Please call me directly or contact any member of the subcommittee if you have questions. Thanks for your support.

Sincerely,



Robert J. Marks II
Professor

RJM:cc

Enclosure

cc: NNC Members

Members of NNC Publications Subcommittee:

Robert J. Marks II, Chair
Electrical Engineering Department, FT-10
University of Washington
Seattle, WA 98195
(206) 543-6990
FAX: (206) 543-3842
Computer mail: marks@blake.acs.washington.edu

Robert W. Newcomb
Microsystems Laboratory
Electrical Engineering Department
University of Maryland
College Park, MD 20742
(301) 454-6869
FAX: (301) 454-1837
Computer mail: newcomb@eneevax.umd.edu

Evangelia Tzanakou
Biomedical Engineering
Rutgers University
P.O. Box 909
Piscataway, NJ 08854
(201) 932-2037
FAX: (201) 932-5313
Computer mail: ETZANAKO@elbereth.rutgers.edu

Herbert E. Rauch
Lockheed
Dept. 92-20, Building 254E
3215 Hanover Street
Palo Alto, CA 94304
(415) 424-2704
FAX: (415) 424-3333

Proposal for IEEE Transactions on Neural Networks
(14 December 1988)

Introduction and Summary We propose publication of the subject Transactions on a quarterly basis beginning early in 1990. The time line is (1) approval by the Neural Network Committee, (2) subsequent approval in the next few months by constituent societies, (3) at the same time preparation of detailed editorial plans (including Editor-in-Chief, Editors, Associate Editors, etc.), (4) presentation to IEEE Publication Board, TAB Finance Board, and TAB Periodicals Board, by end of February 1989, and (5) publication starting first quarter in 1990.

Proposed Publication The budget for 1990 shows that a quarterly with 5000 copies and 320 pages for the year can have a potential surplus of \$14K for the year. The 5000 copies would be from 4000 subscribers from IEEE Societies (at \$10 per year) and 1000 subscribers from the IEEE Transactions package (which is "guaranteed" at a total of \$32K). The 4000 IEEE subscribers would compare to the approximately 3500 current subscribers to the journal of the International Neural Network Society.

Editorial Procedure The papers for the initial issues can be obtained from individual solicitation and from papers submitted to the 1989 IEEE International Conference on Neural Networks which has "final" papers due by March 1989. Obtaining the papers for the initial issues will be a real challenge for the Editor-in-Chief, but after the "pipeline" is filled, the publication effort will settle somewhat. It is suggested that there be one "Editor-in-Chief" plus several "Editors" (who will represent the several facets of neural network efforts) plus a number of Associate Editors. The Editor would have a budget of \$10K for secretary, etc.

*↑
expense mailing*

in-chief

Preliminary Budget for Proposed IEEE Transactions on Neural Networks, 1990 Calendar Year

Note: Information obtained from IEEE Staff -- Melvin Olken (212) 705-7178 from Technical Activities Department and Otto Vathke (212) 705-7551 from Publications Department. The expense numbers obtained from Otto Vathke were for 1989 so they have been increased by 5% to represent costs in 1990.

Budget: Quarterly publication; 320 pages annually; Income of \$80K [1000 copies from Transactions package (\$40K) and \$10 per year per subscriber (\$40K)]; Expenses of \$66K [IEEE Publications (\$56K) and Editor expenses (\$10K)]; Surplus Potential of \$14K [Income minus expenses].

STANFORD UNIVERSITY, STANFORD, CALIFORNIA 94305

JOSEPH W. GOODMAN
WILLIAM E. AYER PROFESSOR OF ELECTRICAL ENGINEERING
CHAIRMAN, DEPARTMENT OF ELECTRICAL ENGINEERING

McCULLOUGH 150
STANFORD, CALIFORNIA 94305-4055
(415) 723-5782

December 28, 1988

Prof. Robert J. Marks
Department of Electrical Engineering
University of Washington
Seattle, Washington

Dear Bob:

Due to the pressure of duties and the fact that I only occasionally attend neural network meetings, I have been unable to participate in the deliberations of the IEEE Neural Networks Committee the way I would have liked. I do want you to know, however, that I have read the proposed agreement between the NNC and the INNS and I heartily endorse it. Such agreements are sometimes difficult to achieve, and those involved should be proud of what they have accomplished.

Best regards,

A handwritten signature in black ink, appearing to be 'Joe', written in a cursive style.

IEEE PROPRIETARY - DO NOT DISTRIBUTE**Contingency Planning**

•In the event that there is an overwhelming demand for booth space at the conference, and the conference is able to sell booths in excess of the 55-60 planned, the areas allocated for the lounge and poster session area shall be used for additional exhibit booths. The lounge and poster session areas shall be reduced in size to accommodate the added exhibit booth requirements. In such an event, and as necessary, arrangements shall be made to accommodate serving refreshments and providing space for the poster sessions elsewhere at the conference.

Fire Laws and Safety

The exhibit area will be designed in accordance with local city fire codes, and a permit will be obtained.

Signatures:

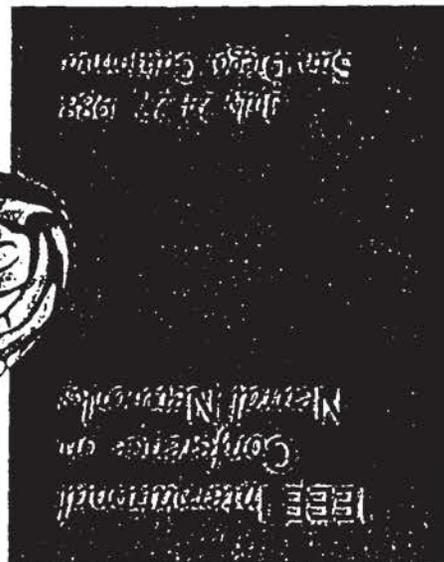
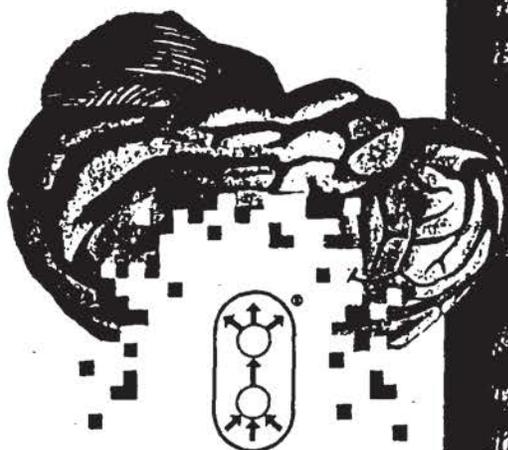
Chairman
San Diego Section

Chairman
IEEE Neural Networks Committee

Director
IEEE Region 6

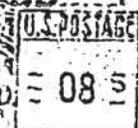
Director
IEEE Division X

IEEE Executive Director



IEEE
ANNUAL
INTERNATIONAL
CONFERENCE ON
NEURAL NETWORKS
3770 Tansy Street
San Diego, CA 92121

NONPROFIT ORG



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ELECTRICAL AND
ELECTRONICS
ENGINEERS, INC.
San Diego Section

and the IEEE Technical Advisory Board
Neural Network Committee

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<i>Plenary Speakers</i>	Eduardo Caianiello, John Caulfield, Carver Mead, Marvin Minsky, David Rumelhart	
<i>Sessions & Chairs</i>	SELF-ORGANIZATION	Teuvo Kohonen, <i>Helsinki University of Technology</i>
	NETWORK DYNAMICS	Morris Hirsch, <i>University of California, Berkeley</i>
	ASSOCIATIVE MEMORY	Bart Kosko, <i>University of Southern California</i> Carmen Torras, <i>Institut de Cibernetica, Spain</i>
	LEARNING ALGORITHMS I	James Anderson, <i>Brown University</i> Elle Bienenstock, <i>University of Paris, South</i>
	NETWORK ARCHITECTURES I	John Hertz, <i>Nordita, Denmark</i> Bobby Hunt, <i>SAIC, Tucson</i>
	LEARNING ALGORITHMS II	David Parker, <i>Palo Alto, California</i> Bernard Widrow, <i>Stanford University</i>
	IMAGE PROCESSING	David Casasent, <i>Carnegie-Mellon University</i> John Daugman, <i>Harvard University</i>
	NETWORK ARCHITECTURES II	Shunichi Amari, <i>University of Tokyo</i> Charles Elbaum, <i>Brown University</i>
	VISION	Kunihiko Fukushima, <i>NHK Labs, Tokyo</i> Christopher von der Malsburg, <i>University of Southern California</i>
	NEUROBIOLOGICAL CONNECTIONS	Michael Arbib, <i>University of Southern California</i> Walter Freeman, <i>University of California, Berkeley</i>
	SPEECH RECOGNITION & SYNTHESIS	Jeffrey Elman, <i>University of California, San Diego</i> Terrence Sejnowski, <i>Johns Hopkins University</i>
	ELECTRONIC NEUROCOMPUTERS	Dan Hammerstrom, <i>Oregon Graduate Center</i> Robert Hecht-Nielsen, <i>HNC, Inc.</i>
	OPTICAL NEUROCOMPUTERS	Joseph Goodman, <i>Stanford University</i> Keith Jenkins, <i>University of Southern California</i>
	COMBINATORIAL OPTIMIZATION	Bernard Soffer, <i>Hughes Research Lab</i> Harold Szu, <i>Naval Research Laboratory</i>
	NOVEL APPLICATIONS	Lee Giles, <i>Air Force Office of Scientific Research</i> David Willshaw, <i>University of Edinburgh</i>
	ROBOTICS & CONTROL	Rolf Eckmiller, <i>University of Dusseldorf</i> Andres Pellionez, <i>New York University</i>

See inside for complete schedule

*International
Conference on
Neural Networks
1988*

*July 24-27, 1988
San Diego, California*

The San Diego IEEE Section and the IEEE Technical Activities Board Neural Network Committee welcome neural network enthusiasts in industry, academia and government worldwide to participate in the IEEE 1988 International Conference on Neural Networks, July 24-27 at the Sheraton Harbor Island East Hotel in San Diego, California.

The annual international gathering is devoted to the technology of neurocomputing in its academic, industrial, commercial, consumer, government and biomedical engineering aspects. IEEE ICNN 88 features the leading academic and industry experts. Conference technical sessions will report the latest theoretical advances as well as descriptions of neurocomputing technology and applications.

Call for Papers

Deadline: April 1, 1988

For those contributing papers to the conference, papers must be postmarked no later than April 1, 1988, and submitted in five copies. All papers must be completed within eight pages in length including figures, tables and references. There will be a charge for papers exceeding eight pages. Papers must be camera-ready on 8½ by 11 white paper with title, author name(s) and affiliation(s) all at the top of the first page followed by abstract. Format is one-column in Times or similar font style, 10 point or larger. Margins must be one inch on all four sides. All text, figures, captions and references must be clean, sharp, readable, and high contrast.

Papers will be printed in the IEEE ICNN 88 Proceedings as submitted; Proceedings will be ready at the Conference. A covering letter must be submitted with your paper and show: 1. Title of paper. 2. Name, address and telephone number of corresponding author. 3. Your choice of technical session (one only) in which you wish to present your paper. See Technical Sessions Program. After acceptance, the author must sign and return a standard IEEE copyright agreement.

No substantial part of this paper can be presented elsewhere.

Send papers to:

Nomi Feldman
IEEE ICNN 88 Conference
Secretariat
3770 Tansy Street
San Diego, CA 92121

Exhibit Information

The exhibit portion of IEEE ICNN 88 will be larger than that of IEEE ICNN 87 in both attendance and sponsors. Exhibitors will present the latest innovations in neurocomputers, neurosoftware and applications. IEEE ICNN 88 anticipates many new commercial introductions, with a focus on applications and engineering. IEEE ICNN 88 will also feature company-sponsored booths for employee recruitment.

The ICNN has become the neural network industry's largest trade show. Early exhibit space reservations are advised. Booth assignments are made on a first-come, first-served basis. Interested exhibitors should contact Richard Rea at (619) 222-7447.

Publicity Liaison

Requests for press credentials and all other media inquiries should be directed to:

Tammy Smith/Sue Varga
Smith-Masar-Johnston Marketing
Communications
3530 Camino Del Rio North
Suite 309
San Diego, CA 92108
(619) 281-8991

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**Program for
Technical Sessions**

	Morning Sessions <i>8am-Noon</i>	Afternoon Sessions <i>1pm-5pm</i>
SUNDAY, JULY 24	Self Organization Network Dynamics	Associative Memory Learning Algorithms I
MONDAY, JULY 25	Network Architectures I Learning Algorithms II	Network Architectures II Image Processing
TUESDAY, JULY 26	Vision Neurobiological Connections	Speech Recognition & Synthesis Electronic Neurocomputers
WEDNESDAY, JULY 27	Optical Neurocomputers Combinatorial Optimization	Novel Applications Robotics & Control

**Plenary Sessions
and Reception**

SATURDAY, JULY 23	Wine and Cheese Reception, 6pm-8pm Industry Panel, 8pm-10pm <i>Tom Schwartz, Moderator</i>
SUNDAY, JULY 24	Plenary Session I, 7pm-10pm On Neural Networks, <i>Marvin Minsky</i> Parallel Distributed Processing, <i>David Rumelhart</i> Architectures for Neural Preprocessing, <i>Carver Mead</i>
MONDAY, JULY 25	Plenary Session II, 8pm-10pm Vistas in Optical Neurocomputing Design, <i>John Caulfield</i> The First Years of Neurocomputing, <i>Eduardo Caianiello</i>
TUESDAY, JULY 26	Poolside Party, 6pm-8pm Government Funding Panel, <i>Ira Skurnick, DARPA, Moderator</i>

Registration Fees

Conference Registration (Does Not Include Tutorials)
 All prices are in US dollars and include Proceedings, unless otherwise noted.

Through April 1, 1988	\$190
April 1 to June 30	\$240
After June 30	\$280
Single day registration (Proceedings not included)	\$110
Full-time students (Proceedings not included)	\$90

- A letter from the Department Head is required to verify full-time student status. A current student ID with photo will be required at the door.
 - 20% discount for current IEEE members. Member number is required. This discount does not apply to student registration or tutorials.

Conference Registration Fee includes admission to all sessions, exhibit area, Saturday Welcome Reception, Tuesday evening poolside party.

Tutorial Registration Only registered Conference participants may register for the tutorials.

Each Tutorial	\$125	Four Tutorials	\$450
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Make check payable to IEEE ICNN 88. ALL FOREIGN PAYMENTS MUST BE MADE BY DRAFT ON A US BANK IN US DOLLARS.
 CREDIT CARDS NOT ACCEPTED.

Hotel Reservation
 Deadline: June 23, 1988

Make checks payable and mail to:
 Sheraton Harbor Island East
 1380 Harbor Island Drive
 San Diego, CA 92101

- Single Room \$100/night (US dollars)
- Double Room \$100/night (US dollars)

Name _____
 Sharing with (if applicable) _____

Organization _____

Address _____

City _____

State _____ Zip _____

Arrival Date _____ Time _____
 (Check in time is 2:00 pm)

Departure Date _____
 (Check out time is noon)

Reservations will be held until 3:00 pm on arrival date unless guaranteed by

AX DC CB VISA MC

Card No. _____

Expiration Date _____

Enclose deposit of ONE NIGHT'S rate plus 7% tax.

CONFERENCE REGISTRATION

Through April 1, 1988
 April 1-June 30
 July 1-27
 †One Day Registration
 Sun. Mon. Tues. Wed. (Please circle one)
 †*Student
 CHECK ENCLOSED

	NON-MEMBER	IEEE MEMBER (20% Discount)
	(US dollars)	(US dollars)
Through April 1, 1988	\$190 _____	\$152 _____
April 1-June 30	\$240 _____	\$192 _____
July 1-27	\$280 _____	\$224 _____
†One Day Registration Sun. Mon. Tues. Wed. (Please circle one)	\$110 _____	\$88 _____
†*Student	\$90 _____	\$90 _____
CHECK ENCLOSED	\$ _____	\$ _____

*Students must submit a letter from their academic department verifying full-time student status and must present current student I.D. card at the door.
 †Proceedings not included.

Forms may be duplicated for additional registrants.

Last Name _____

First Name/ Middle Initial _____ (Please circle one) Dr. Mr. Ms.

Affiliation _____

Preferred Mailing Address: Business Home

Address _____

City _____ State _____

Zip _____ Country _____

Telephone: Office () _____ Home () _____

TUTORIAL REGISTRATION (Optional)

- One Tutorial \$125 _____
- Two Tutorials \$250 _____
- Three Tutorials \$375 _____
- Four Tutorials \$450 _____

CHECK ENCLOSED \$ _____

GRAND TOTAL ENCLOSED (Conference & Tutorials) \$ _____

List your tutorials by numbers (refer to tutorial list). Maximum 4 tutorials. Cost: \$125 (US dollars) each tutorial, \$450 (US dollars) 4 tutorials.

In order of priority, highest - lowest

1st Choice				
Alternate				

Make check payable and mail to:
 IEEE ICNN 88
 Nomi Feldman
 3770 Tansy Street
 San Diego, CA 92121

ALL FOREIGN PAYMENTS MUST BE MADE BY DRAFT ON A U.S. BANK IN U.S. DOLLARS CREDIT CARDS NOT ACCEPTED

Accommodations

The Conference will be held at the Sheraton Harbor Island East Hotel. A limited number of rooms with special rates are being held for our group until June 23, 1988. Please reserve early.

Sheraton Harbor Island East Hotel
 1380 Harbor Island Drive
 San Diego, CA 92101
 (619) 692-2265

The Sheraton Harbor Island East Hotel is located on spectacular Harbor Island in San Diego Bay—only minutes from the airport and downtown San Diego, yet in the heart of the resort area. Complimentary transportation to and from the airport is available. The hotel has a private beach, playground facilities, sailing, two fresh water pools, tennis courts and putting green.

Social Activities

Sightseeing tours in and around San Diego will be offered. Details and registration forms will be sent out upon registration for the Conference.

Messages

If you need to be reached during the conference, the number to call is: (619) 291-2900 and ask for Neural Networks Conference.

Cancellation

If your registration must be cancelled, your fee less \$30 (US dollars) for administrative costs will be refunded if we are notified in writing 3 weeks in advance of the Conference. No refunds can be given after the Conference begins.

Airline Transportation

You can save 40% and more...however, you must make your reservations early! American Airlines will guarantee an exclusive IEEE ICNN Meeting Saver Fare:

40% discount on full coach fare if ticket is purchased up to 7 days in advance

Reservations MUST be made early

In addition, 5% discount off ANY applicable published fare for which you qualify, including Super Saver, first class, etc.

Please note: There is a \$30 cancellation charge on the Meeting Saver Fare, after ticketing.

You must reserve through American's Meeting Services Desk. This offer is valid for travel on American segments only from July 21-July 29, 1988.

Be sure to give your STAR FILE NO. S73774
 Please call: 1 (800) 433-1790

Further Information

For further information regarding registration write to:

Nomi Feldman
 Conference Coordinator
 3770 Tansy Street
 San Diego, CA 92121
 Telephone (619) 453-6222

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

Jarid 7/25/89

Department of Electrical Engineering, FT-10
Telephone: (206) 543-2150

To: Evangelia Tzanakou FAX (201) 932-3753
From: Bob Marks

Litsa

Thanks for the notes!
Is my addition on p. 2
correct? Please let me
know ASAP. e-mail is OK.

Best regards
- Bob -

6/13/89

called Shirley Kotze
(619) 453-6222

reserved for ²¹ ~~to~~ placing ²³ 18

She leaves Thursday am.
You can contact her at
Sheraton for messages.

W

UNRES

✓

6?

~~Shirley Kotze~~

(Booked)
return? 21 movie

ME 1 (✓) (Members)

NO 2 calls 2 ✓
Pat Simpson yes

NO
Epstein yes

NO
~~Shirley~~ yes

NO
Judy Younger yes

NO
Kurt Pattison yes

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990, 543-6061 or 543-2150
FAX: (206) 543-3842; marks@blake.acs.washington.edu*

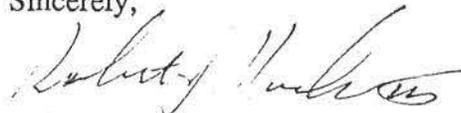
June 29, 1989

Ms. Mel Bonaviso
IEEE Headquarters
345 E. 47th Street
New York, NY 10017

Dear Mel:

Please directly reimburse Professor Goodman in the amount of \$157.00 for expenses incurred on behalf of the IEEE Neural Networks Committee (NNC). His correspondence and original receipts are attached.

Sincerely,



Robert J. Marks II
NNC Chair

RJM:ew
Att.

cc: Joe Goodman
Russ Eberhart, NNC Treasurer

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990 (office), 543-6061 (secretary),
543-2150 (main office), 776-8995 (home), 543-3842 (FAX);
marks@blake.acs.washington.edu*

May 30, 1989

Ms. Mel Bonaviso
IEEE
345 East 47th Street
New York, NY 10017

Dear Mel:

I request reimbursement from the IEEE Neural Network Committee (NNC) Funds for the following expenditures:

Printing (for upcoming NNC meeting).....	\$291.98
Phone (to N. DeClaris, Oversight Committee Chair).....	\$ 20.49
TOTAL	\$312.47

Please make the check out to me and mail to the above address. The original receipts are attached.

Sincerely,



Robert J. Marks II
NNC Chairman pro tem

RJM:ew

cc: Wes Snyder, NNC Treasurer

BILLING FOR
 MCI
 PO BOX 1068 EVERETT WA 98207
 CUSTOMER BILLING CENTER -NO CHARGE- 1-823-8616
 MAY 10 1989 206-776-8995
 DR ROBT II & MONICA MARKS

MCI NEW CHARGES

DATE	CALLS TO	TELEPHONE #	MIN	CPT	FROM	TIME	
MAR20	MIDDLETOOH	513-423-9403	2	421		609PM	.36
MAR25	MAPLE HTOH	216-663-5610	2	431		406AM	.28
MAR26	TERREHAUIN	812-299-9194	1	431		202PM	.14
MAR26	FLOURBLUTX	512-939-8895	37	431		204PM	4.80
MAR26	FLOURBLUTX	512-939-8895	39	431		241PM	5.06
MAR30	MAPLE HTOH	216-663-5610	3	421		733PM	.53
APR02	MAPLE HTOH	216-663-5610	24	431		354PM	3.24
APR06	MAPLE HTOH	216-663-5610	26	421		722PM	4.44
APR08	MAPLE HTOH	216-663-5610	34	431		650PM	4.59
APR10	LUBBOCK TX	806-794-7045	7	411		1001AM	1.82
APR14	LAUREL MD	301-776-5571	77	411		312PM	20.49
APR15	FLOURBLUTX	512-939-8895	39	431		732PM	5.06
		SUBTOTAL				50.81	
TOTAL LONG DISTANCE CHARGES						50.81	
3.00% FEDERAL EXCISE TAX ON						50.81	1.52
7.80% WASHINGTON STATE SALES TAX ON						50.81	3.96

MCI NEW CHARGES						56.29	

Declaris



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Seattle, WA 98105
(206) 632-0374

25 MAY 89

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37	116	COPY	.05	214	60
37	1	BIND	1.50	55	50

SALESPERSON <u><i>RM</i></u>	SUB-TOTAL	270	10
RECEIVED BY _____	SALES TAX	21	88
	TOTAL	291	98

PLEASE PAY FROM THIS INVOICE
PLEASE REMIT TO THE ABOVE ADDRESS

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990, 543-6061 or 543-2150
FAX (206) 543-3842; marks@blake.acs.washington.edu*

5-30-89

Dr. Herbert E. Rauch
Lockheed
Dept. 92-20, Bldg.254E
3215 Hanover St.
Palo Alto, CA 94304
(415) 424-2704
FAX: (415) 424-3333

Dear Herb:

Here is a list of the members of the Editorial Board.

The second page of the list was omitted by the printer in material recently sent to NNC members . You should be receiving this material shortly.

Best regards,



Robert J. Marks II
NNC Chairman pro tem

THERE ARE 3 PAGES IN THIS FAX MESSAGE INCLUDING THIS ONE

May 23, 1989

Editorial Board:
IEEE Transactions on Neural Networks

Acoustics, Speech and Signal Processing

Richard P. Lippmann
MIT Lincoln Laboratory
P.O. Box 73
Lexington, MA 02173
(617) 981-2711

Circuits and Systems

Anthony N. Michel
Dean, College of
Dept. of Electrical
University of Notre Dame
Notre Dame, IN 46556
(219) 239-5534

Communications

Kesh Bakhru
Cubic Corporation
9333 Balboa Avenue
San Diego, CA 92123
(619) 277-6780, ext. 2648

Control Systems

Bradley Dickinson
Dept. of Electrical Engineering
Princeton University
Princeton, NJ 08544
bradley@ivy.princeton.edu
(609)452-4644

Engineering in Medicine and Biology

Evangelia Tzanakou
Biomedical Engineering
Rutgers University
P.O. Box 909
Piscataway, NJ 08854
(201) 932-2037
etzanako@elbereth.rutgers.edu
FAX:(201)932-5313

Industrial Electronics

H. Troy Nagle
Elec. and Computer Engineering
North Carolina State University
Box 7911
Raleigh, NC 27695
(919) 737-3578
htn@ece-csc.ncsu.edu
FAX:(919)737-7382.

Information Theory

Edward C. Posner
Dept. of Electrical Engineering
California Inst. of Technology
1201 California Street
Pasadena, CA 91125
(818) 356-4852

Lasers and Electro-Optics

Kristina Johnson
Dept. of EE & CS
University of Colorado
Campus Box 425
Boulder, CO 80309
(303) 492-1835
kris@boulder.colorado.edu

Robotics and Automation

Wesley E. Snyder
Elec. and Computer Engineering
North Carolina State University
Box 7911
Raleigh, NC 27695
(919) 737-2336
wes@ecelet.ncsu.edu

Systems, Man, and Cybernetics

Don Bouldin
Dept. of Electrical & Computer Engin.
University of Tennessee
Knoxville, TN 37996-2100
(615) 974-5444
bouldin@sun1.engr.utk.edu

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990 (office), 543-6061 (secretary),
543-2150 (main office), 776-8995 (home), 543-3842 (FAX);
marks@blake.acs.washington.edu*

May 24, 1989

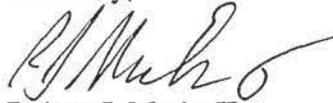
Michael Aronstein
4015 Hancock Street, Suite 101
San Diego, CA 92110

Dear Michael:

The IEEE Neural Network Committee (NNC) meeting had to be changed from June 21 in order to accommodate as many as possible who could only attend on June 18.

Sorry for the inconvenience.

Sincerely,



Robert J. Marks II
NNC Chairman pro tem

RJM:ew

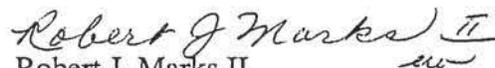
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SEATTLE, WASHINGTON 98195

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Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990 (office), 543-6061 (secretary),
543-2150 (main office), 776-8995 (home), 543-3842 (FAX);
marks@blake.acs.washington.edu*

May 23, 1989

I.E.E.E.
Attention: Technical Activities Department
FAX: (212) 752-4929

The IEEE Neural Network Committee (NNC) will meet at the Washington D.C. Sheraton at 8:00 p.m. on Sunday, June 18, 1989.


Robert J. Marks II
NNC Chairman pro tem

RJM:ew

There is one page to the FAX transmission.

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990 (office), 543-6061 (secretary),
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marks@blake.acs.washington.edu*

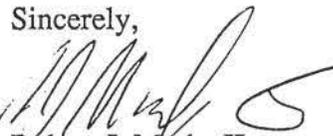
May 22, 1989

H. John Caulfield
Ctr. Appl. Opt.
University of Alabama/Huntsville
Huntsville, AL 35899

Dear John:

Sorry I missed your call last week. I assume it was in regard to the upcoming IJCNN.

You can glean from the letterhead a plethora of channels over which we can communicate. I look forward to hearing from you.

Sincerely,

Robert J. Marks II
Professor

RJM:ew

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

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marks@blake.acs.washington.edu

5-19-89

Dr. Nicholas DeClaris
FAX # (301) 328-8013

The following officers for the IJCNN in summer '90 in San Diego has been approved by a majority vote of the IEEE faction of the Oversight Committee:

General Co-Chairs	Joseph Goodman, Stanford Walter Karplus, UCLA
Program Co-Chairs	Walter Freeman, UC/Berkley Bart Kosko, USC
Finance Chair	H. John Caulfield, U. of Alabama
Local Arrangements	Patrick Simpson, General Dynamics

Please let me know immediately after the above conference officials have been contacted concerning this decision. I will then inform the members of the NNC. Also, please FAX to me a copy of the addresses and phone numbers of the conference officials.

Sincerely,



Robert J. Marks II
NNC Chairman pro tem

cc: Bernard Widrow, INNS: FAX# (415) 723-8473
Nomi Feldman: FAX# (619)-453-7930
Evangelia Tzanakou: FAX #(201) 932-5313

THERE IS A SINGLE PAGE IN THIS FAX TRANSMISSION.

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990 (office), 543-6061 (secretary),
543-2150 (main office), 776-8995 (home), 543-3842 (FAX).
marks@blake.acs.washington.edu*

5-19-89

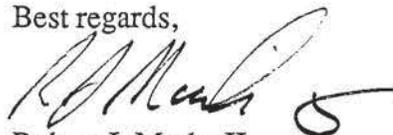
Dr. Nicholas DeClaris
FAX # (301) 328-8013

Dear Nick,

Thank you and the Oversight Committee for your fine efforts in putting together the officers in the upcoming Summer '90 IJCNN. Two items:

- ◆ Due to the late date, there is an elevated degree of urgency concerning some items for the summer '90 IJCNN. It is of the utmost important to immediately attend to generation of printed material to be made available at the upcoming June IJCNN concerning the 1990 conference - including dates, call for papers and conference location.
- ◆ The conference officials need to be aware of the conference regulations imposed by INNS, IEEE and the NNC. The NNC Charter, for example, requires a two month review period of conference budgets by member societies prior to NNC approval.

Best regards,



Robert J. Marks II
NNC Chairman pro tem

cc: Evangelia Tzanakou, NNC Secretary: FAX #(201) 932-5313

THERE IS A SINGLE PAGE IN THIS FAX TRANSMISSION.

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON

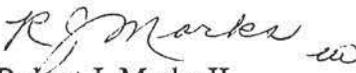
*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990, 543-6061 or 543-2150
FAX: (206) 543-3842; marks@blake.acs.washington.edu*

May 18, 1989

Carol Bonomo
FAX (619) 452-6524

The NNC member list you sent, in light of the hassle to change, looks fine.

Sincerely,


Robert J. Marks II
NNC Chairman pro tem

RJM:ew

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990, 543-6061 or 543-2150
FAX: (206) 543-3842; marks@blake.acs.washington.edu*

May 17, 1989

Conference Services
IEEE Service Center
445 Hoes Lane
P. O. Box 1331
Piscataway, NJ 08855-1331

Dear Sirs:

Enclosed is a copy of the budget for the upcoming International Joint Conference on Neural Networks.

Sincerely,



Robert J. Marks II, Chairman pro tem
IEEE Neural Networks Committee

RJM:ew

cc: Evangelia Tzanakou, NNC Secretary pro tem



See reverse side for instructions on how to complete this form

CONFERENCE

1. Full title of Conference International Joint Conference on Neural Networks

2. Dates of Conference June 18-21, 1989

3. Location of Conference (full name and address) Washington Sheraton, Washington DC

4. Estimated Attendance 2000

5. Exhibits Yes No

6. Will there be a Conference publication? Yes No If yes, check one box below.
 Conference Record Other (explain) _____

IEEE ENTITY INVOLVEMENT

7. If IEEE entity involvement is either Sponsorship or Cosponsorship as defined on reverse side, enter below the names of all involved IEEE and non-IEEE entities and their percent of financial share.

Entity <u>IEEE Neural Networks Committee</u>	<u>2/5</u>	<u>40</u>
Entity <u>IEEE Washington Section</u>	<u>2/5</u>	<u>10</u>
Entity <u>International Neural Networks Society</u>	<u>2/5</u>	<u>50</u>
Entity _____	<u>2/5</u>	_____

8. If IEEE entity involvement is either Participating or Cooperating as defined on reverse side, enter below the names of all involved IEEE and non-IEEE entities and indicate the involvement of each.

Entity _____	Type of Involvement	
	Participating	Cooperating
Entity _____	<input type="checkbox"/>	<input type="checkbox"/>
Entity _____	<input type="checkbox"/>	<input type="checkbox"/>
Entity _____	<input type="checkbox"/>	<input type="checkbox"/>
Entity _____	<input type="checkbox"/>	<input type="checkbox"/>

9. Has the Section within whose geographical boundaries the Conference is being held been notified? Yes No
If yes, who was contacted? Russell Eberhart Washington
Name Section

10. Has IEEE Conference Insurance form been submitted? Yes No

ADMINISTRATION

1. For the following Conference officers, enter first name, middle initial and last name, plus complete address and telephone number.

CONFERENCE CHAIRMAN Wesley E. Snyder Tel. No. (919) 737-2336
Address _____

INFORMATION CONTACT Nomi Feldman Tel. No. (619) 453-6222
Address 3770 Tansy Street San Diego CA 92121

COMMITTEE MEMBERS

If available, please attach to this form a complete list of Conference Committee members, their titles, addresses and telephone numbers.

SUBMITTED BY:

Name Wesley Snyder Tel. No. (919) 737-2336
Address Dept. of Electrical and Computer Engineering NCSU Raleigh, NC 27607
Conference Position Co-chair

SIGNATURE _____ Date _____



IEEE TECHNICAL ACTIVITIES

IEEE CONFERENCE SERVICES DEPARTMENT

CONFERENCE PUBLICATION FORM

See reverse side for instructions on how to complete this form

PLEASE NOTE: THIS INFORMATION IS REQUIRED IN ORDER TO ESTABLISH A PAYMENT TO THE CONFERENCE FOR POST CONFERENCE PUBLICATION SALES.

Parts A and B should be completed by the Conference Chairman or designee and returned six (6) months prior to the conference to: IEEE CONFERENCE SERVICES, 345 E. 47th STREET, NEW YORK, NY 10017-2394.

Part A CONFERENCE PUBLICATION

1. Full title of Conference International Joint Conference on Neural Networks
2. Dates of Conference June 18-21, 1989
3. Location of Conference (full name and address) Washington Sheraton, Washington DC
4. Full name of publication as it will appear on title page Proceedings of the 1989 International Joint Conference on Neural Networks
5. Scheduled date of publication May, 1989
6. Estimated shipping date to IEEE June 1989
7. Estimated pages 1200
8. Page size 8 1/2 x 11
9. Volumes 2
10. Copyright: IEEE Other
11. If other, name and address of entity that owns copyright _____

Part B POST CONFERENCE PUBLICATION

1. Name and address of printer To be determined
- (Area Code) Telephone No. _____
3. Contact person _____
4. IEEE PAYMENT FOR CONFERENCE PUBLICATION SHOULD BE SENT TO:
Name: _____

5. Conference Chairman or Designee _____
Title _____
6. Address _____ (Area Code) Telephone No. _____

7. Date _____
8. Signature _____

Part C TO BE COMPLETED BY IEEE - DO NOT COMPLETE - INTERNAL USE ONLY

1. LC Cat. No. _____
2. IEEE Cat. No. _____
- ISSN _____
4. Actual Shipping Date _____
5. Actual pages _____
6. Cost per copy _____
7. Copies ordered _____
8. Copies Rec'd _____
9. Total Cost _____
10. Bindery name and address _____

11. (Area Code) Telephone No. _____
12. Contact person _____

Keep a copy for your records



IEEE TECHNICAL ACTIVITIES

SUMMARY FINANCIAL REPORT FOR IEEE SPONSORED OR COSPONSORED CONFERENCES

See reverse side for instructions on how to complete this form

CONFERENCE

1. Full title of Conference International Joint Conference on Neural Networks
 2. Dates of Conference June 18-21, 1989
 3. Location of Conference (full name and address) Washington Sheraton, Washington DC

TYPE OF REPORT / CURRENCY USED

4. Indicate type of report by checking one box:
 Budget Interim Report Final Report
 5. All income and expense figures below must be in U.S. Dollars. For Conferences held outside the U.S.A., indicate here the local currency (e.g., Swiss Francs) and the conversion rate used (local currency units per 1 U.S. Dollar) and date.
 Local currency: _____ Conversion rate: _____ Date of conversion rate: _____

INCOME

	Budget	Interim Report	Final Report
6. Registration Fees (see attached budget)	\$ _____	\$ _____	\$ _____
7. Conference Publication Sales	_____	_____	_____
8. Exhibits	_____	_____	_____
9. Social Functions	_____	_____	_____
10. All Other Conference Receipts	_____	_____	_____
11. Total Conference Income	_____	_____	_____
12. Advance Loans	_____	_____	_____
13. Total Receipts	\$ _____	\$ _____	\$ _____

EXPENSE

	Budget	Interim Report	Final Report
14. Promotion	\$ _____	\$ _____	\$ _____
15. Conference Publications	_____	_____	_____
16. Exhibits	_____	_____	_____
17. Social Functions	_____	_____	_____
18. Administration	_____	_____	_____
19. All Other Conference Expenses	_____	_____	_____
20. Total Conference Expense	_____	_____	_____
21. Loan Repayments	_____	_____	_____
22. Total Outlays	\$ _____	\$ _____	\$ _____

SURPLUS / (LOSS)

23. Total Receipts (13) \$ 684,378 24. Total Outlays (22) \$ 587,150
 25. Surplus (Loss) - (Item 23 less Item 24) \$ 97,228

POST CONFERENCE DISTRIBUTION

Surplus (Loss) in Item 25 to be distributed as follows:

Cosponsor Entity	% Share	\$ Distributed
a. IEEE Neural Networks Committee	40	_____
b. IEEE Washington Section	10	_____
c. International Neural Network Society	50	_____
d. _____	_____	_____
Surplus (Loss) \$		_____

CONFERENCE FINANCIAL INSTITUTION

Name of Bank to be determined
 Address _____
 Conference Account Title _____ Account No. _____
 Have you requested IEEE Conference Insurance? Yes No

SUBMITTED BY:

Name Wesley E. Snyder Tel. No. (919) 737-2336
 Address Department of Electrical and Computer Engineering, NCSU Raleigh NC 27607
 Conference Position Co-chair

SIGNATURE _____

Date _____

INCOME

REGISTRATION FEES	Quantity	Fee	Total
one day member	26	\$88.00	\$2288.00
student member	120	\$50.00	\$6000.00
student nonmember	74	\$75.00	\$5550.00
one day nonmember	35	\$110.00	\$3850.00
member early advance	200	\$152.00	\$30400.00
nonmember early advance	185	\$190.00	\$35150.00
member advance	470	\$192.00	\$90240.00
Misc.	0	0	\$0.00
nonmember advance	190	\$240.00	\$45600.00
member at conf	400	\$224.00	\$89600.00
nonmember at conf	300	\$280.00	\$84000.00
freebees	0	\$0.00	\$0.00
Total registrants	2000	Subtotal	\$392678.00
CONFERENCE PUB SALES			
To members	200	\$75.00	\$15000.00
To nonmembers	50	\$150.00	\$7500.00
To IEEE	50	\$40.00	\$2000.00
Total copies	250	Subtotal	\$24500.00
EXHIBITS			
Booths	50	\$900.00	\$45000.00
OTHER			
Interest			\$900.00
Page charges			\$1300.00
Advance from icnn88			\$40000.00
Subtotal			\$42200.00
TOTAL INCOME			\$504378.00

EXPENSES

	Budget
PROMOTION	
Printing/call for papers	\$1700.00
Printing/advance program	\$24000.00
Mics.	\$0.00
Printing/final program	\$13000.00
Mailing lists/labels	\$6400.00
Postage and mailing	\$14000.00
Other (Ads)	\$8000.00
Attendee packet	\$12000.00
TOTAL	\$79100.00
CONFERENCE PUBLICATION	
Conference record printing	\$70000.00
Author kit printing	\$3000.00
Shipping	\$0.00
Other	\$8000.00
TOTAL	\$81000.00
EXHIBITS	\$12000.00

SOCIAL FUNCTIONS (see attachment 1)	\$170000.00
ADMINISTRATION	
Insurance and bonding	\$500.00
	\$500.00
Security and guards	\$4000.00
Projection equip	\$8000.00
Management and secretarial	\$16000.00
Office equipment	\$1500.00
Printing forms, etc.	\$5000.00
Posters, signs, etc.	\$3000.00
Telephone, etc.	\$3000.00
Seed money to 90 conf	\$40000.00
Auditing	\$5000.00
Clerical and Finance	\$3000.00
Local arrangements	\$2000.00
TOTAL	\$91000.00
Committee Expenses (See attachment 2)	\$21550.00
TOTAL EXPENSES	\$454650.00
TOTAL REVENUE	\$504378.00
CONFERENCE PROFIT	\$49728.00

Dec 15, 1988
 ATTACHMENT 1
 SOCIAL FUNCTIONS (for 2000)

Reception	\$40000.00
Dinner	\$90000.00
Coffee breaks	\$40000.00
TOTAL	\$170000.00

Dec 15, 1988
 TUTORIALS

INCOME			
Registration	1500	120	\$180000.00

ATTACHMENT 2
 COMMITTEE EXPENSES

Amari travel	\$3600.00
Eckmiller travel	\$2800.00
Stubberud	\$3600.00
Snyder	<u>\$4600.00</u>
Hecht-Nielsen	\$1500.00
Glaser	\$1150.00
Hopfield	\$1150.00
Sejnowski	\$1150.00
DeClaris	<u>\$1800.00</u>
Werbos	\$200.00
TOTAL	\$21550.00

EXPENSES			
Speaker fees	13	6000	\$78000.00
Fees for large classes			\$20000.00
Video taping(to EAB)			\$4000.00
Audio-visual			\$2500.00
Other (signs,etc)			\$6000.00
Printing			\$10000.00
Tutorial committee			\$2000.00
Refreshments			\$10000.00
TOTAL			\$132500.00

TUTORIALS PROFIT			\$47500.00
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IEEE IJCNN-89

CONFERENCE PLAN

VERSION B
15 November 1988

CONTENTS

1. Overview
 2. Technical Program
 3. Charter
 4. Budget
-

1. Overview

IJCNN-89 will be the world's premier conference on neurocomputing in 1989. *Neurocomputing* is the second fundamental information processing paradigm. It is a new alternative to the *programmed computing* paradigm that has dominated all automated information processing since the invention of the electronic digital computer in the 1940's. Neurocomputing is based upon highly parallel distributed computing structures called *neural networks* which become capable of carrying out useful information processing transformations by means of self-adjustment in response to *training* data.

Neurocomputing is based upon *transformations*; whereas programmed computing is based upon *algorithms*. This makes neurocomputing technically quite different from ordinary programmed computing. For example, two of the primary focuses of programmed computing are algorithms and software. In neurocomputing the corresponding areas are neural network architectures and neurosoftware. However, for all their differences, neurocomputing and programmed computing share a great many common technological elements. For example, neurocomputer hardware and embedded software are very similar to those found in programmed computers. *Neurocomputers* (processors that are especially suited for implementing neural networks) attach to standard host computers as coprocessors (using standard digital interfaces) and neural networks are called from host computer software as if they were subroutines or procedures. Thus, while neurocomputing has some new elements, it fits neatly into the existing computer industry infrastructure.

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At the present time neurocomputing is a comparatively weak technology. The known neural network architectures (approximately 50 types are known, of which about 14 are in common use) have only limited information processing capabilities and each has significant known limitations. Because of this, only a few practical information processing problems can be successfully addressed at the present time. Problems in certain areas of sensor processing, data analysis, control, and knowledge processing seem to be the most amenable to solution with current neurocomputing capabilities. Fortunately, some of the problems in this limited set are of interest to large numbers of engineers and have significant economic importance.

Notwithstanding its current limitations, interest in neurocomputing has grown explosively over the last two years. Unlike Artificial Intelligence, which has still not found a large end-use market, neurocomputing looks as if it will have a number of near term end-use applications. A recent survey by *Intelligence* newsletter found 157 companies in the United States seriously pursuing major neurocomputing-based products and applications. Many more are exploring the use of neurocomputing as a tool for solving some of their information processing problems. This activity does not stop at the U.S. border. Several companies in Japan and Europe are also exploring applications of neurocomputing, as are the military services of both the U.S. and the U.S.S.R. At least 20 companies dedicated to supplying neurocomputers and related products and services have been founded within the last 18 months. The first IEEE International Conference on Neural Networks (IEEE ICNN-87), which was held in San Diego in June of 1987, had a total attendance in excess of 1,600; which made it larger than IEEE ICASSP and several other important IEEE conferences. The second IEEE International Conference on Neural Networks (held in San Diego in July of 1988) also attracted upwards of 1,600 participants, despite a large competing conference held by the International Neural Network Society six weeks later in Boston, Mass., which had about 1,200 participants (and 500 students). As 1989 begins, activity in neurocomputing continues to grow.

IJCNN-89 is the third installment in a conference series devoted to the technology of neurocomputing in its academic, industrial, commercial, consumer, military, and biomedical engineering aspects. The series is sponsored by the IEEE Technical Activities Board Neural Network Committee (NNC), and the International Neural Network Society. IEEE Technical Societies participate in the meeting via membership in the NNC. The following Societies are affiliated with NNC:

- Acoustics, Speech, and Signal Processing Society
- Circuits and Systems Society
- Communications Society
- Control Systems Society
- Engineering in Medicine and Biology Society
- Industrial Electronics Society
- Information Theory Society
- Lasers and Electro-Optics Society
- Robotics and Automation Society
- Systems, Man, and Cybernetics Society

Non-IEEE Technical Societies participate in the meeting via association with the NNC. Local IEEE Sections participate in the meeting as both local hosts of the meeting and as cosponsors.

IJCNN-89 will be held in Washington, D. C. on Monday, 19 June through Thursday,

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22 June 1989. Tutorials will be held on Sunday, 18 June, 1989. IJCNN-89 expected to attract over 2,000 attendees, which will make it one of IEEE's largest conferences. The emphasis in this year's conference will be to fix the minor problems identified with IEEE ICNN-88, to run a highly successful IJCNN-89 (both technically and financially), and to firmly establish the NNC as a long-term, stable, technical coalition of IEEE Sections and Societies that can successfully organize and run future conferences in the series in a consistent manner.

2. Conference Organization

IJCNN-89 is being organized by the following committees:

1. IJCNN-89 Steering Committee:

- Allen R. Stubberud (Co-chair)
- Wesley E. Snyder (Co-chair)
- Robert Hecht-Nielsen (Program Chair)
- Nomi Feldman (Conference Coordinator)

2. IJCNN-89 Conference Committee

- Conference Chair (honorary position) Shun-Ichi Amari, University of Tokyo, JAPAN
- International Chair (honorary position) Rolf Eckmiller, University of Dusseldorf, WEST GERMANY
- Allen Stubberud, Co-Chair
- Wesley Snyder, Co-Chair
- Nicholas DeClaris, Finance
- TBD Hospitality
- Robert Hecht-Nielsen, Program
- Herb Rauch, Publicity
- Yuishe Okabe, International publicity
- TBD Local Arrangements
- Bill Porto, Exhibits
- Paul Werbos, Tutorials
- Russ Eberhart, Posters
- Carol Bonomo, Publications

3. IJCNN-89 Program Committee

- Robert Hecht-Nielsen, Chair

- Shunichi Amari, Tokyo University
- Rold Eckmiller, University of Dusseldorf
- Allen Stubberud, University of California, Irvine

4. Publications Committee

- Carol Bonomo, Chair
- Robert Newcomb

5. Publicity Committee

- Herb Rauch, Chair
- Yuishe Okabe
- Robert Marks
- Kristina Johnson

6. Finance Committee

- Nicholas DeClaris, Chair
- Mike Aronstein

7. Exhibits Committee

- Bill Porto, Chair
- TBD

8. Hospitality Committee

- TBD

9. Local Arrangements Committee

- TBD, Chair

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3. Technical Program (TENTATIVE)

NOTE: This Program is currently IEEE PROPRIETARY. Details can be released only with explicit permission of IEEE ICNN-89 Organizing Committee Chair Allen Stubberud and Technical Program Chair Robert Hecht-Nielsen. There must be no leakage of information while the current negotiations are still underway. The next version of this document shall contain a Technical Program that is approved for unlimited distribution.

NOTE: Functions/names marked with X mean that the named person has committed to participate in the indicated manner. All other names are tentative and may be changed if the initially selected person cannot participate.

The Conference Technical Program consists of Tutorials, Technical Sessions, Plenary Sessions, and a Reception. These are now described:

Tutorials (to be given at the Sheraton Washington on Sunday 18 June, 1989)

- Notes:
- Each tutorial offering shall last two hours.
 - Each tutorial offering shall be limited to a maximum of 100 participants.
 - Tutorials will be offered once, twice, or three times, depending on demand.

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- Four two-hour tutorial time slots will be used to allow participants to arrange as many combinations as possible.

- | | |
|----------------------|--|
| 1. David Casasent | Pattern Recognition Review - X |
| 2. Leon Cooper | Adaptive Pattern Recognition -PENDING |
| 3. John Daugman | Vision - X |
| 4. Walter Freeman | Neurobiology Review - X |
| 5. Stephen Grossberg | Adaptive Sensory Processing - X |
| 6. Morris Hirsch | Dynamical Systems Review - X |
| 7. John Hopfield | Neural Networks and Molecular Computing- PENDING |
| 8. Lawrence Jackel | VLSI Technology and Neural Network Chips - PENDING |
| 9. Teuvo Kohonen | Self-Organizing Feature Maps - X |
| 10. Bart Kosko | Associative Memory - X |
| 11. Demetri Psaltis | Optical Neurocomputers- X |
| 12. Peter Wallace | Starting a High-Tech Company - PENDING |
| 13. Bernard Widrow | LMS Techniques in Neural Networks - X |
| 14. Ron Williams | Reinforcement Learning - X |

Technical Sessions (to be held Monday 19 June through Thursday 22 June, 1989)

(NOTE: Each Session lasts 4 hours; Session Chairs' names are listed)

MONDAY

Monday, June 19, 1989

Morning Session:

- | | |
|----------------------|--|
| • Associative Memory | James Anderson - X
Bart Kosko - X |
| • Image Analysis | David Casasent - X
John Daugman - X |

Afternoon Session:

- | | |
|--|--|
| • Neural Network Architectures
& Theory I | Shun-Ichi Amari - X
Michael Arbib - PENDING |
| • Applications I | Lee Giles - PENDING |

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- Optimization
Stuart Geman - PENDING
Scott Kirkpatrick - PENDING
- Self-Organization
Teuvo Kohonen - X
David Willshaw - PENDING

Plenary Sessions and Reception (the evenings of Sunday 18 June, Monday 19 June,
Tuesday 20 June, and Wednesday 21 June 1989)

SUNDAY

Wine and Cheese Reception - (6pm - 8pm)
(with Automata-Synthesized Music by Teuvo Kohonen)

Industry Panel - (8pm - 10pm), TBD Moderator

MONDAY

Plenary Session I (8pm - 10pm)

Shun-Ichi Amari
James Burke, Keynote

TUESDAY

Plenary Session II (8pm - 10pm)

Terrence Sejnowski
Patricia Churchland

WEDNESDAY

Poolside Party (6pm - 8pm)

Government Funding Panel - Paul Werbos, Moderator
(8pm --->)

4. Conference Charter

IEEE ICNN-89 shall be governed by the provisions of the following Charter

I. General

- The official name of the 1989 Conference shall be: IJCNN-89

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- The Conference shall be held at the Sheraton Washington in Washington, D. C., from Sunday 18 June 1989 through Thursday 22 June 1989 in accordance with the official technical program (Section 3 of this Conference Plan document), which is hereby incorporated as part of this Charter.

- The IJCNN-89 is sponsored by the IEEE TAB Neural Network Committee (NNC), the International Neural Network Society, and other IEEE Sections (these bodies are hereafter referred to as the *sponsoring entities*).

- The Section in which the Conference is held shall be offered the opportunity to cosponsor the ICNN. Should the Section decline to accept the offer, its percentage financial participation in the Conference shall revert to the other sponsoring Sections.

- The Conference Steering Committee shall appoint the General Chair of ICNN-90 and beyond. The General Chair shall nominate the Conference Committee, the Program Chair(s), and the other Conference Operating Committee Chairs. Appointment of all Conference Committee, Program Committee, and Conference Operating Committee Chairs and members is subject to majority vote approval by the Steering Committee. The Steering Committee shall serve the function of an Advisory Board reviewing and offering guidance on the operational aspects and technical content of the Conference.

- The staging of the IJCNN-89 shall be managed by Nomi Feldman of Meeting Management, Inc., San Diego (who managed IEEE ICNN-87 and ICNN-88).

- The official technical program of the conference shall be printed and distributed to registrants at the conference registration desk. The program shall list all of the scheduled tutorials, technical presentations, and plenary talks and shall give the name and affiliation of the speakers.

- The Conference record containing the technical papers corresponding to the talks scheduled for presentation at the conference (along with other papers accepted for publication in the record by the joint actions of the Technical Program Committee and the Conference Committee) shall be distributed to registrants at the conference registration desk. This conference record shall not carry any individual's name(s), but shall be listed strictly as the conference record. All papers presented at the Conference and in its record must be reviewed to assure high technical standards.

II. Registration and Logistics

- Conference registration will be \$190 before 1 March 1989, \$240 between 1 March 1989 and 31 May 1989, and \$280 between 1 June and 18 June 1989. One-day registration will be available at the door for \$110. Exhibit hall and poster session entrance shall be free to conference registrants; others will be admitted by exhibitor ticket or \$10 cash. Full time students showing school picture ID cards verifying their full-time student status (or presenting a school picture ID card and a letter from their school to verify their full-time student status) will be admitted for \$90 (for any duration). Student registration shall include the proceedings. IEEE Members shall receive a 20% discount on all prices except

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one-day registration, exhibit hall registration, student registration, and tutorials.

- Each paid registrant at the conference shall have their name, mailing address, telephone number(s), and electronic mail address(es) accurately recorded in the official conference attendance list. This list shall be owned, copyrighted, and controlled by the Steering Committee. This list must be controlled in accordance with IEEE rules and procedures, as directed by the Steering Committee.

- Each paid registrant shall have an official pin-on or clip-on Conference Badge prepared for them at the registration counter. This badge shall have a border that is color coded to indicate: the day of registration for one-day registration, full paid registrant status, or student registration status. The badge shall present the registrant's name, organizational affiliation, and city/state/country in large black letters on a white background.

III. Technical and Plenary Sessions

- 16 technical sessions are planned for the Conference between Monday 17 June and Thursday 22 June. The official technical session schedule presented in Section 2 of this document is hereby adopted.

- Each of the 16 technical sessions of the conference shall be 4 hours long. A maximum of 10 papers and a minimum of 6 papers shall be presented in any one session. No individual talk in any session shall be shorter than 20 minutes. Each talk shall have a separate question and answer period of not less than 5 minutes appended to it.

- No individual will be able to present more than one talk in the technical sessions of the conference. Of all of the talks given in the technical sessions and all of the poster session papers, no individual will be listed as author or co-author of more than two. Likewise, of all of the papers presented in the conference record, no individual will be listed as author or co-author of more than two such papers.

- The Conference Chair(s), International Conference Chair(s), Plenary Session Speakers, shall have their round-trip transportation to the conference, lodging at the conference hotel, and per diem (\$30 per day) paid for by the conference.

- The plenary session speakers shall be explicitly warned that they must refrain from making any insulting comments, discordant or derogatory remarks or innuendos about other members of the neurocomputing community during their talks.

IV. Tutorials

- 14 tutorials shall be presented at the Conference on Sunday 18 June 1989. The schedule for tutorials in the official Conference Technical Program is hereby adopted.

- Each tutorial offering seat shall cost \$100. Three seats shall be sold as a block for \$275.

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- Each tutorial presenter shall be paid \$3,500 plus \$50 per person attending their tutorial offerings after the first 25, up to a maximum total of \$6,000. A minimum of 25 people must register for a tutorial for it to be held.

- The IJCNN-89 Technical Program Committee Chair shall not be allowed to receive any personal compensation for giving tutorials. However, should he wish, he may donate the compensation that he would have otherwise received to any non-profit organizations of his choosing.

V. Exhibits

General:

The theme of this year's conference and its exhibits is the same as that of ICNN-88. It is devoted to the technology of neural computing in all its scientific, engineering, academic, commercial, private enterprise and government aspects. The conference will feature presentations and tutorials by the field's leading academic and industrial experts, and will report the latest advances and neurocomputing technology.

Exhibit Classes:

Exhibit space will be offered in three classes: commercial (CO), academic-publisher (AP), science fair (SF). Booths for CO, AP and SF exhibits will be allocated from exhibit areas designated for these classes.

Definitions:

1. *Commercial* exhibitors are those exhibitors who are engaged in the development or production of neural network related products with the sale of these products and profit as their chief aim.
2. *Academic* exhibitors are those from colleges and universities whose aim it is to demonstrate current research efforts related to neural networks.
3. The *publisher* exhibit category includes publishers of neural network related books, magazines and newsletters who through such media help disseminate the interest in neural network technology and related knowledge.
4. The *science fair* category includes exhibits by students and others interested in advancing neural network technology and who do not qualify to exhibit as commercial exhibitors.

Prices and Discounts:

Prices and discounts for exhibit booths are as designated below. Discounts are provided to encourage early registration of exhibitors.

Terms: The schedule of booths fees in U. S. dollars is:

<u>Regular</u>	<u>Discount</u>	<u>Deposit</u>
----------------	-----------------	----------------

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Commercial (full booth)	950	800	200
Academic-Publisher (full booth)	550	400	100
Science fair (half booth)	200	150	50

The discounted fee is available on or before 1 April 1989. A deposit is required to hold each booth ordered before 1 May 1989. Full payment is required for each booth ordered by 1 June 1989.

Sales:

TBD

Special Invitation:

A special invitation will be offered to all who exhibited at the 1988 International Conference on Neural Networks. The conference will offer last year's exhibitors an exclusive opportunity to purchase exhibit space at the IEEE ICNN-89 before opening sales of space to other exhibitors. However, exhibitors must register before 1 March, 1989 to take advantage of this offer.

Reservations and Full Payment:

TBD

Exhibitor's Obligation:

All of the exhibitor's outstanding obligations to IEEE ICNN-89 must be paid before the exhibitor or any of his representatives will be allowed to exhibit. Request for booth cancellations will be considered in accordance with the contractual rules and regulations.

Cancellations:

TBD

Space Assignments:

TBD

Entry to Exhibit Area:

An exhibitor may request up to five (5) complimentary passes for exhibit staff personnel for each booth ordered. In addition, up to five (5) complimentary guest passes may be requested for each booth ordered. A fee of \$10.00 will be paid by non-registrants of the conference for entry into the exhibit area.

Exhibit Hours:

TBD

Set-up of exhibits will take place on

TBD

IEEE PROPRIETARY - DO NOT DISTRIBUTE

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Dismantling of exhibits will take place on

TBD

Poster Sessions:

An estimated 100 poster sessions will be held during the four day conference. The actual number of sessions, their selection, and scheduling will be determined by the conference program chairman.

The Lounge:

TBD

Publicity and Exhibitor Solicitation:

TBD

Conference Records:

TBD

Contractors:

A conference service contractor will be selected to handle shipping and storage of exhibits, drayage, set-up and dismantling of exhibits; supply carpeting, furniture and miscellaneous supplies to the conference; rent furniture displays and miscellaneous items to exhibitors; provide electrical equipment and services, and generally support the conference and exhibitors. Upon request, an exhibitor may obtain an exhibitor's supplies and services kit from the conference service contractor. This kit will contain information on the costs of services and supplies available from the contractor.

Exhibit security will be provided using hotel guards and guards supplied by the conference security contractor. It is anticipated that three contractor guards will be required to provide exhibit hall security during daytime operating hours. One guard will be required overnight.

Additional contracting shall be arranged as necessary.

Exhibits Program:

An Exhibits Program will be published which will provide a description of all exhibits and announce all exhibitors at the conference. Descriptions will be approximately 50-75 words long. Copies of this program will be provided to the exhibitors in an "Exhibitor's Registration Package" to be distributed on registration on the day of the conference.

Exhibitor Registration:

An exhibitor registration desk will be open on the days of the conference. The exhibitor and staff may check in, register and pick up registration materials at this time. Exhibitor materials include copies of the Exhibits Program, special instructions, and staff and guest passes. An exhibitor may also preregister to the conference if so desired.

IEEE PROPRIETARY - DO NOT DISTRIBUTE

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Contingency Planning:

In the event that there is an overwhelming demand for booth space at the conference, and the conference is able to sell booths in excess of the 60 planned, the areas allocated for the lounge and poster session area shall be used for additional exhibit booths. The lounge and poster session areas shall be reduced in size to accommodate additional booths. Arrangements shall be made to accommodate serving refreshments and providing space for the poster sessions elsewhere at the conference.

Fire and Safety:

The exhibit area will be designed in accordance with local city fire codes and a permit will be obtained.

Additional Planning Information:

The conference's exhibit contract, rules and regulations package to be sent out to all prospective exhibitors contains additional procedural details that will form part of this plan.

IV. Volunteers.

In order to promote and facilitate local community involvement in the conference the Organizing Committee will solicit volunteer services from university students and other interested community members.

Volunteer services will include clerical and general help before and during the conference. The commitment of each volunteer will encompass:

- attending the volunteer meetings,
- pre-conference clerical work assignments, and
- one five-hour shift per day beginning Sunday, 18 June 1989, concluding on Thursday, 22 June 1989. Each conference day will be divided into three five-hour shifts: morning, afternoon, and evening. Shift assignments and scheduling will be made by the Hospitality Chair.

In exchange for satisfactory completion of these services, the IEEE ICNN volunteers will receive:

- complimentary registration to the IEEE International Conference on Neural Networks, and
- complimentary copy of the IJCNN-89 proceedings.

The Organizing Committee Chair will appoint a member of the Organizing Committee to assume responsibility for the volunteer effort. It will be that person's responsibility to ensure that all volunteers successfully complete their assignments in return for their complimentary registration and proceedings.

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UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990, 543-6061 or 543-2150
FAX: (206) 543-3842; marks@blake.acs.washington.edu*

May 15, 1989

Carol Bonomo
FAX (619) 452-6524

Here is a list of the members of the Neural Network Committee. If you list the member IEEE Societies in the Proceedings (as was done last time), please make sure each is on the list.

Thanks,



Robert J. Marks II
NNC Chairman pro tem

RJM:ew
Att.

May 1, 1989

IEEE Neural Networks Committee Members And Member Society Presidents

Robert J. Marks II, Chairman pro tem
Evangelia Tzanakou, Secretary pro tem
Wesley E. Snyder, Treasurer

Acoustics, Speech and Signal Processing

Richard P. Lippmann
MIT Lincoln Laboratory
P.O. Box 73
Lexington, MA 02173
(617) 981-2711

B. H. Juang
AT&T Bell Laboratories 2d 534
600 Mountain Avenue
Murray Hill, NJ 07974
(201) 582-2002

D. M. Etter, President
EECE Department
University of New Mexico
Albuquerque, NM 87131
(505) 277-6564

Circuits and Systems

Robert J. Marks II
Interactive Systems Design Laboratory
University of Washington
Seattle, WA 98195
(206) 543-6990
marks@blake.acs.washington.edu
FAX:(206)543-3842

Anthony N. Michel
Dean, College of Engineering
Dept. of Electrical Engineering
University of Notre Dame
Notre Dame, IN 46556
(219) 239-5534

A. N. Michel, President
Dean, College of Engineering
Dept. of Electrical Engineering
University of Note Dame
Notre Dame, IN 46556
(219) 239-5534

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990 (office), 543-6061 (secretary),
543-2150 (main office), 776-8995 (home), 543-3842 (FAX).
marks@blake.acs.washington.edu

5-8-89

Members of the *IEEE Neural Network Committee* (NNC):

Three items:

1. The IEEE NNC will meet at the IJCNN on Sunday, June 18th, in the Truman room of the Sheraton at 8:00 P.M. There will be a dinner for NNC and Oversight Committee members (including those from INNS) at 7:00 in the same room. The Oversight Committee meeting will be prior to the dinner and is tentatively scheduled to start at 6:00.
2. Attached is a constitution for the NNC under which we will operate at the IJCNN in June. At our meeting, I will ask for a vote for ratification for future use. We will also consider at that meeting a constitution draft for an *IEEE Neural Network Council*. This, and other agenda items, will be mailed to you shortly.
3. If there are any items you wish placed on the agenda for the NNC meeting, please let Evangelia Tzanakou, the NNC's Secretary pro tem, or me know by May 23rd.

I look forward to seeing you in the other Washington.

Sincerely,



Robert J. Marks II
NNC Chairman pro tem

Att.
cc: Member Society Presidents
A. Ephremides

CONSTITUTION OF THE IEEE
NEURAL NETWORKS COMMITTEE

ARTICLE I - Name and Objectives

Section 1. The name of this organization shall be IEEE Neural Networks Committee (hereinafter NNC) and it shall be governed in accordance with the Constitution and Bylaws of the Institute of Electrical and Electronics Engineers and the Charter of the NNC.

Section 2. The objectives of the NNC shall be scientific, educational and professional in character. The NNC shall strive for the advancement of the theory and practice of Neural Network engineering and science and of the allied arts and sciences, all in consonance with the Constitution and Bylaws of the IEEE.

Section 3. The NNC shall aid in promoting close cooperation and exchange of technical information among its members and others interested in Neural Networks and to this end shall hold meetings for the presentation of papers and their discussion, provide for technical publications, and through its committees shall study and provide for the needs of its members.

ARTICLE II - Membership

Section 1. The members of the NNC shall consist of individual voting members and sponsoring Society members.

Section 2. The Society members shall be IEEE Societies or other appropriate IEEE entities. The Society members shall consist of those IEEE Societies which were members as of January 1, 1989 (which will be called Society founding members) plus those Societies which have applied for membership subsequently and been approved by a two-thirds vote of the individual voting members. A Society may withdraw from the NNC by means of a written request to the Chair of the NNC. Society membership is by calendar year, and the request for withdrawal must reach the Chair by June 1 in order for the Society to withdraw on December 31.

Section 3. The individual voting members shall be people appointed by the Society members, with each Society member having the right to appoint two individual voting members. An individual voting member shall remain on the NNC until a replacement is appointed by the responsible Society.

ARTICLE III - Management and Officers

Section 1. The officers of the NNC shall be Chair, Secretary and Treasurer. The officers shall serve for two calendar years, except for the officers elected in 1989, who shall serve until January 1, 1991. The NNC shall biennially elect officers to serve for two year terms of office beginning January 1 of the following year. The Officers shall be individual voting members of the NNC at the time of their election (and during their two year term of office). No person can hold a particular office for more than two consecutive years.

Section 2. The Chair under the direction of the NNC shall have general supervision of the affairs of the NNC. The Chair shall preside at the meetings of the NNC and have other powers and duties as necessary to perform the work of the NNC, including appointing appropriate sub-committees.

Section 3. The Treasurer shall have overall responsibility for the finances of the NNC.

Section 4. The Secretary shall function as the secretary and handle administrative aspects of the NNC. The Secretary shall serve as Chairman pro tem in the absence of the Chairman.

Section 5. If for some reason an elected officer of the NNC is unable to complete the two year term, then the Chair is authorized to appoint a replacement for the remainder of the officer's term. If the Chair is unable to complete the two year term, then the Secretary will automatically become the Chair and can appoint a replacement secretary for the remainder of the two year term.

ARTICLE IV - Amendments

Section 1. Amendments to this Constitution may be implemented by a two-thirds vote of the total membership of the NNC. The proposed amendments shall be submitted in writing to the individual members of the NNC for their vote.

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*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990, 543-6061 or 543-2150
FAX: (206) 543-3842; marks@blake.acs.washington.edu*

May 4, 1989

Daniel L. Alspach, Ph.D.
President
Oceanic Engineering Society
ORINCON Corporation
9363 Towne Centre Drive
San Diego, CA 92121

Dear Daniel:

The IEEE Neural Networks Committee (NNC) will meet at 8:00 p.m. in the Truman Room of the Washington, D.C. Sheraton on June 18th.

In order for your Society to be considered as a candidate for membership at this time, the attached Charter must be signed and submitted. Also, please note additional membership requirements in the Charter.

Please contact me if I can be of any further assistance.

Sincerely,



Robert J. Marks II
NNC Chairman pro tem

RJM:ew
Att.

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FAX: (206) 543-3842; marks@blake.acs.washington.edu*

May 4, 1989

Dr. Paul A. Willis
President
Engineering Management Society
Jet Propulsion Laboratory, MS 238-528
4800 Oak Grove Drive
Pasadena, CA 91109

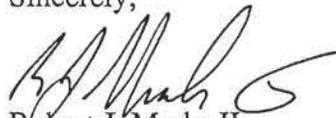
Dear Paul:

The IEEE Neural Networks Committee (NNC) will meet at 8:00 p.m. in the Truman Room of the Washington, D.C. Sheraton on June 18th.

In order for your Society to be considered as a candidate for membership at this time, the attached Charter must be signed and submitted. Also, please note additional membership requirements in the Charter.

Please contact me if I can be of any further assistance.

Sincerely,



Robert J. Marks II
NNC Chairman pro tem

RJM:ew
Att.

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SEATTLE, WASHINGTON

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FAX: (206) 543-3842; marks@blake.acs.washington.edu*

March 22, 1989

TO: IEEE Neural Network Committee (NNC) Member Society Presidents

As you know, on February 15, 1989, the *IEEE Publications Committee* approved a proposal from the *IEEE Neural Networks Committee (NNC)* for the formation of an *IEEE Transactions on Neural Networks* which is planned to start as a quarterly in the first quarter of 1990.

On January 12 of this year, you were sent a copy of this proposal. It provided for establishment of an Editorial Board consisting of one NNC member from each of the member Societies. Appointments are to be made by the member Societies.

In anticipation of the approval of our proposal, would you please identify which of the two NNC representatives of your Society you would like to serve on the Editorial Board. If I am not contacted with a recommendation or extension request by the end of April, I will assume the delegation authority.

I would be delighted to talk with you regarding my views concerning Board membership. Please contact me at my office phone number listed on the letterhead.

Sincerely,



Robert J. Marks II
NNC Chairman pro tem

RJM:ew

05/15/09 14:30 2000 543 5047

10/002

a proposal from the IEEE
As you know, on February 15, 1989, the IEEE Publications Committee approved the formation of an IEEE Transactions on Neural Networks which is planned to start as a quarterly in the first quarter of 1990.

Neural Networks Committee LNN for the West approved by the

Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990, 543-6061 or 543-2150
FAX (206) 543-3842; marks@blake.acs.washington.edu

208 15 102

Dr. Peter P. Proctor, President
IEEE Society on XXXXX
Their Address

Pat

Dear Dr. Proctor,

From the NNC mailing list you should be able to put together these letters to the NNC member Society presidents! Thanks! -Bob-

On January 12th of this year, you were sent a ~~Networks Committee~~ for establishment of an ~~Networks Committee~~. This proposal provides for establishment of a member from each of the member Societies. Currently, the NNC members are

Prof. Kevin Blevin
University of Ard Knox
Trevor, Ontario
(216) 663-5610

and

Dr. Rupus Pupkin
Apple Mouses
Walt Disney World
Orlando, Florida
(234) 234-2344

In anticipation of the approval of our proposal, would you please identify which of these members you would like to represent your Society on the Editorial Board. If I am not contacted with a recommendation or extension request by (one month from letter date), I will assume the delegation authority.

approx the end of April

I would be delighted to talk with you concerning my views concerning Board membership. Please contact me at my office phone number listed on the letter head.

Sincerely,

Robert J. Marks II
Professor

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
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FAX: (206) 543-3842; marks@blake.acs.washington.edu*

January 31, 1989

Prof. Bernard Widrow, Chair
INNS
Dept of Electrical Engineering
Stanford University
Stanford, California 94305

Dear Bernie:

In accordance with the agreement between the IEEE Neural Network Committee (NNC) and the International Neural Network Society (INNS) to jointly sponsor the International Joint Conference on Neural Networks (IJCNN), I have appointed the following NNC members as representatives of the NNC in the IJCNN Oversight Committee for both the June 1989 and January 1990 IJCNN's:

Nicholas DeClaris, Chair
8518 Beauford Drive
Fulton, MD 20759
(301)776-5571

Wesley E. Snyder
Electrical and Computer Engineering
North Carolina State University
Box 7911
Raleigh, NC 27695
(919)737-2336

Fernando Aldana
Universidad Politecnica de Madrid
Avda. Ramiro de Maeztu, s/n
Ciudad Universitaria
E-28040 Madrid
SPAIN

Edward C. Posner
Dept. of Electrical Engineering
California Institute of Technology
1201 California Street
Pasadena, CA 91125
(818)346-4852

Kristina Johnson
Dept. of EE and CS
University of Colorado
Campus Box 425
Boulder, CO 80309
(303)492-1835

Sincerely

A handwritten signature in black ink, appearing to read "Robert J. Marks, II". The signature is fluid and cursive, with a long horizontal stroke at the end.

Robert J. Marks, II
NNC Chairman pro tem
RJM:pjd

cc: NNC appointees to IJCNN Oversight Committee

Stanford University, Stanford, California 94305

JOSEPH W. GOODMAN
William E. Ayer Professor of Electrical Engineering
Chairman, Department of Electrical Engineering

McCullough 150
Stanford, California 94305-4055
(415) 723-5782

June 18, 1989

To Whom it May Concern:

This note summarizes the expenses incurred during a trip from San Francisco to San Diego and back to kick off the planning for the 1989 IEEE Neural Networks Conference. The trip took place on June 9, 1989. I departed from Los Altos at 7:15 AM and I returned at 7:30 PM. The expense claims are supported by the attached receipts.

Air Ticket, San Francisco to San Diego and return	\$ 131.00
Parking, San Francisco International	\$ 14.00
Mileage, Los Altos to San Francisco	\$ 12.00
Airport and return, 60 miles @ \$0.20	
Total Amount Due:	\$157.00



See below for Airline
 Form, Serial Number

PASSENGER TICKET AND BAGGAGE CHECK SUBJECT TO CONDITIONS CONTAINED IN THIS TICKET
 ISSUED BY: **AMERICAN EXPRESS** CONJUNCTION TICKET(S):

ENDORSEMENTS/RESTRICTIONS (CARBOM):

ARC PASSENGER COUPON
 DATE OF ISSUE: **02 JUN 89**
 BOOKING REFERENCE: **067810**
 ISSUED IN EXCHANGE FOR:

PASSENGER NAME: **FRONZ, JOSEPH M** NOT TRANSFERABLE

ORIGIN/DESTINATION: **SEA/SEA**
 AMERICAN EXPRESS
TUL PSCR CPN
05 69183-07

FROM	TO	CARRIER	FLIGHT	CLASS	DATE	TIME	STATUS	FARE BASIS/TKT. DESIGNATOR	NOT VALID BEFORE	NOT VALID AFTER	ALLOW
SEA	SEA	HA	1276	A	02 JUN 89	200P	OK	H			

FARE CALCULATION: **SEA US SAN 45.37 HA 91.05.25 121.30 END**

TAX: **9.70**

FORM OF PAYMENT: **08378241901951007409789**

CPN: AIRLINE CODE FORM SERIAL NUMBER CK
037 7120108529 2

ORIGINAL ISSUE: **42E2** TOUR CODE: **10**

CONTROL NO: **00009763761**

0372
 08025311 INV0235047

DO NOT MARK OR WRITE IN THE WHITE AREA ABOVE



**SAN FRANCISCO
 INT'L AIRPORT
 PARKING RECEIPT**
 Entrance 07:52 06/09/89 Lane 24
 Exit 08:09 06/10/89 Lane 16
 CASHIER 040 SEQ# 3650
 AMOUNT PAID \$014.00
 *** thank you ***

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990 (office), 543-6061 (secretary),
543-2150 (main office), 776-8995 (home), 543-3842 (FAX).
marks@blake.acs.washington.edu*

7-3-89

Dr. Nicholas DeClariss
8518 Beauford Drive
Fulton, MD 20759
FAX # (301) 328-8013

Dear Nick:

As you can see from the attached correspondence, Al Stubberud and Wes Snyder have dissociated themselves from the '89 IJCNN. If this dissociation is accepted, the *IEEE Neural Networks Committee* (NNC) is placed in a position of direct responsibility for the financial status of the conference. The NNC is also committed to the timely reporting of such matters to the INNS.

As we discussed on the phone, the best short term approach to disseminate the current status of the books is by an internal review by concerned parties. The review should include, at minimum, you, the NNC Treasurer (or suitable proxy) and a representative appointed by INNS.

I also appreciate your willingness to discuss IEEE auditing procedures with Troy Nagle. His address and phone are:

H. Troy Nagle, MD, PhD
Elec. and Computer Engineering
North Carolina State University
Box 7911
Raleigh, NC 27695
(919) 737-3578
htn@ece-csc.ncsu.edu
FAX:(919)737-7382

I am assuming from our conversation that you will initiate the contact.

Please let me know if I can be of assistance to you in any of these matters.

Sincerely,

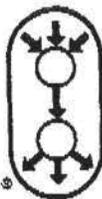


Robert J. Marks II
NNC Chairman

cc: NNC Officers

THERE ARE 2 PAGES IN THIS FAX TRANSMISSION

*Forward to DeClariss & Eberhardt 7/3/89
Mailed to DeClariss & Snyder 7/3/89*



IJCNN 89
INTERNATIONAL
JOINT CONFERENCE
ON NEURAL NETWORKS
3770 Tansy Street
San Diego, CA 92121
TEL. (619) 453-6222 FAX: (619) 453-7930

Sponsored by the IEEE Neural Network Committee
and the International Neural Network Society

June 22, 1989

Dr. Robert Marks, Chairman
IEEE Neural Networks Committee
Washington Sheraton Hotel
Washington, D. C.

Dear Dr. Marks,

We are writing to inform you of the status of the 1989 IJCNN. We have been informed that the official organizational structure is partitioned into the financial and non-financial elements. The non-financial elements consist of the generation of a budget and the logistical functioning of the conference. Since these non-financial elements were completed as of June 22, 1989, and since we have no responsibility whatsoever for the financial aspects (in particular, the closing of the books and the final audit), we have discharged our obligation to the conference.

We thank you for the opportunity to have been of service to the neural network community.

Very truly yours,

Al Stubberud

Wes Snyder

cc: Russ Eberhart
Troy Nagle

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON

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Telephone: (206) 543-6990, 543-6061 or 543-2150
FAX: (206) 543-3842; marks@blake.acs.washington.edu*

July 3, 1989

Laura Jobmann
IEEE Conference Services
445 Hoes Lane
P.O. Box 1331
Piscataway, NJ 08855-1331

Dear Laura:

Enclosed is the latest offering for the summer IJCNN '90 conference. Please let me know if your objections to the last draft have been met.

Sincerely,



Robert J. Marks II
NNC Chair pro tem

RJM:ew
Enc.

3770 tansy
san diego
california
92121

consultants
and coordinators

conventions
meetings

(619)
453-6222

conferences
symposia

m e e t i n g m a n a g e m e n t

June 30, 1989

Prof. Robert Marks
Interactive Systems Design Lab.
Dept. of Electrical Eng./FT-10
University of Washington
Seattle WA 98195

Dear Bob:

Enclosed are the two contracts for IEEE/IJCNN-90 with the changes, as we discussed last week.

Please call me if you have any questions, otherwise I will expect to receive from you the signed contracts.

Cordially,



Nomi Feldman
Conference Coordinator

NF:jw

Enclosures: 2

3770 tansy
san diego
california
92121

consultants
and coordinators

conventions
meetings

(619)
453-6222

conferences
symposia

m e e t i n g m a n a g e m e n t

June 1, 1989

INTERNATIONAL JOINT CONFERENCE ON NEURAL NETWORKS

San Diego Marriott Hotel
June 17-21, 1990

The following services will be provided by Meeting Management for the International Joint Conference on Neural Networks to be held June 17-21, 1990, at the San Diego Marriott Hotel, San Diego, California.

A. Site Selection

Examine and select appropriate site for the Conference.

B. Advance Planning

1. Work with Program Chairs to develop timetable of dates and deadlines.
2. Work with the Program Committees to develop the meeting program format, its timing for publication and promotion, and coordinate the groups involved with the facilities available.

C. Conference Headquarters

1. Serve as secretariat address and office for the conference, before, during and after the meeting throughout the year.
2. Act as clearing center for all correspondence, telephone inquiries, registration, income/expenses, receipts, forms, etc.

D. Travel Arrangements

Negotiate with airlines for best price and service to the destination city. Arrange for complimentary flights for the speakers, if available.

E. Program Coordination

1. Coordinate with committees on design of special room arrangements for each session.
2. Contact speakers and session chairs to determine their specific audio-visual requirements and to communicate specific program instructions.
3. Arrange for audio-visual equipment and projectionists for all scientific sessions in accordance with each speaker's requirements.

F. Design and Printing

1. Receive program copy from Program Chairs. Assist in preparation of general copy and supervise printing for preliminary mailings.
2. Arrange for typesetting, graphic design, layout and printing of announcements.
3. Prepare and print advance registration cards and hotel reservation forms to be included in mailings.
4. Assist in the preparation of general copy and supervise printing of the Final Meeting Program.
5. Design, prepare copy and print final program, exhibit program, badges, tickets for the tutorials and social functions, signs, special information material, and conference packets, subject to approval of committee.

F. Design and Printing (continued)

6. Arrange and supervise printing of abstracts and proceedings. Camera-ready abstracts will be provided by Chair. Typesetting of cover, table of contents and pagination will be arranged by Meeting Management.

G. Mailings

Handle all arrangements for mailings. Negotiate with mailing house for best price and service. Supervise completion of mailings.

H. Mailing Lists

Select best sources of mailing lists with guidance of Chair.

I. Journals

Place announcements and advertisements in relevant journals. Send announcements to secretaries of societies. List of Journals to be provided by Chair.

J. Technical and Scientific Exhibits

1. Assist Exhibit Chair with solicitation of exhibitors.
2. Handle all arrangements for exhibitors, including designation of space, formation of booths, decorations, drayage, et al.

K. Proceedings

1. Receive abstracts/papers and forward to Program Chair for review. Process and log papers.
2. Send abstracts/papers to reviewers as indicated by Program Chair. Coordinate the review process.
3. Receive accepted and edited, or rejected abstracts from reviewers.

K. Proceedings (continued)

4. Send letters of acceptance or rejection to authors.
5. Prepare Proceedings for printing. Provide table of contents, author index, pagination and prepare Proceedings for printing.
6. Select printer and publisher on basis of competitive bids. Supervise publication.

L. Poster Sessions

1. Notify authors of day, time and location of their presentation, and send them instructions for the format of the posters.
2. Map the poster session area and obtain appropriate numbers of poster boards.
3. Provide poster numbers and necessary supplies.
4. Monitor poster sessions throughout the meeting.

M. Advance Registration

1. Develop systems and procedures for receipt and processing of advance registration forms.
2. Maintain accurate financial records of all advance registration income.
3. Prepare receipts, badges and packets for all registrants. Issue ribbons as appropriate.
4. Respond to requests for forms and information.

N. Meeting Site Arrangements

1. Reconfirm adequate meeting space with hotel.
2. Coordinate program elements and instruct hotel regarding exact floor layout, anticipated attendance, audio-visual equipment, signs and all other requirements.

N. Meeting Site Arrangements (continued)

3. Arrange for sleeping rooms for speakers. Arrange for additional rooms in neighboring hotels for low budget rooms.
4. Arrange catering functions - determine per plate costs, plan menu and coordinate all catering activities.
5. Supervise performance of hotel personnel during entire conference.

O. Registration

1. Type badge for each current registrant and insert in pin-on cover.
2. Prepare information packet for each attendee which will contain badge, final program, city information and any other material deemed appropriate.
3. Hire registrars, cashiers and typists for registration desks to distribute Conference packets to advance registrants and to process current registrants.
4. Provide city information and general hospitality service to registrants.
5. Provide message center.

P. On-Site Conference Management

1. Staff registration desks during the entire period of the conference.
2. Supervise the performance of the hotel during the entire duration of the meeting and resolve any problems arising during the conferences.
3. Supervise set-up and arrangements of booth set-up for the exhibitors.
4. Serve as a coordination point for Conference personnel. Organize, maintain and administer on-site Conference office.

P. On-Site Conference Management (continued)

5. Inspect meeting room set-up daily to verify that it is properly prepared in accordance with specifications.
6. Hire security guards and supervise their activities on site.
7. Work with local tour operators on social programs.
8. Supervise local transportation, as required.
9. Display up-to-date lists of registrants and their affiliations.

Q. Social Events

Arrange for adequate space, transportation, guest lists, invitations, reservations, menus, guarantees, flowers, decorations, ticketing, overall coordination for events as scheduled.

R. Fiscal Responsibility

1. Receive and deposit advance, current registration fees and tutorial fees in a special bank account.
2. Deposit contributions, exhibit fees and Proceedings fees.
3. Approve bills for items ordered by Meeting Management.
4. Prepare complete financial report showing:
 - a. The number of participants registered and amount of registration fees received and outstanding.
 - b. Number of exhibitors and fees received for exhibit booths.
 - c. Detailed account of all other income.

R. Fiscal Responsibility (continued)

- d. An accounting of all bills paid, by Meeting Management, listed by category as indicated in the budget.
- e. IJCNN will advance \$15,000 as an initial payment for Conference operating expenses by July 15, 1989. The remaining Conference expenses will be submitted for payment as they become due.

S. Post Conference Activities

1. Maintain office address on a year-round basis, if desired, for late mail, inquiries, etc.
2. Save records for use for following year.

Compensation

The fee for the services listed in this Agreement shall be as follows:

\$16,000.00 for less than 500 registrants;

\$28,000.00 for more than 500 but less than 1000 registrants;

\$35,000.00 for more than 1,000 through 1,500 registrants, inclusive;

For every registrant above 1,500 IEEE IJCNN '90 will pay Meeting Management \$20 per registrant. Hotel room commissions will be applied towards the amount due; and

\$10,000.00 shall be paid on account upon your signing of this agreement, the remainder to be paid at the completion of the conference.

Agency

It is understood that the relationship created is one of agent and principal and it is not intended, nor shall it be construed, to be joint venture with respect to the conference. As your agent, I shall be empowered to make such contractual arrangements as are required to provide the services set forth above. You will indemnify your agent and hold it harmless against any and all damages, liabilities or causes of action, including reasonable attorneys' fees, incurred or arising through or proximately resulting from the faithful performance of its duties herein.

Liabilities

All expenses and liabilities incurred in the performance of the services set forth above including, but not limited to, printing, mailings, telephone services, employee wages, shall be paid by the Conference. While it is anticipated that the Conference will result in a surplus, nothing herein contained shall be construed as a guarantee. Should the expenses exceed the income, IEEE and the International Joint Conference on Neural Networks will be expected to pay the excess.

If the Conference shall be cancelled or not held for any reason IEEE IJCNN '90 will be liable for all expenses incurred by Meeting Management up to date of cancellation. In addition, Meeting Management will receive as compensation the following:

1. If the conference cancellation occurs more than nine months before the scheduled conference date, one-half of the initial \$10,000.00 payment on account.
2. If the conference cancellation occurs between the sixth and ninth months, inclusive, before the scheduled conference date, the entire initial \$10,000.00 payment on account;

Liabilities (continued)

3. If the conference cancellation occurs between the third and fifth months, inclusive, before the scheduled conference date, one-half of the \$35,000.00 fee for 1,000 to 1,500 registrants, and;
4. If the conference cancellation occurs less than three months before the scheduled conference date, the entire \$35,000.00 fee for the 1,000 to 1,500 registrants.

Form of Agreement

This agreement constitutes the entire agreement between the parties pertaining to the subject matter contained in it and supersedes all prior or contemporaneous agreements, representations, modifications and understandings of the parties. Any supplements, modifications or amendments of the agreement will be binding only if executed in writing by all of the parties hereto.

Terms approved and agreed to:

Robert Marks

Date

Nomi Feldman

Nomi Feldman
Conference Coordinator

June 30, 1989

Date

3770 tansy
san diego
california
92121

consultants
and coordinators

conventions
meetings

(619)
453-6222

conferences
symposia

m e e t i n g m a n a g e m e n t

June 1, 1989

INTERNATIONAL JOINT CONFERENCE ON NEURAL NETWORKS

San Diego Marriott Hotel
June 17-21, 1990

The following services will be provided by Meeting Management for the International Joint Conference on Neural Networks to be held June 17-21, 1990, at the San Diego Marriott Hotel, San Diego, California.

A. Site Selection

Examine and select appropriate site for the Conference.

B. Advance Planning

1. Work with Program Chairs to develop timetable of dates and deadlines.
2. Work with the Program Committees to develop the meeting program format, its timing for publication and promotion, and coordinate the groups involved with the facilities available.

C. Conference Headquarters

1. Serve as secretariat address and office for the conference, before, during and after the meeting throughout the year.
2. Act as clearing center for all correspondence, telephone inquiries, registration, income/expenses, receipts, forms, etc.

D. Travel Arrangements

Negotiate with airlines for best price and service to the destination city. Arrange for complimentary flights for the speakers, if available.

E. Program Coordination

1. Coordinate with committees on design of special room arrangements for each session.
2. Contact speakers and session chairs to determine their specific audio-visual requirements and to communicate specific program instructions.
3. Arrange for audio-visual equipment and projectionists for all scientific sessions in accordance with each speaker's requirements.

F. Design and Printing

1. Receive program copy from Program Chairs. Assist in preparation of general copy and supervise printing for preliminary mailings.
2. Arrange for typesetting, graphic design, layout and printing of announcements.
3. Prepare and print advance registration cards and hotel reservation forms to be included in mailings.
4. Assist in the preparation of general copy and supervise printing of the Final Meeting Program.
5. Design, prepare copy and print final program, exhibit program, badges, tickets for the tutorials and social functions, signs, special information material, and conference packets, subject to approval of committee.

F. Design and Printing (continued)

6. Arrange and supervise printing of abstracts and proceedings. Camera-ready abstracts will be provided by Chair. Typesetting of cover, table of contents and pagination will be arranged by Meeting Management.

G. Mailings

Handle all arrangements for mailings. Negotiate with mailing house for best price and service. Supervise completion of mailings.

H. Mailing Lists

Select best sources of mailing lists with guidance of Chair.

I. Journals

Place announcements and advertisements in relevant journals. Send announcements to secretaries of societies. List of Journals to be provided by Chair.

J. Technical and Scientific Exhibits

1. Assist Exhibit Chair with solicitation of exhibitors.
2. Handle all arrangements for exhibitors, including designation of space, formation of booths, decorations, drayage, et al.

K. Proceedings

1. Receive abstracts/papers and forward to Program Chair for review. Process and log papers.
2. Send abstracts/papers to reviewers as indicated by Program Chair. Coordinate the review process.
3. Receive accepted and edited, or rejected abstracts from reviewers.

K. Proceedings (continued)

4. Send letters of acceptance or rejection to authors.
5. Prepare Proceedings for printing. Provide table of contents, author index, pagination and prepare Proceedings for printing.
6. Select printer and publisher on basis of competitive bids. Supervise publication.

L. Poster Sessions

1. Notify authors of day, time and location of their presentation, and send them instructions for the format of the posters.
2. Map the poster session area and obtain appropriate numbers of poster boards.
3. Provide poster numbers and necessary supplies.
4. Monitor poster sessions throughout the meeting.

M. Advance Registration

1. Develop systems and procedures for receipt and processing of advance registration forms.
2. Maintain accurate financial records of all advance registration income.
3. Prepare receipts, badges and packets for all registrants. Issue ribbons as appropriate.
4. Respond to requests for forms and information.

N. Meeting Site Arrangements

1. Reconfirm adequate meeting space with hotel.
2. Coordinate program elements and instruct hotel regarding exact floor layout, anticipated attendance, audio-visual equipment, signs and all other requirements.

N. Meeting Site Arrangements (continued)

3. Arrange for sleeping rooms for speakers. Arrange for additional rooms in neighboring hotels for low budget rooms.
4. Arrange catering functions - determine per plate costs, plan menu and coordinate all catering activities.
5. Supervise performance of hotel personnel during entire conference.

O. Registration

1. Type badge for each current registrant and insert in pin-on cover.
2. Prepare information packet for each attendee which will contain badge, final program, city information and any other material deemed appropriate.
3. Hire registrars, cashiers and typists for registration desks to distribute Conference packets to advance registrants and to process current registrants.
4. Provide city information and general hospitality service to registrants.
5. Provide message center.

P. On-Site Conference Management

1. Staff registration desks during the entire period of the conference.
2. Supervise the performance of the hotel during the entire duration of the meeting and resolve any problems arising during the conferences.
3. Supervise set-up and arrangements of booth set-up for the exhibitors.
4. Serve as a coordination point for Conference personnel. Organize, maintain and administer on-site Conference office.

P. On-Site Conference Management (continued)

5. Inspect meeting room set-up daily to verify that it is properly prepared in accordance with specifications.
6. Hire security guards and supervise their activities on site.
7. Work with local tour operators on social programs.
8. Supervise local transportation, as required.
9. Display up-to-date lists of registrants and their affiliations.

Q. Social Events

Arrange for adequate space, transportation, guest lists, invitations, reservations, menus, guarantees, flowers, decorations, ticketing, overall coordination for events as scheduled.

R. Fiscal Responsibility

1. Receive and deposit advance, current registration fees and tutorial fees in a special bank account.
2. Deposit contributions, exhibit fees and Proceedings fees.
3. Approve bills for items ordered by Meeting Management.
4. Prepare complete financial report showing:
 - a. The number of participants registered and amount of registration fees received and outstanding.
 - b. Number of exhibitors and fees received for exhibit booths.
 - c. Detailed account of all other income.

R. Fiscal Responsibility (continued)

- d. An accounting of all bills paid, by Meeting Management, listed by category as indicated in the budget.
- e. IJCNN will advance \$15,000 as an initial payment for Conference operating expenses by July 15, 1989. The remaining Conference expenses will be submitted for payment as they become due.

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Liabilities

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Liabilities (continued)

3. If the conference cancellation occurs between the third and fifth months, inclusive, before the scheduled conference date, one-half of the \$35,000.00 fee for 1,000 to 1,500 registrants, and;
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Form of Agreement

This agreement constitutes the entire agreement between the parties pertaining to the subject matter contained in it and supersedes all prior or contemporaneous agreements, representations, modifications and understandings of the parties. Any supplements, modifications or amendments of the agreement will be binding only if executed in writing by all of the parties hereto.

Terms approved and agreed to:

Robert Marks

Date

Nomi Feldman

Nomi Feldman
Conference Coordinator

June 30, 1989

Date



San Diego Marriott
Hotel & Marina

333 West Harbor Drive
San Diego, California 92101-7709
619/234-1500
Fax: 619/234-8678

SAN DIEGO MARRIOTT HOTEL & MARINA
CONTRACTUAL AGREEMENT

Third Full Revision - June 27, 1989

We are confident that the information listed below, while constituting an agreement between the San Diego Marriott Hotel & Marina and IEEE/ICNN, will be helpful to you and your staff in the planning of your final program. We believe, by specifying conditions and services relative to your IEEE/ICNN in advance, we can assure a professional program to the credit of both IEEE/ICNN and the San Diego Marriott Hotel & Marina.

ORGANIZATION: IEEE - INTERNATIONAL CONFERENCE ON NEURAL NETWORK

FILE NUMBER: L006903

CONTACT: Ms. Nomi Feldman
Vice-President
Meeting Management

ADDRESS: 8770 Tansy Street
San Diego, CA 92121

PHONE #: (619) 453-6222

FUNCTION/PROGRAM: 1990 International Conference

HEADQUARTERS HOTEL: SAN DIEGO MARRIOTT HOTEL & MARINA

OFFICIAL DATES: June 13 - (24), 1990

ANTICIPATED ATTENDANCE: 1,500+ ppl

ROOM NIGHT COMMITMENT: 800 rooms

ROOM NIGHT PATTERN:

DAY:	WED	THU	FRI	SAT	SUN	MON
DATE:	6/13	6/14	6/15	6/16	6/17	6/18
ROOMS:	5	25	410	720	800	770

DAY:	TUE	WED	THU	FRI	SAT	SUN
DATE:	6/19	6/20	6/21	6/22	6/23	6/24
ROOMS:	700	410	50	25	5	0

INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 2

We will monitor the room pick up for the years predceding your IEEE/ICNN in San Diego and alter the above block of rooms, if necessary, based on your actual room utilization. We will of course, consult you prior to making any changes in your room block.

SUITES: This room commitment includes the following suites:

<u>Suite Type</u>	<u># Held</u>	<u>Arrival Date</u>	<u>Departure Date</u>
Presidential Suite	1	Fri. 6/15/90	Thurs. 6/21/90
Hospitality Suite	10	Sat. 6/16/90	Wed. 6/20/90
Junior Suite	1	Fri. 6/15/90	Thurs. 6/21/90

CHECK IN/CHECK OUT TIMES

Our check-in time is 4:00pm; check-out is 12:00pm. Guests arriving before 4:00pm will be accommodated as rooms become available. Our Bell Captain can arrange to check baggage for those arriving early when rooms are not available and for guests attending functions on their day of departure.

GUEST ROOM RATES

In anticipation of welcoming and serving the IEEE/ICNN, the San Diego Marriott Hotel & Marina is pleased to confirm the following group rates over the convention dates in June of 1990.

	<u>City View</u>	<u>Bay View</u>
Single Occupancy:	\$125 per night	\$138 per night
Double Occupancy:	\$135 per night	\$148 per night
Additional Person:	\$ 20 per night	\$ 20 per night
Suites:	\$300.00 - \$2,800.00 per night	

The above rates will be commissionable to Meeting Management at ten (10) percent.

STAFF ROOMS

We are pleased to set aside ten (10) City View rooms to be assigned expressly to your convention staff at a special rate of fifteen (15) percent less than the convention rate, or \$110.00. Special-rated rooms will not earn complimentary credits.

INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 3

TAX

All sleeping room rates are subject to the applicable taxes at the time of check-out. Currently, these taxes are 8% per night and are subject to change.

SPECIAL ACCOMMODATIONS

As a sign of the Hotel's sincere interest in hosting the IEEE/ICNN, we will be pleased to upgrade ten (10) rooms to our Concierge Level. These rooms will be available June 15 - (21), 1990.

COMPLIMENTARY ROOMS

You will be entitled to one (1) complimentary room (unit) for every forty (40) rooms (units) actually occupied at the group rate. Should the block of rooms outlined in this agreement be 100% utilized, you would be entitled to ninety-eight (98) complimentary room nights. These room nights must be used during your actual convention dates and will be forfeited if not occupied.

A room night is one (1) room occupied for one (1) night, i.e., two (2) rooms occupied for three (3) nights equals six (6) room nights.

Suites are rated on a daily basis as follows:

Parlor Suite	=	2 Complimentary Units
Junior Suite	=	2 Complimentary Units
Executive Suite	=	4 Complimentary Units
Hospitality Suite	=	5 Complimentary Units
Presidential Suite	=	8 Complimentary Units
Manchester Suite	=	10 Complimentary Units
Marriott Suite	=	12 Complimentary Units
Admiral's Suite	=	14 Complimentary Units

The above suites are inclusive of one bedroom. Each additional bedroom added to the above suites will be equal to one (1) complimentary room unit.

INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 4

SPECIAL COMPLIMENTARY ARRANGEMENTS

We are pleased to offer you two (2) complimentary suites over and above our normal complimentary policy as well as one sleeping room.

<u>Suite Type</u>	<u>Arrival Date</u>	<u>Departure Date</u>
(1) Presidential Suite/ President of IEEE	Fri., 6/15/90	Thurs., 6/21/90
(1) Junior Suite/ Conference Coordinator	Fri., 6/15/90	Thurs., 6/21/90
(1) King Room/ Conference Assistant	Fri., 6/15/90	Thurs., 6/21/90

CUTOFF DATE

Thirty (30) days prior to your major arrival date, or May 15, 1990, we will release for sale the unused portion of your room commitment. Forty-five (45) days prior we will jointly review the unused portion of your block. If eighty percent (80%) of the total block is not picked up IEEE may guarantee, in writing, up to 10% but not less than twenty-five (25) rooms of the unreserved rooms. If IEEE does not wish to do so, all unreserved rooms will revert to the Hotel.

All reservations received within thirty (30) days of arrival will be accepted on a space available basis.

RESERVATIONS

It is our understanding that reservations will be made by reservation envelopes. The Hotel will provide envelopes three (3) times the number of guest rooms blocked on the peak night of your IEEE/ICNN. These reservation envelopes will be appropriately printed with the name of your meeting, rate and dates.

GUARANTEED RESERVATIONS

Reservation requests will be confirmed and guaranteed only if accompanied by one nights room deposit, or by the following major credit cards: American Express/Optimum, Carte Blanche, Diners Club, Master Card, Visa, or Discover Card with expiration date. The IEEE/ICNN may also guarantee room reservations.

INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 5

CREDIT ARRANGEMENTS

We understand that your attendees will be responsible for their own room, tax and incidental charges upon check out.

MASTER BILL & PAYMENT

It is our goal to maintain an accurate and updated Master Account on a daily basis. We would be pleased to have you review it with us each day which will help eliminate discrepancies as they occur. We will contact you to establish this daily appointment. Please note: We require 75% of the estimated Master Bill paid prior to departure.

Our terms are immediate payment upon receipt of statement. In the event such payment is not made within 25 days after receipt of the original statement it is agreed that the hotel may immediately impose a LATE PAYMENT CHARGE at the rate of 1 1/2% per month (ANNUAL RATE 18%) or the maximum allowed by law, on the unpaid balance. Reasonable cost of collection, including attorney's fees, will also be assessed.

Disputed charges will be subtracted from the final statement and the remaining total must be paid according to the above schedule. Upon resolution, we will re-bill the remaining charges to IEEE/ICNN and these must be paid within twenty-five (25) days after receipt of statement.

FUNCTION SPACE (FUNCTION RESERVATION INFORMATION AGENDA)

The confirmation agreement includes the enclosed function information agenda which outlines the reserved space based on your requirements. Please review the program and advise us at this time of any changes or additional space needs. We will make every effort to accommodate your needs, provided space is available.

This function information agenda is considered part of this contract and should be signed and returned with this document. This contract may be considered invalid until we receive the signed agenda.

INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 6

SIGNAGE

Exhibits, displays, table set-ups and signs placed outside the Hotel's meeting rooms require prior written consent from the Hotel management and Fire Marshall, if applicable. This includes any pre-function or public space area.

FACILITY SERVICE CHARGE

Any facility service charges specified on the function information agenda are based on your agenda, as outlined. Any changes to this agenda may be subject to rate review and revision, if warranted.

In consideration of your overall scheduled Food and Beverage functions and projected number of guest rooms, we are pleased to waive the customary rental charge for meeting and banquet space. The above waiver is predicated on your detailed agenda of programmed activities and the indicated attendances. Any reduction greater than 25% of the indicated attendance figures or total cancellation of Food and Beverage functions highlighted below will nullify the above waiver:

- A. Sunday, June 17th: Reception - 1000ppl
- B. Wednesday, June 20th: Reception - 2000ppl

The waiver does not include space held and not used after the six (6) month point indicated above.

Also, any reduction in room pick-up (total number of rooms occupied) greater than 20% of the original room block of total room nights may call for the institution of the rental scale as outlined below:

<u>Total Number of Room Nights Actually Occupied</u>	<u>Room Rental Per Day (Multiplied by 4 Meeting Days)</u>
3136 - 3920	Complimentary
2744 - 3135	\$2,000.00 (\$ 8,000.00 Total)
2352 - 2743	\$2,500.00 (\$10,000.00 Total)
1960 - 2351	\$3,000.00 (\$12,000.00 Total)
Less than 1,960	\$4,000.00 (\$16,000.00 Total)

INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 7

AMPLIFICATION

We will provide a permanent P.A. system in each of our major meeting facilities. A microphone or one microphone patch will be made available on a complimentary basis in each room where necessary and where audio connections are available.

AUDIO-VISUAL COMPANY

Should you require any audio-visual equipment, we recommend the services of our in-house audio-visual firm:

Photo and Sound
7719 Convoy Court
San Diego, CA 92111
(619) 565-2345

IN-HOUSE EQUIPMENT

The hotel will provide at no charge, a reasonable amount of meeting equipment, i.e., chairs, tables, blackboards, etc. The complimentary arrangement does not include special setups or extraordinary formats that would exhaust our present in-house equipment to the point of requiring rental of an additional supply to accommodate your needs. If such is the case, we will anticipate it in sufficient time as to present two (2) alternatives: the rental cost to your group for additional equipment, or the change of the extraordinary set up to a more normal format, avoiding the extra cost.

FOOD AND BEVERAGE

Our catering specialists look forward to creating menus and special arrangements for your planned food and beverage functions.

We will confirm all catering prices six (6) months prior to your arrival date.

Presently, our minimum catering selections are as follows:

Continental Breakfast - \$ 6.75 per person
Sit-Down Breakfast - \$11.00 per person
Lunch - \$15.00 per person
Dinner - \$23.00 per person

INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 8

FOOD AND BEVERAGE (Continued)

These quotations do not include any applicable California tax currently at 7%, and a taxable service charge of 17%.

You will be assigned a Catering Manager who will coordinate all phases of your banquet requirements, and function as a liaison with our service staff.

ROOM SERVICE (Hospitality Suite Policy)

Please note that all food and beverage served in Hospitality Suites and Parlors, must be purchased from the Hotel's Room Service Department. In the event that food or beverage is brought to the Hotel from outside sources, the corkage charges noted in the Room Service Directory will be applied to your Master Bill. When an associated vendor utilizes a Hospitality Suite these corkage charges will be applied to their account.

CONVENTION SERVICE DEPARTMENT

You will be contacted by your Convention Service Manager eighteen (18) months prior to your meeting. They will review and finalize your overall program needs and assure that everything is in order for a successful convention.

PARKING CHARGES

Parking charges for in-house guests are currently \$7.00 per day. The current non-guest rate is \$4.00 for 0-10 hours and \$7.00 for 10-24 hours.

COMPLIMENTARY PARKING PASSES

10 Complimentary Parking Passes will be provided to IEEE/ICNN for Staff/VIP cars. They will be valid 6/13 - (22)/1990.

EXHIBITS

It is our understanding that the primary nature of your exhibit is commercial and your requirements are 80-90 8 x 10 exhibit booths and a to-be-determined number of poster displays.

INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 9

EXHIBITS (Continued)

Set Up

The programmed exhibit area will be available to you at 8:00AM on Sunday, June 17, 1990.

Dismantle Time

It is understood that the exhibit area portion of your convention will have terminated and be completely clear of the hotel by 5:00PM on Thursday, June 21, 1990.

Rental (Garage)

Rental for exhibit space is currently \$.40 per net* square foot utilized. This is a per-day charge and applies to the utilization of our exhibit area over the designated show dates. Your set-up and dismantle days will be charged at half this rate.

*Because it is difficult to determine square footage for poster displays, the total square footage of the area used for IEEE's Poster Session will be determined and \$.25 per gross square foot will be charged.

The above rates reflect definite pricing in 1990.

The above rental agreement includes:

1. The exhibit facility as programmed.
2. General hotel lighting, heating and ventilation.

The above rental agreement does not include:

1. Carpeting of the Exhibit Hall.
2. Drayage and placement of display equipment.
3. Decoration and related services.
4. Guard services.
5. Labor, i.e., carpenters, electricians and draperymen.
6. Storage of any exhibit related material.
7. Lighting and electrical power.
8. Gas or water supply.
9. A one-time maintenance charge of \$500.00 for aisle and individual booth cleaning throughout and after the exhibit show.

INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 10

FIRE CODE ADHERENCE

It will be necessary that four (4) copies of your proposed exhibit floor plans be submitted to the San Diego Fire Marshall, with a copy to both your designated drayage company and Convention Services Manager. To ensure we adhere to all prevailing fire codes and regulations, the exhibit floor plans must be submitted at least ninety (90) days prior to your show date.

EXHIBITOR'S CONTRACT

It will be necessary that a copy of your proposed exhibitor's contract be submitted to our Convention Service Department prior to its printing and distribution. The reason is to ensure that the IEEE/ICNN and the Hotel are protected and that your exhibitor's have received complete information and instructions, as well as rules and regulations, governing exhibits at the Hotel.

HOLD HARMLESS CLAUSE

We submit the following "Hold Harmless" clause, which is part of our exhibitor rules and regulation and must be incorporated in your contract with the decorating company you select.

"The exhibitor assumes the entire responsibility and liability for losses, damages and claims arriving out of injury or damage to exhibitor's displays, equipment and other property brought upon the premises of the Hotel and shall indemnify and hold harmless the Hotel, agents, servants and employees from any and all such losses, damages and claims."

DRAYAGE

Due to the layout of the Hotel, we are unable to store display material and/or show merchandise. At the conclusion of your set up operation, all related equipment, crates, etc., must be removed from the premises and returned no later than the last day of the exhibit show period.

INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 11

DECORATOR

We will be pleased to advise you of our recommended decorators and will acknowledge and cooperate with whomever you desire to function in this capacity.

CHANGES, ADDITIONS, STIPULATIONS OR LINING OUT

Any changes, additions, stipulations, or corrective lining out by the IEEE/ICNN will not be binding to the Hotel until such additions, clauses, or stipulations have been approved by means of a corrected contractual agreement by the hotel.

VIP BOARD OF DIRECTORS DINNER

As a special sign of the San Diego Marriott Hotel & Marina's appreciation in being host to IEEE/ICNN, the Hotel would like to host a VIP Board Dinner for 15 people during your convention.

IMPOSSIBILITY

Should events beyond the control of the hotel or IEEE/ICNN, such as strikes, acts of God or civil disturbances materially affect either party's ability to perform, this agreement shall be terminated without prejudice.

CANCELLATION POLICY

If the hotel is advised that this definite booking is cancelled, a cancellation fee will be assessed. This fee will be based upon the percentage shown below. The percentage will be calculated by multiplying the group guest room rate in effect at the time the cancellation is submitted by the total room nights blocked according to the contract.

<u>Notification of Cancellation Prior to Arrival</u>	<u>Percentage of Estimated Total Room Revenue</u>
0 - 90 Days	75%
91 - 180 Days	60%
181 - 365 Days	40%
366 - Confirmation of Agreement	20%

INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 12

SECOND-OPTION DATES

A first-option commitment has been made to another organization over these dates. Every effort will be made to clear the existing option if you decide to confirm the above dates. To indicate your acceptance of this agreement, please initial each page and sign the enclosed copy as soon as possible. Once we have received the signed agreement we will request that the other group exercise its first-option. If they are unable to do so within three (3) working days, this contract will allow us to establish these arrangements on a definite basis and all conditions outlined in this contract will be final.



Annadru Conley
Director of National Accounts
SAN DIEGO MARRIOTT HOTEL & MARINA



Date

Nomi Feldman
Conference Chairman
IEEE/ICNN

Date

INITIAL

University of Washington Correspondence

INTERDEPARTMENTAL

*Interactive Systems Design Laboratory, Department of Electrical Engineering, FT-10
Telephone: (206)543-6990 (office), 543-6061 (secretary), (543-2150 (main office), 776-8995 (home),
543-3842 (FAX); marks@blake.acs.washington.edu*

June 22, 1989

TO: Professors Atlas, El-Sharkawi, Holden, Hwang, Pinter

FROM: Professor Marks *rcj marks ew*

It's official! The 1991 summer IJCNN will be in Seattle.

RJM:ew

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990 (office), 543-6061 (secretary),
543-2150 (main office), 776-8995 (home), 543-3842 (FAX).
marks@blake.acs.washington.edu

6-13-89

Ms. Laura Jobmann
IEEE Conference Services
FAX# (201)-981-1686

Dear Laura,

Enclosed is the revised contract for the proposed France IJCNN in 1990 that we talked about on the phone along with a portion of a cover letter from Bernie Widrow, President of INNS. Please review the contract and advise me of its acceptability by IEEE.

Sincerely,

A handwritten signature in black ink, appearing to read 'R. Marks II', with a long horizontal flourish extending to the right.

Robert J. Marks II
IEEE NNC Chair pro tem

THERE ARE 8 PAGES IN THIS FAX MESSAGE



BERNARD WIDROW
Professor of Electrical Engineering
(415) 723-4949

INFORMATION SYSTEMS LABORATORY

Department of Electrical Engineering
STANFORD UNIVERSITY Stanford, CA 94305-4055

June 9, 1989

Professor Bob Marks II
University of Washington
Interactive Systems Design Lab
Seattle, WA 98195

Dear Bob,

Enclosed is the latest version, (draft #10) of the Thomson contract. Thomson is a profit-making private company, for IEEE's information.

Under IEEE rules, both IEEE and INNS need to be sure that we together organize and control the technical program. Thomson will have inputs, of course. Bernard Angeniol of Thomson is the director of the European ESPRIT program in neural networks. He sits at the funding focus for research on neural networks in all of Europe.

Try this latest version of the contract out on IEEE. Let me know what happens. INNS will not approve a contract that will ultimately be unacceptable to IEEE. Thomson seems to be very flexible and willing to accomodate us.

Best regards,

A handwritten signature in cursive script that reads "Bernie".

Bernard Widrow

From: Michel DENECHERE
To : Bernard WIDROW

June 6, 1989

Ref: Your Fax dated on June 2,1989

Please find herejoined, the 3 originals contract modified pages, which the
IEEE financial participation has been delete.*

Sincerely yours

Michel DENECHERE



ORIGINAL N° 1

TRIPARTITE AGREEMENT

This Agreement, is made by and between

International Neural Network Society, a California corporation having its main office at 860 Lathrop Drive, Stanford, CA 94305, USA, (hereinafter referred to as "INNS")

The Neural Network Committee of the Institute of Electrical and Electronics Engineers Inc. a New York corporation, having its main office at 345 East 47 Street, NEW YORK 10017-2394, USA (hereinafter referred to as "IEEE")

and **THOMSON-SA** a French corporation having its head office at 51 esplanade du Gal. De Gaulle, La Défense 10, PUTEAUX, FRANCE (hereinafter referred to as "TH-SA")

and is predicated upon all of the following assumptions, representations and expectations of the Parties:

Whereas INNS and IEEE have decided to hold an international conference, on neural networks (hereinafter designated as "Conference") in FRANCE, PARIS, five days during the summer of 1990,

Whereas INNS and IEEE acknowledge the TH-SA competence in the neural network field,

INNS and IEEE instruct TH-SA to organize this Conference and appoints TH-SA as sponsor, and TH-SA accepts. The Conference shall be called IJCNN-90-PARIS. (IJCNN is a designation of INNS and IEEE signifying International Joint Conference on Neural Networks)

Now, therefore, the Parties agree as follows:

ARTICLE 1: RESPECTIVE RIGHTS AND OBLIGATIONS

1.1) INNS and IEEE will participate in the Conference as cooperating societies in the following manner:

- a) INNS and IEEE undertake to advertise the Conference to their respective members through their publications, mailings (mailings to all the worldwide concerned members, from listing used for other IJCNN meetings, approximately 10 000 members) and by all means at their convenience, such as advertising at preceding conferences. INNS will commit \$ 5 000 for the purpose. Brochures for the mailing will be furnished by TH-SA. Each advertising or announcement about the Conference will mention "INNS and IEEE cooperating societies, sponsored by THOMSON-SA",

- b) INNS will commit \$ 10 000 corresponding to support travel costs for 10 board members or other selected top scientists in the neural network field, who will have to participate as invited speakers at the Conference. INNS and IEEE will undertake to obtain authorization from the invited speakers to publish their name and short CV's in all documents or advertising for the Conference. A tentative list with the names of the potential invited speakers will be communicated by INNS to TH-SA by June 15, 89. The definitive list of the invited speakers will be provided by the Program Committee at the Conference.

- c) INNS and IEEE won't organize any other large general manifestation (i.e. any scientific conference involving more than 500 persons) in the neural network field, during the year 1990 in Europe, without prior written consent of TH-SA. Specialized manifestations on focused topics and workshops are allowed without approval of TH-SA
- d) INNS and IEEE will provide a free booth for a TH-SA representative to advertise the Conference at each Washington IJCNN conference, in June 89 and January 90.

1.2) TH-SA will participate in the Conference as the sponsor in the following manner:

- a) TH-SA will mention "INNS and IEEE cooperating societies, sponsored by THOMSON-SA", in each advertising or public information piece about the Conference.
- b) TH-SA will entrust the material organization of the Conference, to a conference management company, which will bear all consequent costs. The organization will:
 - . conceive, print and send the program and other documents
 - . rent, during the Conference period, all necessary spaces, conference rooms, and booths
 - . make public announcements
 - . plan a cocktail reception
 - . receive attendee's conference fees and keep account
 - . provide space for exhibitors at the Conference and receive their fees,
 - . publish a Conference Proceedings of the accepted papers or abstracts;

All these actions are listed and planned in the Annex of the current Agreement

All the personal accommodations (hotels, meals, local arrangements ...) will be the responsibility of the invited people, including the speakers.

- c) TH-SA will commit \$ 50 000 corresponding to support travel costs for 50 non-French scientists, whose submitted papers were accepted by the Program Committee for oral presentation or as posters. Preference will be given to young authors. TH-SA will choose the recipients, and inform INNS and IEEE of the recipients.
- d) In accordance with INNS practice, registration fees for student attendees will be one third that of professional people.

1.3) Concerning the conference management company, the Parties (INNS, IEEE and TH-SA) have examined the project submitted by Z- Net (a California company with agent in Paris) and have decided to entrust the organization of the Conference to Z-Net, following the terms defined in b) above. A contract between TH-SA and Z-Net will precise the conditions of this organization.

1.4) Whereas that the management company designed above will bear the majority of the costs, they will have the right to seek other qualified sponsor for the Conference, subject to a prior written agreement of INNS, IEEE and TH-SA.

1.5) The official language of the Conference should be English.

1.6) In fulfilling its obligations under this Agreement, each Party shall be acting as an independent contractor.

1.7) Each Party agrees that all publications or presentations, including the Technical Program shall be reviewed and approved by the Program Committee before April, 1,

1.8) Neither this Agreement, nor any rights of either party hereunder may be assigned or transferred in any way by either party without the prior written consent of the others.

ARTICLE 2: RESPONSIBLES

Three committees will be designated to ensure the efficiency of the Conference.

A Program Committee will be formed before June 15 1989, which will be in charge of centralizing and validating all documents, presentations (orals and posters), and the technical program.

The Program Committee shall be comprised of nine people, three groups, of equal numbers selected by INNS, IEEE, and TH-SA. The Chair will be appointed by IEEE or INNS.

A Finance Committee will be formed before December 31, 1989, which will be in charge of auditing all Conference consequent costs at its term.

The Finance Committee shall have three members, chosen by three Parties. The Chair will be a person of TH-SA.

The IJCNN-90-PARIS Oversight Committee, which will be in charge of supervising all actions, and controlling the performance of the Conference.

It shall be comprised of the 10-person IEEE/INNS IJCNN Oversight Committee, plus 5 persons selected by TH-SA.

The General Co-Chairs shall be Bernard Widrow of INNS, and Bernard Angeniol of TH-SA,

ARTICLE 3: FINANCIAL

3.1) In accordance with the terms of the paragraph 1.1.b) INNS will committ \$ 10.000

3.2) In accordance with the terms of the paragraph 1.2.c) TH-SA will committ \$ 50.000 plus its financial participation as sponsor.

3.3) In case of profit, TH-SA will undertake, within two months following the end of the Conference, to allocate 14% of the profit to INNS, with a maximum allocation of \$ 15 000.

Profit is the difference between incomes (such as registration fees, tutorial fees, exhibitors fees, sales of proceedings) and expenses (such as publication of proceedings, conference space costs, booths, advertising, mailings other than paragraph 1.1.a, conference management, cocktail reception etc).

Any others financial sponsoring, obtained by the conference management company according to the terms of the paragraph 1.4., won't be considered as income, and travel costs advanced by the Parties won't be considered either as income or as expenses.

The conference management company, will maintain separate bank accounts for the Conference and will maintain financial records so that they may be audited by IEEE, INNS and TH-SA.

3.4) In case of deficit, the INNS and TH-SA allocations will be lost.

ARTICLE 4 : FUNDING SCHEDULE

The INNS financial participation, according to the terms of the paragraph 1.1.b), will be paid on January 1, 1990.

ARTICLE 5 : TERM OF AGREEMENT

This Agreement shall commence on the date of its signature by Parties (INNS, IEEE and TH-SA), and shall terminate at the latest, two months from the end of the Conference, except the terms of the paragraph 1.1 c), which will survive beyond the term of this Agreement.

ARTICLE 6 : DATE OF THE CONFERENCE

The duration of the Conference is fixed for 5 days, foreseen from July 9 to 13, 1990.

ARTICLE 7 : ALTERATION

This Agreement cannot be altered, changed, supplemented or amended, except by written instrument, or instrument signed by Parties.

ARTICLE 8 : FORCE MAJEURE

None of the Parties will be liable for any delay or failure to perform, caused by act of the enemy, acts or regulations or decrees of any Government (de facto or de jure), the elements, act of God, earthquakes, floods, fires, riots, war, shipwreck, strikes, terrorism acts, freight embargoes, lockouts, work stoppages, unusually severe weather or other similar causes above and beyond the reasonable control of such Party; provided that such Party so affected shall give prompt notice to the other Parties, use its good faith efforts to avoid or remove such causes and continue performance hereunder with the utmost dispatch whenever such causes are removed or settled.

ARTICLE 9 : CORRESPONDENTS

All written notices and other communications shall be sent to the following correspondents:

For INNS: Professor Bernard Widrow (for all administration communications)
Durand Building, Room 139
Stanford University
Stanford, CA, U.S.A 94305-4055
Tel: 415-723-4949 Fax: 415-723-8473

For IEEE: Professor Robert J. Marks II
Department of Electrical Engineering
University of Washington
Mail Stop ST 10
Seattle, WA, U.S.A 98195
Tel: 206-543-6990 Fax: 206-543-3842

For TH-SA: Dr. B. ANGENIOL
THOMSON-CSF/DSE
BP 150
92223 BAGNEUX Cedex- France
Tel: 40-84-42-39 Fax: 40-84-46-96

ARTICLE 10 : APPLICABLE LAW

The Parties agree that the French laws shall govern this Agreement and the performance hereunder.

Any invalidity, in whole or in part, of any provision of the Agreement shall not effect the validity of any other of its provisions.

All disputes arising out or in connection with this Agreement including its validity, interpretation, application, performance, termination or otherwise shall be settled by arbitration, according to the rules of conciliation and arbitration of the International Chamber of Commerce in PARIS, France.

ARTICLE 11 : GENERAL

11.1) The headings of the articles, used in this Agreement are included for convenience only and are not to be used in construing or interpreting this Agreement

11.2) The failure of either Party to insist, in any one or more instances, upon performance of any of the terms, covenants or conditions of this Agreement or to exercise any right hereunder, shall not be construed as a waiver or relinquishment of the future performance of any such term, covenant or condition or the exercise of such right, and the obligation of the other Party with respect to such future performance shall continue in full force and effect.

IN WITNESS WHEREOF, the Parties hereto have caused this Agreement to be executed on the respective dates written below, in duplicate by their respective officers thereunto duly authorized.

INNS

IEEE

TH-SA

By B. Widrow

By R.J Marks II

By E. Spitz

Date.....

Date.....

Date.....

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990 (office), 543-6061 (secretary),
543-2150 (main office), 543-3842 (FAX).
marks@blake.acs.washington.edu

June 12, 1989

Prof. Walter Karplus, General Co-Chair
International Joint Conference on Neural Networks, Summer 1990
3732 Boelter Hall
UCLA
Los Angeles, CA 90024

Prof. Joseph W. Goodman, General Co-Chair
International Joint Conference on Neural Networks, Summer 1990
Dept. of Electrical Engineering
Stanford University
McCullough 150
Stanford, CA 94305-4055

Dear Joe and Walter:

On behalf of the *IEEE Neural Networks Committee* (NNC), thank you for agreeing to be the General Co-Chairs of the Summer 1990 *International Joint Conference on Neural Networks*. Please let me know if there is any way I can be of assistance during your execution of these duties.

In previous IEEE sponsored conferences on neural networks, there have been some problems surface which must not be allowed to reoccur. By this letter, I am informing you of these concerns and direct that they not be allowed to take place in the Summer '90 *IJCNN*.

- ◆ Adherence must be given to *IEEE Policies and Procedures*, the *NNC Charter* and the *IEEE NNC & INNS Agreement* on joint sponsorship of *IJCNN*'s. The last two documents are included in the agenda book for the upcoming NNC meeting that was recently mailed to you.

A excerpt from the *IEEE NNC & INNS Charter*, for example, reads "SESSION CHAIRS ARE NOT NORMALLY COMPENSATED FOR THEIR TRAVEL EXPENSES". This policy has been blatantly violated in previous conferences. The problem was compounded by the noninclusion of the expense in the approved conference budget. The IEEE is currently reviewing the matter for possible action.

This and similar problems can be avoided by timely approval of the conference budget. Any expenditures that are not included in the approved budget will not be honored. They will, rather, be considered the personal responsibility of the person or persons making the financial commitment.

Any expenditures prior to the approval of the conference budget should be

- consistent with and in the spirit of traditional IEEE conference planning guidelines.
- personally approved by you.

I am willing to officially answer any specific questions that arise in this regard.

- ◆ In order to help avoid commercialization of the conference and so that there is a coordinated unified voice, all publicity matters - including news releases and press conferences - are your responsibility. I prefer that you do not delegate this responsibility. In past conferences, a number of people associated with the conference have presented themselves as conference spokesmen. Although anyone can speak to the press, only you are authorized to identify yourself as spokesmen for the Summer '90 *IJCNN*. Those affiliated with the conference should direct queries in such matters to you.

As a personal request, I ask that the upcoming *IJCNN* focus more on the current status of engineering and scientific investigation of neural networks and less on futuristic hype. By this approach, I believe that the field will mature in strength and have a healthier future.

Best personal regards,



Robert J. Marks II
NNC Chairman *pro tem*

CC: WALTER FREEMAN, *IJCNN* SUMMER '90 PROGRAM Co-CHAIR
BART KOSKO, *IJCNN* SUMMER '90 PROGRAM Co-CHAIR
H. JOHN CAULFIELD, *IJCNN* SUMMER '90 FINANCE CHAIR
PATRICK SIMPSON, *IJCNN* SUMMER '90 LOCAL ARRANGEMENTS CHAIR
NICHOLAS DeCLARIS, *IJCNN* OVERSIGHT COMMITTEE, CHAIR
BERNIE WIDROW, *INNS* CHAIR

RJM:tsm

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990 (office), 543-6061 (secretary),
543-2150 (main office), 776-8995 (home), 543-3842 (FAX);
marks@blake.acs.washington.edu*

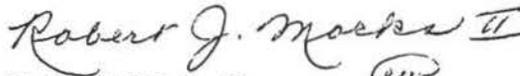
June 8, 1989

Professor Wes Snyder
NNC Treasurer
Electrical and Computer Engineering
North Carolina State University
Box 7911
Raleigh, NC 27695

Dear Wes:

Attached is a statement from IEEE on the current financial status of the NNC.

Sincerely,



Robert J. Marks II
NNC Chairman pro tem

RJM:ew
Att.

cc: Professor Troy Nagle



IEEE

THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.
345 EAST 47TH STREET, NEW YORK, N.Y. 10017-2394, U.S.A. TELEX 236411

May 25, 1989

DIRECT NUMBER (212) 705-

TO: Officers, ALL Societies/Councils
FROM: Mel Bonaviso, TAB Finance Administrator
SUBJECT: Financial Statement of Operations

Enclosed are:

1. The 1988 Post-Audit statement of Financial Operations for your Society/Council covering the period January 1st through December 31st.
2. Financial Statement of Operations for your Society/Council covering the period January 1st through April 30th, 1989.
3. Member and Subscriber statistics as of 4/30/89.

If you have any questions or if I can be of assistance, please contact me.

encs.

cc: TAB OpCom
TAB Finance Committee



IEEE

DATE 05/11/89

IEEE OPERATING FINANCIAL STATEMENT

PAGE 49

NEURAL NETWORKS COMM

STAFF ENGELSON
 COORDINATOR

(000 OMITTED)
 FOR THE PERIOD ENDING APRIL 30, 1989

PROJECT/PROGRAM NAME	P C O D E	INCOME			EXPENSE					NET SURPLUS (DEFICIT)			
		ANNUAL BUDGET	YEAR TO DATE		BUDGET	ANNUAL		YEAR TO DATE		ANNUAL BUDGET	YEAR TO DATE		
			BUDGET	ACTUAL		COMMITTED	AVAILABLE	BUDGET	ACTUAL		BUDGET	ACTUAL	VARIANCE
NON-PERIODICAL SALES	924			25.5 N/A								25.5	25.5

PGM NAME: GFINRA79 REPORT PROCESSED ON 05/11/89
 NEURAL NETWORKS COMM
 FOR THE PERIOD ENDING APRIL 30, 1989

ANNUAL BUDGET	Y.T.D. TOTALS	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
INCOME													
NON PERIODICAL SALES													
CONF PUB ODP NET 8924501001													
B													
A	25.5	25.5											
TOT NON PERIODICAL													
B													
A	25.5	25.5											
TOTAL INCOME													
B													
A	25.5	25.5											
TOTAL OVERALL													
B													
A	25.5	25.5											

1989 IEEE Neural Networks Council Document
Robert J. Marks II Library Archive
STATEMENT OF FINANCIAL OPERATIONS

Neural Network

Society/Council No.924 Period Ended 4/30/89

CURRENT BALANCE SUMMARY

Net Worth January 1st
Net Operating Surplus (Deficit) year to date
Current Net Worth 25.5

SUPPLEMENTAL FINANCIAL DATA

Outstanding Conference Loans (See details below) 16.0
Accounts Receivable (See details below)
Investments: Option T
 Long Term
 Long Term Interest Earned

1989 TRANSACTIONS/JOURNALS/MAGAZINES

<u>BUDGET</u>	<u># Issues</u>	<u># Pages</u>	<u>\$Print/Dist.</u>	<u>Vol. Pg. Chgs</u>
	<u>Estimate Complete</u>	<u>Estimate Complete</u>	<u>Estimate Complete</u>	<u>Current Prior</u>

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990 (office), 543-6061 (secretary),
543-2150 (main office), 776-8995 (home), 543-3842 (FAX).
marks@blake.acs.washington.edu*

6-2-89

Ms. Laura Jobmann
IEEE Service Center
FAX # (201) 981-1686

Dear Laura,

Here is a proposed budget for yet a third conference! This one is being organized by INNS. We share, however, in 50% of the profits and are co-sponsors. It will be held in January 1990 in Washington D.C. An attendance of 2000 is estimated.

The Neural Network Committee would like to vote on the budget at our June 18th meeting. Assuming the publications matter is taken care of, is this budget okay with IEEE?

I have contacted INNS about the publications matter we discussed.

Sincerely,



Robert J. Marks II
NNC Chair pro tem

THERE ARE 5 PAGES IN THIS FAX MESSAGE

Rev 6-Mar-89

IJCNN Winter 1990 Income Detail

	Member	Non-Member	Student						
Early Pre-Reg Fee	\$155	\$195	\$50						
Late Pre-Reg Fee	\$200	\$250	\$75						
On-Site Reg Fee	\$235	\$295	\$75						
Tutorial Fee	\$250								
One-Day Fee	\$90	\$115							
Number of Attendees	1000	1250	1500	1750	2000	2250	2500	2750	3000
Registration Income									
Member Early Pre-Reg	\$21,700	\$27,125	\$32,550	\$37,975	\$43,400	\$48,825	\$54,250	\$59,675	\$65,100
Non-Mem Early Pre-Reg	\$27,300	\$34,125	\$40,950	\$47,775	\$54,600	\$61,425	\$68,250	\$75,075	\$81,900
Member Late Pre-Reg	\$28,000	\$35,000	\$42,000	\$49,000	\$56,000	\$63,000	\$70,000	\$77,000	\$84,000
Non-Mem Late Pre-Reg	\$35,000	\$43,750	\$52,500	\$61,250	\$70,000	\$78,750	\$87,500	\$96,250	\$105,000
Member On-Site	\$32,900	\$41,125	\$49,350	\$57,575	\$65,800	\$74,025	\$82,250	\$90,475	\$98,700
Non-Member On-Site	\$41,300	\$51,625	\$61,950	\$72,275	\$82,600	\$92,925	\$103,250	\$113,575	\$123,900
Student Early	\$2,500	\$3,125	\$3,750	\$4,375	\$5,000	\$5,625	\$6,250	\$6,875	\$7,500
Student On-Site	\$3,750	\$4,688	\$5,625	\$6,563	\$7,500	\$8,438	\$9,375	\$10,313	\$11,250
Member One-Day	\$2,700	\$3,375	\$4,050	\$4,725	\$5,400	\$6,075	\$6,750	\$7,425	\$8,100
Non-Mem One-Day	\$3,450	\$4,313	\$5,175	\$6,038	\$6,900	\$7,763	\$8,625	\$9,488	\$10,350
Tot Regis. Income	\$198,600	\$248,250	\$297,900	\$347,550	\$397,200	\$446,850	\$496,500	\$546,150	\$595,800
Conference Pub Sales	\$5,625	\$7,031	\$8,438	\$9,844	\$11,250	\$12,656	\$14,063	\$15,469	\$16,875
Exhibits	\$51,000	$51,000	$51,000	$51,000	$51,000	$51,000	$51,000	$51,000	$51,000
Other Income									
Interest	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
Advance from INNS	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000
Meeting Manager Refund	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000
Social Func. Tickets	\$1,750	\$2,188	\$2,625	\$3,063	\$3,500	\$3,938	\$4,375	\$4,813	\$5,250
Tutorial Fees	\$62,500	\$78,125	\$93,750	\$109,375	\$125,000	\$140,625	\$156,250	\$171,875	\$187,500
TOTAL INCOME	\$378,475	\$445,594	\$512,713	\$579,831	\$646,950	\$714,069	\$781,188	\$848,306	\$915,425
TOTAL EXPENSES	\$366,723	\$367,528	\$380,554	\$409,329	\$435,825	\$462,321	\$488,816	\$515,312	\$541,808
NET SURPLUS	\$11,753	\$78,066	\$132,159	\$170,502	\$211,125	\$251,748	\$292,371	\$332,994	\$373,618
SURPLUS Inc. SEED MONEY	\$51,753	\$118,066	\$172,159	\$210,502	\$251,125	\$291,748	\$332,371	\$372,994	\$413,618

1989 IEEE Neural Networks Council Document

IJCNN Winter 1990 Expense Detail

Rev 6-Mar-89	1000	1250	1500	1750	2000	2250	2500	2750	3000
MARKETING/PROMOTION									
Number of Attendees									
Call for Papers									
Printing	\$600	\$600	\$600	\$600	\$600	\$600	\$600	\$600	\$600
Mailing	\$4,500	\$4,500	\$4,500	\$4,500	\$4,500	\$4,500	\$4,500	\$4,500	\$4,500
Brochure Expenses									
Printing	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500
Mailing	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500
Mailing Lists	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000
Advertisements	\$12,000	\$12,000	\$12,000	\$12,000	\$12,000	\$12,000	\$12,000	\$12,000	\$12,000
Total Marketing	\$37,100	\$37,100	\$37,100	\$37,100	\$37,100	\$37,100	\$37,100	\$37,100	\$37,100
SOCIAL FUNCTIONS									
Reception	\$11,250	\$14,063	\$16,875	\$19,688	\$22,500	\$25,313	\$28,125	\$30,938	\$33,750
Coffee Breaks	\$13,250	\$16,563	\$19,875	\$23,188	\$26,500	\$29,813	\$33,125	\$36,438	\$39,750
Dinner	\$27,000	\$33,750	\$40,500	\$63,000	\$72,000	\$81,000	\$90,000	\$99,000	\$108,000
Total Social Functions	\$51,500	\$64,375	\$77,250	\$105,875	\$121,000	\$136,125	\$151,250	\$166,375	\$181,500
REGISTRATION EXPENSES									
Credit Card Fees	\$2,483	\$3,103	\$3,724	\$4,344	\$4,965	\$5,586	\$6,206	\$6,827	\$7,448
Attendee Packet	\$4,400	\$5,500	\$6,600	\$7,700	\$8,800	\$9,900	\$11,000	\$12,100	\$13,200
Final Program	\$1,875	\$2,250	\$2,625	\$3,000	\$3,375	\$3,750	\$4,125	\$4,500	\$4,875
Meeting Mgr Travel Exp	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500
Phone/Postage/Etc.	\$5,000	\$6,250	\$7,500	\$8,750	\$10,000	\$11,250	\$12,500	\$13,750	\$15,000
Meeting Mgr Fee	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000
Tot Regis. Expenses	\$39,258	\$42,603	\$45,949	\$49,294	\$52,640	\$55,986	\$59,331	\$62,677	\$66,023
EXCESS HOTEL ROOMS	\$44,880	\$22,440	\$11,220	\$0	\$0	\$0	\$0	\$0	\$0
PUBLICATION EXPENSES									
Review Expenses	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500
Proceedings Publication	\$33,660	\$41,310	\$48,960	\$56,610	\$64,260	\$71,910	\$79,560	\$87,210	\$94,860
Shipping to WashDC	\$1,875	\$2,250	\$2,625	\$3,000	\$3,375	\$3,750	\$4,125	\$4,500	\$4,875
Tot Pub Expenses	\$48,035	\$56,060	\$64,085	\$72,110	\$80,135	\$88,160	\$96,185	\$104,210	\$112,235
ADMINISTRATION EXPENSES									
Insurance/Bonding	\$500	\$500	\$500	\$500	\$500	\$500	\$500	\$500	\$500
Security & Guards	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500
Audio/Visual Equipment	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500
Office Equip (fax,copy, etc.)	\$500	\$500	\$500	\$500	\$500	\$500	\$500	\$500	\$500
Signage/Forms	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500
Telephone	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
Auditing	\$5,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000
Bookkeeping/Finance	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Tot Admin Expenses	\$23,500	\$22,500	\$22,500	\$22,500	\$22,500	\$22,500	\$22,500	\$22,500	\$22,500

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SEED MONEY TO 91 CONF	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000
COMMITTEE EXPENSES									
Tutorial Speaker Fees	\$3,500	\$3,500	\$3,500	\$3,500	\$3,500	\$3,500	\$3,500	\$3,500	\$3,500
Travel Expenses, Tutorial	\$5,250	\$5,250	\$5,250	\$5,250	\$5,250	\$5,250	\$5,250	\$5,250	\$5,250
Invited Spkr Travel	\$42,000	\$42,000	\$42,000	\$42,000	\$42,000	\$42,000	\$42,000	\$42,000	\$42,000
Committee Travel									
Anderson	\$900	\$900	\$900	\$900	\$900	\$900	\$900	\$900	\$900
Caudill	\$1,150	\$1,150	\$1,150	\$1,150	\$1,150	\$1,150	\$1,150	\$1,150	\$1,150
Cooper	\$900	\$900	\$900	\$900	\$900	\$900	\$900	\$900	\$900
Pellionisz	\$900	\$900	\$900	\$900	\$900	\$900	\$900	\$900	\$900
Widrow	\$1,150	\$1,150	\$1,150	\$1,150	\$1,150	\$1,150	\$1,150	\$1,150	\$1,150
Total Committee Expenses	\$55,750	\$55,750	\$55,750	\$55,750	\$55,750	\$55,750	\$55,750	\$55,750	\$55,750
EXHIBIT EXPENSES									
Hall Rental	\$14,700	\$14,700	\$14,700	\$14,700	\$14,700	\$14,700	\$14,700	\$14,700	\$14,700
Exhibit Management	\$5,500	\$5,500	\$5,500	\$5,500	\$5,500	\$5,500	\$5,500	\$5,500	\$5,500
Exhibit Marketing	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500
Tot Exhibit Expenses	\$26,700	\$26,700	\$26,700	\$26,700	\$26,700	\$26,700	\$26,700	\$26,700	\$26,700
Total Conference Expenses	\$366,723	\$367,528	\$380,554	\$409,329	\$435,825	\$462,321	\$488,816	\$515,312	\$541,808

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IJCNN Winter 1990 Meeting Daily Schedule

Rev 5/1/89																
Monday			Tuesday			Wednesday			Thursday			Friday				
Regency Ballroom	Exhibition Hall	Regency Ballroom	Blue Room	Ambassador Room	Palladian Room	Exhibition Hall	Regency Ballroom	Blue Room	Ambassador Room	Palladian Room	Exhibition Hall	Regency Ballroom	Blue Room	Ambassador Room	Palladian Room	Exhibition Hall
8:30 Tutorials	Exhibitor Setup	Application Track	Biology Track	Theory Track	Poster Session	Exhibits OPEN	Application Track	Biology Track	Theory Track	Poster Session	Exhibits OPEN	Application Track	Biology Track	Theory Track	Poster Session	Exhibitor Tear Down
10:00 ↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
11:00 LUNCH	↓	LUNCH	LUNCH	LUNCH	LUNCH	↓	LUNCH	LUNCH	LUNCH	LUNCH	↓	LUNCH	LUNCH	LUNCH	LUNCH	↓
12:00 ↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
1:00 ↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
2:00 ↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
3:00 ↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
4:00 ↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
5:00 Welcome Reception & Kohonen Concert	↓	DINNER	DINNER	DINNER	DINNER	↓	DINNER	DINNER	DINNER	DINNER	↓	DINNER	DINNER	DINNER	DINNER	↓
6:00 ↓	↓	PLENARY	PLENARY	PLENARY	PLENARY	↓	PLENARY	PLENARY	PLENARY	PLENARY	↓	PLENARY	PLENARY	PLENARY	PLENARY	↓
7:00 ↓	↓	Widrow/Hubel	Widrow/Hubel	Widrow/Hubel	Widrow/Hubel	↓	Widrow/Hubel	Widrow/Hubel	Widrow/Hubel	Widrow/Hubel	↓	Widrow/Hubel	Widrow/Hubel	Widrow/Hubel	Widrow/Hubel	↓
8:00 ↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
9:00 ↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
8:30 Application Track	Biology Track	Theory Track	Poster Session	Exhibits OPEN	Application Track	Biology Track	Theory Track	Poster Session	Exhibitor Tear Down	Exhibitor Tear Down	Exhibitor Tear Down	Exhibitor Tear Down	Exhibitor Tear Down	Exhibitor Tear Down	Exhibitor Tear Down	Exhibitor Tear Down
10:00 ↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
11:00 LUNCH	LUNCH	LUNCH	LUNCH	↓	LUNCH	LUNCH	LUNCH	LUNCH	↓	↓	↓	↓	↓	↓	↓	↓
12:00 ↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
1:00 ↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
2:00 ↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
3:00 ↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
4:00 ↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
5:00 BREAK	BREAK	BREAK	BREAK	↓	END OF MEETING	END OF MEETING	END OF MEETING	END OF MEETING	END OF MEETING	END OF MEETING	END OF MEETING	END OF MEETING	END OF MEETING	END OF MEETING	END OF MEETING	END OF MEETING
6:00 Buffet Dinner	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
7:00 ↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
8:00 ↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
9:00 ↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
	# Inv. Spkrs (approx)	Total Time Avail. for Track	Time for Contrib Papers	IF NO BREAKS		IF AM/PM BREAKS										
TRACK				Max Num	Max Number	Contrib Papers	Contrib Papers									
APPLICATIONS	15	1480	880	44	36											
NEUROBIOLOGY	14	1360	800	40	33											
THEORY	10	1320	920	46	39											
Totals	39	4180	2600	130	108											
NOTE: Number of invited speakers is number of speakers invitations were sent to; most have not yet replied.																
NOTE: Theory track invited speakers assumes that 4 of the 14 speakers actually invited for track will talk in the Grossberg Session Wednesday AM																
NOTE: All times shown in minutes, with 40 min per invited speaker and 20 min per contributed paper.																
Maximum number of contributed papers will be adjusted as we have drop-outs from the number of invited speakers.																

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990 (office), 543-6061 (secretary),
543-2150 (main office), 776-8995 (home), 543-3842 (FAX);
marks@blake.acs.washington.edu*

May 31, 1989

Dr. Nicholas DeClaris
FAX (301) 328-8013

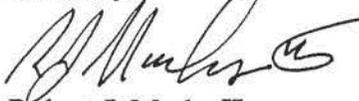
*91 Seattle
"should have
never"*

The following officers for the IJCNN in summer '90 in San Diego has been approved by a majority vote of the IEEE faction of the Oversight Committee:

- | | |
|--------------------|---|
| General Co-Chairs | Nicholas DeClaris, U. of Maryland
Dimitris Psaltis, Cal Tech |
| Program Co-Chairs | James Albus, NIS&T
Paul Werbos, NSF |
| Finance Chair | Lee Giles, AFOSR
Jean McCausland, Fairchild |
| Local Arrangements | To be determined. |

Please let me know immediately after the above conference officials have been contacted concerning this decision. I will then inform the members of the NNC. Also, please FAX to me a copy of the address and phone numbers of the conference officials.

Sincerely,



Robert J. Marks II
NNC Chairman pro tem

RJM:ew
cc: Bernard Widrow, INNS
Evangelia Tzanakou

There is a single page in this FAX transmission.

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marks@blake.acs.washington.edu*

5-30-89

Ms. Laura Jobmann
IEEE Conference Services
FAX# (201)-981-1686

Dear Laura,

I need your advice on a different matter.

We wish to hold a meeting in June of 1990 in San Diego. We have been having conferences coordinated by Ms. Nomi Feldman. There has been concern expressed that she is charging too much. I have no experience in these matters, and would appreciate your feedback on the matter. A Hotel contract arranged by Nomi is attached. Nomi has handled previous conferences.

Note, in particular, that the "conference rate" is \$130 per room per night. This seems a bit high. I called the hotel & their normal rate for a night's lodging is \$140. I understand that Nomi is receiving from the Mariott the discount normally given as a conference discount.

Questions:

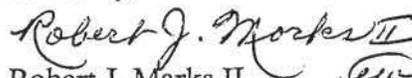
1. Do IEEE Societies normally use professional advocates in the bartering with hotels & those who arrange conferences. Would your office do this for a young IEEE organization with growing pains like ours?
2. What is your opinion about contacting a second conference arranger to book the hotel for the lower rates? Do you have any that IEEE recommends?

We need to have publicity generated for our June 18th meeting this year about the '90 conference.

Prof. Walter Karplus at UCLA is the Conference Chair. We will want to include him in this dialog.

Since you have left for the day, I will call you tomorrow (Thursday).

Sincerely,


Robert J. Marks II
IEEE NNC Chair pro tem

THERE ARE 16 PAGES IN THIS FAX MESSAGE

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

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marks@blake.acs.washington.edu*

Laura Johnson
IEEE Conference Services
FAX (201) 981-1686

Dear Laura:

Attached is a proposed conference contract that the IEEE Neural Networks Committee (NNC) is considering. If passed by the NNC, is there any reason this contract cannot be signed by me on behalf of the NNC?

Sincerely,

Handwritten signature of Robert J. Marks II in cursive script, with a small circular mark below the name.

Robert J. Marks II
NNC Chairman pro tem

RJM:ew
Att.

There are 6 pages to this FAX transmission including this one .

ORIGINAL No 1

TRIPARTITE AGREEMENT

This Agreement, is made by and between

International Neural Network Society, a California corporation having its main office at 860 Lathrop Drive, Stanford, CA 94305, USA, (hereinafter referred to as "INNS")

The Neural Network Committee of the Institute of Electrical and Electronics Engineers Inc. a New York corporation, having its main office at 345 East 47 Street, NEW YORK 10017-2394, USA (hereinafter referred to as "IEEE")

and **THOMSON-SA** a French corporation having its head office at 51 esplanade du Gal. De Gaulle, La Défense 10, PUTEAUX, FRANCE (hereinafter referred to as "TH-SA")

and is predicated upon all of the following assumptions, representations and expectations of the Parties:

Whereas INNS and IEEE have decided to hold an international conference, on neural networks (hereinafter designated as "Conference") in FRANCE, PARIS, five days during the summer of 1990,

Whereas INNS and IEEE acknowledge the TH-SA competence in the neural network field,

INNS and IEEE instruct TH-SA to organize this Conference and appoints TH-SA as sponsor, and TH-SA accepts. The Conference shall be called IJCNN-90-PARIS. (IJCNN is a designation of INNS and IEEE signifying International Joint Conference on Neural Networks)

Now, therefore, the Parties agree as follows:

ARTICLE 1: RESPECTIVE RIGHTS AND OBLIGATIONS

1.1) INNS and IEEE will participate in the Conference as cooperating societies in the following manner:

- a) INNS and IEEE undertake to advertise the Conference to their respective members through their publications, mailings (mailings to all the worldwide concerned members, from listing used for other IJCNN meetings, approximately 10 000 members) and by all means at their convenience, such as advertising at preceding conferences. Each Party (INNS and IEEE) will committ \$ 5 000 for the purpose. Brochures for the mailing will be furnished by TH-SA. Each advertising or annoucement about the Conference will mention "INNS and IEEE cooperating societies, sponsored by THOMSON-SA",
- b) Each party (INNS and IEEE) will commit \$ 10 000 corresponding to support travel costs for board members or other selected top scientists in the neural network field, 10 to be designated by INNS and 10 to be designated by IEEE, who will have to participate as invited speakers at the Conference. INNS and IEEE will undertake to obtain authorization from the invited speakers to publish their name and short CV's in all documents or advertising for the Conference. A tentative list with the names of the potential invited speakers will be communicated by INNS to TH-SA by June 15, 89. The definitive list of the invited speakers will be provided by the Program Committee no later than September 1, 89.

- c) INNS and IEEE won't organize any other large general manifestation (i.e. any scientific conference involving more than 500 persons) in the neural network field, during the year 1990 in Europe, without prior written consent of TH-SA. Specialized manifestations on focused topics and workshops are allowed without approval of TH-SA

- d) INNS and IEEE will provide a free booth for a TH-SA representative to advertise the Conference at each Washington IJCNN conference, in June 89 and January 90.

1.2) TH-SA will participate in the Conference as the sponsor in the following manner:

- a) TH-SA will mention "INNS and IEEE cooperating societies, sponsored by THOMSON-SA", in each advertising or public information piece about the Conference.

- b) TH-SA will entrust the material organization of the Conference, to a conference management company, which will bear all consequent costs. The organization will:

- . conceive, print and send the program and other documents
- . rent, during the Conference period, all necessary spaces, conference rooms, and booths
- . make public announcements
- . plan a cocktail reception
- . receive attendees's conference fees and keep account
- . provide space for exhibitors at the Conference and receive their fees,
- . publish a Conference Proceedings of the accepted papers or abstracts;

All these actions are listed and planned in the Annex of the current Agreement

All the personal accomodations (hotels, meals, local arrangements ...) will be the responsibility of the invited people, including the speakers.

- c) TH-SA will commit \$ 50 000 corresponding to support travel costs for 50 non-French scientists, whose submitted papers were accepted by the Program Committee for oral presentation or as posters. Preference will be given to young authors. TH-SA will choose the recipients, and inform INNS and IEEE of the recipients.

- d) In accordance with INNS practice, registration fees for student attendees will be one third that of professional people.

1.3) Concerning the conference management company, the Parties (INNS, IEEE and TH-SA) have examined the project submitted by Z- Net (a California company with agent in Paris) and have decided to entrust the organization of the Conference to Z-Net, following the terms defined in b) above. A contract between TH-SA and Z-Net will precise the conditions of this organization.

1.4) Whereas that the management company designed above will bear the majority of the costs, they will have the right to seek other qualified sponsor for the Conference, subject to a prior written agreement of INNS, IEEE and TH-SA.

1.5) The official language of the Conference should be English.

1.6) In fulfilling its obligations under this Agreement, each Party shall be acting as an independent contractor.

1.7) Each Party agrees that all publications or presentations, including the Technical Program shall be reviewed and approved by the Program Committee before April, 1, 1990. Passed this date, TH-SA retains the right to refuse to print any documents.

1.8) Neither this Agreement, nor any rights of either party hereunder may be assigned or transferred in any way by either party without the prior written consent of the others.

ARTICLE 2: RESPONSIBLES

Three committees will be designated to ensure the efficiency of the Conference.

A Program Committee will be formed before June 15 1989, which will be in charge of centralizing and validating all documents, presentations (orals and posters), and the technical program.

The Program Committee shall be comprised of nine people, three groups, of equal numbers selected by INNS, IEEE, and TH-SA. The Chair will be appointed by IEEE or INNS.

A Finance Committee will be formed before December 31, 1989, which will be in charge of auditing all Conference consequent costs at its term.

The Finance Committee shall have three members, chosen by three Parties. The Chair will be a person of TH-SA.

The IJCNN-90-PARIS Oversight Committee, which will be in charge of supervising all actions, and controlling the performance of the Conference.

It shall be comprised of the 10-person IEEE/INNS IJCNN Oversight Committee, plus 5 persons selected by TH-SA.

The General Co-Chairs shall be Bernard Widrow of INNS, and Bernard Angeniol of TH-SA.

ARTICLE 3: FINANCIAL

3.1) In accordance with the terms of the paragraph 1.1.b) each INNS and IEEE will committ \$ 10.000

3.2) In accordance with the terms of the paragraph 1.2.c) TH-SA will committ \$ 50.000 plus its financial participation as sponsor.

3.3) In case of profit, TH-SA will undertake, within two months following the end of the Conference, to allocate 14% of the profit to INNS, and 14% of the profit to IEEE, with a maximum allocation of \$ 15 000 to INNS and \$ 15 000 for IEEE.

Profit is the difference between incomes (such as registration fees, tutorial fees, exhibitors fees, sales of proceedings) and expenses (such as publication of proceedings, conference space costs, booths, advertising, mailings other than paragraph 1.1.a, conference management, cocktail reception etc).

Any others financial sponsoring, obtained by the conference management company according to the terms of the paragraph 1.4., won't be considered as income, and travel costs advanced by the Parties won't be considered either as income or as expenses.

The conference management company, will maintain separate bank accounts for the Conference and will maintain financial records so that they may be audited by IEEE, INNS and TH-SA.

3.4) In case of deficit, the INNS, IEEE and TH-SA allocations will be lost.

ARTICLE 4 : FUNDING SCHEDULE

The INNS and IEEE financial participation, according to the terms of the paragraph 1.1.b), will be paid on January 1, 1990.

ARTICLE 5 : TERM OF AGREEMENT

This Agreement shall commence on the date of its signature by Parties (INNS, IEEE and TH-SA), and shall terminate at the latest, two months from the end of the Conference, except the terms of the paragraph 1.1 c), which will survive beyond the term of this Agreement.

ARTICLE 6 : DATE OF THE CONFERENCE

The duration of the Conference is fixed for 5 days, foreseen from July 9 to 13, 1990.

ARTICLE 7 : ALTERATION

This Agreement cannot be altered, changed, supplemented or amended, except by written instrument, or instrument signed by Parties.

ARTICLE 8 : FORCE MAJEURE

None of the Parties will be liable for any delay or failure to perform, caused by act of the enemy, acts or regulations or decrees of any Government (de facto or de jure), the elements, act of God, earthquakes, floods, fires, riots, war, shipwreck, strikes, terrorism acts, freight embargoes, lockouts, work stoppages, unusually severe weather or other similar causes above and beyond the reasonable control of such Party; provided that such Party so affected shall give prompt notice to the other Parties, use its good faith efforts to avoid or remove such causes and continue performance hereunder with the utmost dispatch whenever such causes are removed or settled.

ARTICLE 9 : CORRESPONDENTS

All written notices and other communications shall be sent to the following correspondents:

For INNS: Professor Bernard Widrow (for all administration communications)
Durand Building, Room 139
Stanford University
Stanford, CA, U.S.A 94305-4055
Tel: 415-723-4949 Fax: 415-723-8473

For IEEE: Professor Robert J. Marks II
Department of Electrical Engineering
University of Washington
Mail Stop ST 10
Seattle, WA, U.S.A 98195
Tel: 206-543-6990 Fax: 206-543-3842

For TH-SA: Dr. B. ANGENIOL
THOMSON-CSF/DSE
BP 150
92223 BAGNEUX Cedex- France
Tel: 40-84-42-39 Fax: 40-84-46-96

ARTICLE 10 : APPLICABLE LAW

The Parties agree that the French laws shall govern this Agreement and the performance hereunder.
Any invalidity, in whole or in part, of any provision of the Agreement shall not effect the validity of any other of its provisions.

All disputes arising out or in connection with this Agreement including its validity, interpretation, application, performance, termination or otherwise shall be settled by arbitration, according to the rules of conciliation and arbitration of the International Chamber of Commerce in PARIS, France.

ARTICLE 11 : GENERAL

11.1) The headings of the articles, used in this Agreement are included for convenience only and are not to be used in construing or interpreting this Agreement

11.2) The failure of either Party to insist, in any one or more instances, upon performance of any of the terms, covenants or conditions of this Agreement or to exercise any right hereunder, shall not be construed as a waiver or relinquishment of the future performance of any such term, covenant or condition or the exercise of such right, and the obligation of the other Party with respect to such future performance shall continue in full force and effect.

IN WITNESS WHEREOF, the Parties hereto have caused this Agreement to be executed on the respective dates written below, in duplicate by their respective officers thereunto duly authorized.

INNS

IEEE

TH-SA

By B. Widrow

By R.J Marks II

By E. Spitz

Date.....

Date.....

Date.....

Shuttle

to of charleston

→ Morgantown

11:20 pm →

Did you wish

return?

One Way?

W

UNCS

→

MEMO

Date 6/13 Time _____

To Bab

From Prof Widrow's sec (6)

Phone _____

Please call Will call again Returned your call

Message:

So far (6)

A: DRIVE

Total
16
~~12 total~~

ouldin
be
to dinner

Call received by _____

Bab

Eddie,
Don Bouldin
will not be
coming to dinner
- Bob -

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990, 543-6061 or 543-2150
FAX: (206) 543-3842; marks@blake.acs.washington.edu*

June 30, 1989

Professor Evangelia Tzanakou
NNC Secretary
Rutgers University
Biomedical Engineering
P. O. Box 909
Piscataway, NJ 08854

Dear Evangelia:

Enclosed is a floppy with a bunch of stuff on it. Each has been formatted three ways:

(Title).DOC== Using Microsoft Word

(Title)-a.DOC== in ASCI

(Title).GEN== in ASCI

One, hopefully, should work.

Sincerely,

A handwritten signature in black ink, appearing to read "Bob", with a horizontal line through it and short dashes at both ends.

Robert J. Marks II
NNC Chairman

RJM:ew
Enc.

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON

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FAX: (206) 543-3842; marks@blake.acs.washington.edu*

June 30, 1989

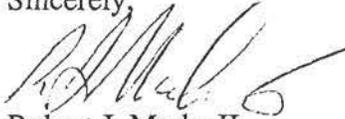
Dr. Charles M. Puckette, IV, Manager
Communication Technology and System Branch
General Electric Company
P. O. Box 8
Schenectady, NY 12301

Dear Dr. Puckette:

Welcome to the IEEE Neural Networks Committee (NNC). I have enclosed a copy of our Charter and Constitution for your perusal.

The next meeting of the NNC will be at the NIPS meeting in Denver. I will be sending you more information later.

Sincerely,



Robert J. Marks II
NNC Chair

RJM:ew
Encs.

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CONSTITUTION AND BYLAWS
FOR THE IEEE COUNCIL ON NEURAL NETWORKS

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CONSTITUTION

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PROPOSED CONSTITUTION FOR THE
IEEE COUNCIL ON NEURAL NETWORKS

ARTICLE I

NAME AND OBJECTIVES

Section 1. The name of the organization constituted herein shall be the IEEE Council on Neural Networks (NN).

Section 2. The purpose of the Council is to advance and coordinate work in the field of Neural Networks carried out throughout the IEEE and as such is exclusively scientific, literary and educational in character. In furtherance of the foregoing, the Council may publish appropriate periodicals, sponsor IEEE Neural Networks related conferences and conference sessions, sponsor IEEE Press publications, and engage in any other activity within its field of interest. All such actions must be in consonance with the Constitution, Bylaws, and Statements of Policy of the IEEE, with special attention to such aims within the field of interest of the Council as are hereinafter defined.

ARTICLE II

FIELD OF INTEREST

Section 1. The field of interest of the Council and its activities and programs shall consist of aspects of the theory, design, and applications of neural networks that range from software to hardware. It shall include the following aspects and applications of neural networks: adaptive systems, biological systems, self-organizing systems, network dynamics, network architectures, learning algorithms, associative memories, image processing, vision, speech recognition, robotics and controls, novel applications, combinatorial optimization, photonic implementation, and electronic implementation. Changes to the field of interest may be made with approval of the IEEE Technical Activities Board and its Operating Committee.

ARTICLE III

MEMBERSHIP OF THE COUNCIL

Section 1. The Council shall be composed of IEEE Societies which have demonstrated a strong interest in Neural Networks and are supporting technical activities in the field. These Societies must agree to share the responsibility for all obligations, of the Council, including financial in accordance with this Constitution and the Council Bylaws.

Section 2. Each new Member Society must be approved by a two-thirds affirmative vote of the voting members of the Council AdCom, and by the IEEE Technical Activities Board before it may join the Council.

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Section 3. If a Member Society does not have any representative present at any of the Council AdCom meetings held during a calendar year and is inactive in Council affairs, the Member Society may be dropped from Council membership. Notice of such proposed action shall be given to the President of the delinquent Society at least twenty days before the Council AdCom meeting where such action will be considered. Such action must be approved by two-thirds of the AdCom members present and voting and by the Operating Committee of the IEEE Technical Activities Board before it becomes final.

Section 4. The officers of the Council shall be as follows: President, Vice-President, Secretary, and Treasurer. (Note: Refer to Article IV Section 1 for definition of Vice-President).

Section 5. Council business will be conducted by its AdCom which will include both voting and non-voting members. The voting members will be:

- a. Two representatives to be appointed by each Member Society.
- b. The President, Vice-President, the Secretary, and the Treasurer (or if combined, the Secretary/Treasurer).
- c. The most recent available immediate past President of the Council.
- d. The Chairperson of the Meetings Committee and the Chairperson of the Publications Committee.

An individual may not serve concurrently as both a Council officer and a Council Member Society representative. When a Member Society representative is elected to a Council office, the Council office shall take precedence over the Society appointment, and any resulting vacancy(s) shall be filled promptly by the appropriate Society.

Section 6. Each representative and officer on the Council must be an IEEE member.

Section 7. The term of office of a Member Society representative on the Council shall be two years with each of the two Society representatives appointed by the Society in alternate years. No Society representative shall be eligible to serve more than four consecutive years. An unexpired term filled for more than six months shall count as a full year. Reappointment after the completion of any term of four consecutive years may be made only after a lapse of at least one year.

Section 8. When a within-term Council representative vacancy occurs, the Council President shall request the appropriate Society to appoint a representative to complete the unexpired term.

Section 9. The non-voting ex-officio members of the Council AdCom will be:

- a. The Director of the Division in which the Council resides.
- b. The TAB Staff Secretary.
- c. The General Manager of IEEE.
- d. The IEEE Vice-President for Technical Activities.

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Section 10. Except for those AdCom meetings specifically designated as closed, any other IEEE Society which is not a member of the Council may send a non-voting liaison representative to attend for the purpose of establishing lines of communication between the Council and the parent Society represented.

ARTICLE IV

ELECTION AND APPOINTMENT OF OFFICERS

Section 1. Every year, the voting members of the Council AdCom shall elect a Vice-President at the Annual Meeting. The Vice-President shall serve for one year, and will become Council President on January 1st to serve a 1-year term in that capacity.

Section 2. Officers shall be elected and appointed in accordance with the rules specified in the Council Bylaws.

Section 3. If the Office of President becomes vacant, the Vice-President shall become President for the remainder of the term assumed. If the office of Vice President becomes vacant, the voting members of the Council AdCom shall elect a new Vice-President promptly.

ARTICLE V

POWERS, PRIVILEGES, AND DUTIES

Section 1. It shall be the duty of each representative of a Member Society to participate in matters before the Council AdCom and to keep the Administrative Committee of the Society represented informed concerning Council business. Members of any Member Society AdCom may attend any open meeting of the Council as observers.

Section 2. The duties and responsibilities of the officers and members of the Council AdCom shall be as defined hereunder and in the Bylaws, and as further delineated by the Council.

Section 3. The Vice-President shall appoint for a term concurrent with his presidency, the Council Secretary and Treasurer, as well as Editors of Council's Periodicals, the Chairperson of the Publications Committee and the Chairperson of the Meetings Committee on or before January 1st of the year in which he takes office as President. All appointments shall be made with the advice and consent of the Council AdCom. The Secretary, Treasurer, Editors, and Chairperson appointments need not be made from among the individuals who are on the Council AdCom as Society representatives; but if such selections seem to be in the best interest of the Council, the resulting vacancies must be filled promptly in accordance with Article III, Section 5.

Section 4. The Council President, under the direction of Council AdCom, shall call all regular, annual, and special Council AdCom meetings and shall preside over them. The President shall coordinate and supervise activities of the Council and have such other powers and perform such other duties as may be provided for in the Council Constitution or Bylaws or as may be delegated to the President by vote of the Council AdCom. Included in the President's duties shall be the responsibility to see that the orders and resolutions of the Council, the IEEE Technical Activities Board, the IEEE Executive Committee, and the IEEE Board of Directors are carried out. The President shall be an ex-officio member of all standing and special committees of the Council except the Nominating Committee, and may vote at Council meetings if necessary to break a tie and during the election of officers.

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The President shall also be an ex-officio member of the IEEE Technical Activities Board, and, when notified of a meeting of said Board, shall ensure representation of the Council.

Section 5. Standing committees may be established as needed. With the advice and consent of the Council AdCom, the President shall appoint committee officers (and members, if such action is not specifically delegated in the establishment action of the Council) and shall fill any vacancies that occur during the year.

Individuals appointed as committee officers or members shall serve a nominal term of one year but shall continue to serve until their successors are appointed or the committee is dissolved, except where other terms are specifically designated by the Constitution or Bylaws.

The President may appoint ad hoc committees for special assignments as needed.

Section 6. The Vice-President shall assist the President in fulfilling all assigned duties, and shall assume the duties and have the power, privileges, and responsibilities of the President during the latter's absence or incapacity.

Section 7. The Secretary shall be responsible for all reports, petitions and records concerning the Council, keeping true and faithful minutes of all meetings of the Council AdCom, and shall prepare such reports as may be required by the Council, the IEEE Technical Activities Board, or the IEEE Executive Committee. The Secretary shall send out notices when instructed to do so by the President or in accordance with requirements of the Council Constitution or Bylaws. Copies of all meeting notices, minutes of meetings, and letter or bulletins sent and received during the previous two years shall be kept by the Secretary, except for those specifically assigned to the custody of others, and the Secretary shall send current copies to IEEE Headquarters for archival storage.

In the absence or incapacity of the President and Vice-President, the Secretary shall perform the duties of the President and have all Presidential powers, privileges, and responsibilities during the absence or incapacity of the President and Vice-President.

Section 8. The Treasurer shall propose a budget for Council operation to be endorsed by Council AdCom and approved by TAB Operating Committee and shall monitor expenditures to verify that they are in accordance with the approved budget. The Treasurer shall prepare financial reports as requested by the Council President, and shall keep the Treasurers of the Member Societies informed on Council financial matters affecting their budgets. The Council Treasurer shall approve the Conference budgets after they are approved by the Meetings Committee prior to being forwarded to IEEE Headquarters for review and final approval.

The Treasurer may utilize the services of IEEE headquarters as bursar for all or part of the Council funds, as provided by the IEEE Bylaws and Statements of Policy. If any parts of the Council funds is received and deposited separately, the terms and conditions shall be in accordance with IEEE policies and subject to Council Bylaws and any other limitations imposed by the Council. Disbursements shall be made on the signature or instructions of the Treasurer. If the Treasurer is disabled or unable to serve, the President may make disbursements during his incapacity.

Section 9. The President, elected and appointed officers shall normally assume office on January 1st or as soon thereafter as practicable.

Section 10. The officially constituted officers of the Council shall have the sole authority to obligate the funds and assets of the Council to promote the Council's activities, provided that no Council officer or representative shall have authority to contract debts for, pledge the credit of, or in any way bind the IEEE for activities prohibited by the Bylaws of the IEEE, the Constitution and Bylaws of the Council, or by regulations published in the Technical Activities Manual.

Section 11. No officer of the Council, representative on Council AdCom, or Editor shall receive, directly or indirectly, any honorarium, traveling expenses, compensation, or emolument from the Council as an officer or in any other capacity unless authorized by Council AdCom or by the Bylaws of the Council in a manner in conformity with IEEE policies and procedures.

ARTICLE VI

FINANCIAL SUPPORT & EXPENDITURES

Section 1. The financial support for the Council shall be derived from subscription sales of Council Publications, any surplus from the Conferences organized or sponsored by the Council, other programs and products sponsored by the Council, and allocations of funds provided by the Member Societies.

Section 2. The Council may raise revenues by other means provided such means are consistent with applicable IEEE rules and regulations and are within the approved Council field of interest. The Council must receive an opinion from the General Manager of the IEEE that any revenue means not explicitly covered by IEEE Statements of Policy does not conflict with IEEE policy before being adopted by the Council.

Section 3. Monies held by or for the Council legally belong to the IEEE, and shall not be expended for activities prohibited by the Constitution, By-Laws and Statements of Policy of the Institute, the Constitution and By-Laws of the Council, by regulations published in the IEEE Technical Activities Board Manual, or any other purposes known to be inimical to the interests of the IEEE. Returns from investment of Council funds shall be credited to the Council.

ARTICLE VII

COUNCIL MEETINGS

Section 1. The Council shall hold an Annual Meeting. Additional meetings of the Council, represented by its AdCom, may be held at such times as are found necessary or convenient. Meetings of the Council AdCom may be called at the discretion of the Council President or upon request by at least four AdCom members. The time, place and agenda shall be announced to all members of the Council AdCom at least twenty days in advance of the meeting, or by first-class mail to the address of record of each Council AdCom Member at least twenty-five days in advance of the meeting.

Section 2. The Annual meeting of the Council shall normally be the last AdCom meeting of the year held at a time and place designated by the President.

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Section 3. One-third of the voting members of the Council AdCom, which must include representatives from at least one-third of the Member Societies, shall constitute a quorum. Written proxies will not be accepted in determining the quorum. The Chairperson of the Publications Committee, and the Chairperson of the Meetings Committee, the Secretary, and the Treasurer shall be ex-officio members of the Council with a vote on all matters except election of officers and changes to the Constitution and By-Laws. If the offices of Secretary and Treasurer are combined, there shall be one vote by the officer.

Section 4. If a regular representative from a Member Society is unable to attend a meeting of the Council AdCom, the President of the Member Society may designate an alternate by a letter of proxy, who shall have all the powers of the regular representative. Officers of the Council may not delegate their powers by proxy.

Section 5. Business of the Council may be transaction by correspondence, or other telecommunication means where in the opinion of the President matters requiring action can be adequately handled in that manner. All such business must be confirmed promptly in writing. All voting members of the Council should be informed on such interim actions, and a majority of the entire Council must be reached for ratification of the actions, if balloting is necessary, unless otherwise provided by the Constitution of By-Laws.

Section 6. If less than a quorum is in attendance at duly called meetings, tentative actions may be taken that will become effective upon subsequent ratification, either at a subsequent meeting or by mail, as specified in Section 5 above.

ARTICLE VIII

PUBLICATIONS

Section 1. All Council publication activities shall be subject to IEEE policies, and to any further guidance or controls prescribed by the Council AdCom or its duly appointed committees.

Section 2. The Council may publish appropriate Periodicals in accordance with IEEE Policies and Procedures. Selection of the published material shall be in accordance with the objectives and policies of IEEE and the Council.

Section 3. The Council President, with the advice and consent of the Council AdCom, shall appoint the Editors who shall in turn appoint associate and/or guest editors as may be required to implement the publications program.

ARTICLE IX

CONFERENCE AND TECHNICAL MEETINGS

Section 1. All Council conferences and technical meeting activities shall be subject to IEEE policies, and to any further guidance or controls prescribed by the Council or its duly-appointed committees.

Section 2. The Council shall determine the time and location of each sponsored Conference and technical meeting.

ARTICLE X

RECALL

Section 1. If at any time during the year and for any reason the best interests of the Council seem to require a change in Member Society representatives or officers, the matter shall be discussed at a regular or a special meeting of the Council AdCom called for the purpose of considering and voting upon the recommended change. At least twenty days before the Council AdCom meeting, notice of such proposed action shall be given to all appropriately interested individuals, including the President and Secretary of each Member Society involved and the Chairman and Secretary of the IEEE Technical Activities Board.

Section 2. An affirmative vote of two-thirds of the voting members of the Council AdCom shall be necessary to declare a vacancy for cause.

For the purposes of this Section, an abstention shall be counted as a cast negative vote.

ARTICLE XI

AMENDMENTS

Section 1. Sections of this Constitution may be adopted or amended by action of the Council at a regular or special meeting if the following provisions are met:

- a. Notice of the meeting and of the proposed change(s) must be mailed by first-class mail to the last-known address of each member of the Council AdCom at least twenty-five days prior to such meeting.
- b. A two-thirds affirmative vote of the votes cast by the members of the Council AdCom is required for passage.
- c. An amendment may be approved by a mail ballot if at least a thirty-day period is provided for responses, and two-thirds of the entire Council AdCom votes affirmatively.
- d. The Amendment shall become effective immediately after ratification by the IEEE Technical Activities Board and its Operating Committee.

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Section 2. By-Laws to this Constitution may be adopted or amended by a majority affirmative vote of the votes cast by the Council AdCom at a regular or special meeting, provided that notice of the meeting and a copy of the proposed change(s) is mailed by first-class mail to the last known address of each member of the Council AdCom at least twenty-five days prior to such meeting.

A By-Law may also be adopted or amended by a mail ballot provided that a copy of the proposed change(s) is mailed to the last known address of each member of Council AdCom, at least thirty days are allowed for a reply, and a majority of the entire Council AdCom votes affirmatively.

The new By-Law or Amendment shall be filed with the Secretary of the IEEE Technical Activities Board at least twenty days prior to the effective date.

Section 3. The Constitution, By-Laws, and Statements of Policy of the IEEE shall, at all times, take precedence over those of the Council.

Section 4. All amendments to the Constitution or By-Laws shall become effective immediately after all required approvals have been obtained, unless a later date has been specified at the time of the vote.

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Constitution Adopted: _____

To Be Effective: _____

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BYLAWS

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PROPOSED BYLAWS FOR THE
IEEE COUNCIL ON NEURAL NETWORKS

These By-Laws provide detailed guidance for the supervision and management of Council affairs, in accordance with the Council Constitution. Amendments or additions may be made by means of the procedures described in Article XI, Section 2, of the Constitution.

ARTICLE I

RULES OF ORDER

Section 1. In all matters not covered by the Constitution, By-Laws, and Rules, the Council shall be governed by the latest edition of Robert's Rules of Order.

ARTICLE II

MEMBER SOCIETIES

Section 1. The Member Societies of the Council shall be those formally admitted by the IEEE Technical Activities Board in accordance with the Council Constitution. A current listing of Member Societies will be maintained by the TAB Secretary at IEEE Headquarters.

Section 2. Any Member Society unwilling or unable to continue to share responsibilities as defined in the Council Constitution may resign from the Council. When a letter of resignation has been received by the Council Secretary, the resigning Society shall be dropped from the Council roll at the end of the calendar year. Any former Member Society may later rejoin, without prejudice, on the same basis as any new applicant.

ARTICLE III

NOMINATIONS, ELECTIONS, AND APPOINTMENTS

Section 1. The Nominating Committee, which is a Standing Committee of the Council, shall consist of a Chairperson and three other members. At least one shall not be a current Council member but shall belong to at least one Member Society. The officers of the Council may not serve on the Nominating Committee nor be members ex-officio.

Section 2. The Chairperson of the Nominating Committee shall consult with each candidate prior to nomination to determine willingness to serve if elected.

Section 3. The Nominating Committee shall be guided in its selections by the principles of efficiency, geographical distribution, past history, and technical interest.

Section 4. The Chairperson of the Nominating Committee shall submit the Committee Report to the Council AdCom at the beginning of its Annual Meeting, or with the approval of the Council President, by letter to all qualified voting officers and representatives on the Council AdCom prior to the Annual Meeting. From the floor of the same meeting or by letters mailed to the entire Council AdCom, the officers and representatives may make additional nominations.

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Section 5. The names of any candidates of the Council who are not eligible under the Constitution or By-Laws shall be withdrawn by the President of the Council.

Section 6. Election of the Vice-President, whenever a vacancy exists, shall be from those nominates as specified in these By-Laws, Article III, Sections 2, 3, 4, and 5. Elections shall be by secret ballot of the voting members of the Council AdCom. For the first year of operation of the Council, the President and Vice-President must be elected by secret ballot directly by the Council AdCom. Nominations must be made by the voting AdCom members.

Section 7. If any Council office becomes vacant at any time during the year, and if the vacant office cannot be filled by logical succession of an existing Council officer as described in the Constitution and By-Laws, the Council will promptly hold an election to fill the existing vacancy. As needed, elections shall be held separately for the offices of President, Vice-President in that order. To be elected, a nominee must receive a majority of the proper votes cast. If no candidate receives a majority on a ballot, the name of the candidate receiving the smallest vote shall be withdrawn and a second ballot taken. This procedure shall be repeated until one candidate receives a majority vote.

The Council AdCom may hold contingent elections to be effective if an elected officer fails to accept office, is disapproved by IEEE Headquarters because there has been some irregularity in the nominations and election procedures, or has failed to maintain IEEE membership and Society membership.

Section 8. The President of the Council shall inform each successful candidate of his election and shall arrange for the transfer of responsibility. The name of each elected officer shall be reported to the Chairman and Secretary of the IEEE Technical Activities Board.

ARTICLE IV

STANDING COMMITTEES

Section 1. The Standing Committees shall include the following:

Meetings Committee
Publications Committee
Nominating Committee
Constitution and By-Laws Committee

Section 2. The Council may establish such additional Standing Committees as may be deemed desirable.

Section 3. Each Standing Committee shall have the power to create subcommittees of its own selection.

Section 4. The organization of each Conference or Technical Meeting sponsored by the Council shall include a Steering Committee and a Program Committee whose Chairperson shall be appointed by the President upon the recommendation of the Meetings Committee and with the advice and consent of the Council AdCom. The individual members of the respective committees should be appointed by the above officials. The Meetings Committee, with approval of the Council, may plan, organize and sponsor other activities held in conjunction with Conferences of other societies.

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Section 5. The Publications Committee shall establish publication policy subject to annual review by the Council. It shall assist the appropriate Editors of Council Periodicals in the choice of special topics and in guiding and planning all Publications.

Editors may designate associate editors, special guest editors, and manuscript reviewers, doing so in accordance with general IEEE statements of Policy.

Editorial expenses must be in accordance with an annual budget approved by the Council. Editors may authorize publication expenses, but shall be responsible for adherence to the publication budget.

Section 6. The Nominating Committee shall be appointed by the President of the Council in accordance with the provisions of the Constitution and Article III, Section 1, of these By-Laws. It shall have the duties described in Article III, Sections 1, 2, 3, 4, of these By-Laws. The Chairperson of the Nominating Committee shall be the past president of the Council.

Section 7. The Secretary of the Council shall serve as the Chairperson of the Constitution and By-Laws Committee. Additional members may be appointed by the President upon request of the Council's AdCom.

The functions of the Constitution and By-Laws Committee will be to:

- a. Maintain up-to-date copies of the Constitution and By-Laws and make them available upon request.
- b. Ascertain that the Constitution and By-Laws are not in conflict with any requirements or rules of IEEE Headquarters.
- c. Recommend changes in the Constitution or By-Laws as necessary to conform to the development of the Council or to changes by IEEE Headquarters.
- d. The Chairperson of the Constitution and By-Laws Committee shall serve as Parliamentarian and Consultant on Procedural matters at meetings of the Council AdCom.

ARTICLE V

FINANCES

Section 1. The Treasurer shall submit a proposed Council budget for the ensuing year in accordance with IEEE budget development guidelines. When approved by the Council and the TAB OpCom, this budget shall become the working budget for the following year. This approved budget will constitute authorization to the Treasurer to disburse the funds in amounts not to exceed any budgeted item.

The Treasurer shall be responsible for forwarding to IEEE Headquarters the approved budget, and Headquarters will be thereby authorized to disburse the funds in accordance with instructions from the Treasurer.

The Treasurer shall obtain a financial statement of receipts, expenditures, and balances from IEEE Headquarters at least twice yearly and shall distribute copies of this statement to all members of the Council AdCom. He shall also keep a running account of commitments to date.

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Section 2. The financial support for the Council shall be derived from the income from sales of the Council Periodicals, Books and IEEE Press publications, and from its share of any surplus from the Council sponsored Conferences. The Periodicals subscription prices to members of the Council Member Societies shall be set to be no less than self-sustaining.

When a Council Periodical becomes available, then as soon as feasible after September 30th of each calendar year, the subscription list of the Council's Publications shall be tabulated by IEEE Headquarters, broken down by Council Member Societies. An individual who belongs to more than one Council Society will be counted in each for the purpose of the following calculations.

Section 3. In the event of a distribution of surplus, or payment of a deficit, each Council Member Society shall receive or pay an equal share. However, after the second year of publication of the Council Periodical, another method of distribution or payment shall prevail as explained in the following Section 4.

Section 4. In the event of a distribution of surplus, or payment of a deficit, each Council Member Society shall receive or pay a share according to the ratio of the number of its members who subscribe to the Periodicals to the total number of subscribing members in the Council. For the purpose of determining this ratio, an individual who belongs to more than one Council Member Society shall be counted in each one. Any surplus from the Council sponsored Conferences that has been distributed to the Council may be used for operating expenses, but no other assessment may be made on the Conferences.

Section 5. The Treasurer of Council sponsored Conferences is authorized to open an account in the Conference's name, to be used for the deposit and disbursement of funds related to the Conference. The Council shall be advised of the name of the bank, the anticipated size of the account, the names of the account, signatories and of arrangements for insurance and bonding, all of which must be in accordance with IEEE policies and procedures.

ARTICLE VI

COUNCIL MEETINGS

Section 1. The Secretary shall announce to the members of the Council AdCom all Chairpersons of Standing and Special Committees and appropriate guests of the time, place, and agenda of all meetings of the Council AdCom at least twenty days in advance of the meeting or by first class mail at least twenty-five days in advance of the meeting.

Section 2. A roll call shall be made at the beginning of each Council AdCom meeting. The Secretary shall record the names of those present and announce whether a quorum exists.

Section 3. The Secretary shall transmit in writing within ten days of their adoption all motions, directives, or orders of the Council to the persons affected. He shall transmit a copy of the minutes of the Council AdCom to the officers, members of the Council AdCom, Chairpersons of the Standing and Special Committees, and to the Secretary of the IEEE Technical Activities Board Operating Committee within thirty days of the meeting. As soon after January 1st as practicable, he shall provide a directory listing the names and address of all of the above-mentioned people to each person named therein.

Section 4. The Chairpersons of all Standing Committees who are not voting members of AdCom shall be invited to attend all meetings of the Council AdCom as guests and advisors.

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Section 5. Meetings of the Council AdCom may be cancelled only by consent of a majority of all the members of the Council not less than fourteen days before the original date or the new date set for the meeting, whichever is earlier. Notice of such cancellation or changed date shall be given all Council AdCom members by mail not less than ten days before the original or the new date, whichever is earlier.

Section 6. Meetings of the Council AdCom may be held at international or regional technical meetings or conventions of the IEEE, jointly with a Section, separately, or jointly with another society, whenever such a meeting is deemed desirable by the Council.

By-Laws adopted _____ to be effective _____

Charter of the IEEE Neural Networks Committee (NNC)

Agreement Among the Participating Societies Regarding IEEE Activities in Neural Networks.

SCOPE

The IEEE Neural Networks Committee is a committee of the IEEE Technical Activities Board consisting of IEEE Societies whose purpose is to coordinate technical activities in the interdisciplinary area of Neural Networks and provide the focus for cooperative efforts among TAB entities. The following Societies shall jointly sponsor the IEEE Neural Networks Committee, hereafter referred to as the Committee or NNC:

- Acoustics, Speech, and Signal Processing Society
- Circuits and Systems Society
- Communications Society
- Computer Society
- Control Systems Society
- Engineering in Medicine and Biology Society
- Industrial Electronics Society
- Information Theory Group
- Laser and Electro-Optics Society
- Systems, Man, and Cybernetics Society

The IEEE Neural Networks Committee shall act to foster activities in the area of Neural Networks by forming technical subcommittees, task forces, interest groups, and sponsoring technical workshops, symposia and international conferences. The NNC shall represent the IEEE Technical Activities Board in matters relating to Neural Networks.

THE COMMITTEE

The membership of the NNC shall consist of two delegates from each of the sponsoring Societies. These delegates must be appointed by their respective Societies for two-year staggered terms, and may be reappointed. Each sponsoring organization shall have one equal vote on matters before the NNC.

The committee shall elect biennially a Chairman from among its current membership. The Chairman shall serve as focus for all communications and shall direct, on behalf of

the NNC, the operational matters of the committee. For the duration of the office of Chairman, that individual will not be considered to be a representative of his/her respective Society, therefore able to represent more freely the overall objectives of the NNC. The Chairman's Society will be represented by the other delegate only. On a biennial basis, the NNC shall also elect a Secretary and a Treasurer. In addition to the usual duties regarding minutes, reports, records, etc., the Secretary shall serve as Chairman pro tem in the absence of the Chairman. When the election to office of a Committee member requires an extension of the member's term of appointment by the sponsoring Society, it is expected that such an extension will take place. This extension will be for either one or two years as necessary, to maintain the staggered appointment with the other delegate.

IMPLEMENTATION

This agreement shall be acted upon by the President of each sponsoring Society on behalf of the respective Administrative Committee or Board of Governors. Should any choose not to participate in this agreement, it is understood that their allocated positions on the NNC AdCom and their participation in sponsoring or funding of its activities shall be voided. The letter will be a binding agreement upon the parties when approved by their respective administrative committees and approved by the appropriate IEEE board(s). The original of this letter and of signed letters of transmittal indicating sponsorship agreement from the respective IEEE Societies will become a part of TAB records.

Once the NNC has been established, other IEEE Societies can petition to become members of the Committee. Such Societies must demonstrate that they have been active in the area of Neural Networks in the last two years. A two thirds majority vote is required by the NNC for admission of new members.

A Society can indicate its intent to withdraw from the NNC at any time. However, the withdrawing Society shall continue to be financially responsible for its share of future NNC activities which have been approved by the NNC prior to the date of withdrawal. If a Society withdraws from the NNC, its share in future NNC activities is divided equally among the remaining members.

FINANCIAL MATTERS

All member Societies share equally in the financial responsibilities of the NNC. Budgets requiring NNC approval shall be submitted to the sponsoring Societies at least sixty days in advance of the NNC vote, so that the sponsoring Societies can instruct their representatives accordingly. Budgets will be approved by majority vote of the committee.

The NNC shall be authorized to establish a reserve fund from which it can maintain its own operations. The fund shall be used to make cash advances to conferences sponsored by the NNC and to support the operating expenses of the Committee. The level of this reserve shall be 50% of the approved operating budget (including conference commitments) for the last year's operations. All monies above this level will be

distributed to the sponsoring Societies on an equal basis at the close of the IEEE fiscal year.

AMENDMENTS

Changes in the procedures specified in this letter will be enacted by amendments to be approved by a two thirds majority of the sponsoring Societies.

Date _____

Agreed by

(Name)

(Office)

(Society)

-
1. The Computer Society has apparently chosen not to participate in the NNC (12/21/88, Robert J. Marks II, NNC Chairman pro tem).

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990, 543-6061 or 543-2150
FAX: (206) 543-3842; marks@blake.acs.washington.edu*

June 30, 1989

Dr. Paul Green
IBM Research Division
P.O. Box 704
Yorktown Heights, NY 10598

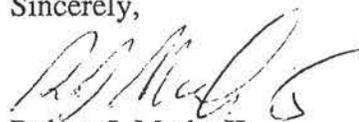
Dear Dr. Green:

Thank you for your recent correspondence concerning representation of the IEEE Communications Society on the IEEE Neural Networks Committee (NNC). I had not received any previous correspondence on the matter. Be assured that Dr. Puckette will receive all future correspondence concerning NNC business.

All member societies of the NNC are allowed two representatives. Do you wish Kesh Bakhru to continue as your second representative? I recommend a fresh appointee. First, Kesh's two year appointment on the NNC is complete. Secondly, he has been vocal primarily on matters concerning the interests of the San Diego section of the IEEE. You might wish to have a representative who is more vocal about the interests of your Society.

Please let me know if I can be of any further assistance in this matter.

Sincerely,



Robert J. Marks II
NNC Chair

RJM:ew

cc: Dr. C.M. Puckette, IV, COMSOC NNC Liaison
Professor Evangelia Tzanakou, NNC Secretary



IEEE



IEEE COMMUNICATIONS SOCIETY

Vice President - Technical Affairs
IEEE Communications Society

June 15, 1989

Prof. Robert J. Marks, II,
Chairman, Pro Tem, IEEE Neural Networks Council,
Department of Electrical Engineering, FT-10,
Seattle, WA 98195

Dear Prof. Marks,

Thank you very much for sending our President, Jack McDonald, the material on the Neural Network Council. He has asked me to respond to you.

There seems to have been some sort of mixup; perhaps the Communication Society has not been communicating all the way to the end of the channel. Some six months ago our *Signal Processing and Communication Electronics* Technical Committee was nominated as liaison with the Council, but the message seems never to have arrived. The documentation President McDonald was sent lists one Kesh Bakhru as the COMSOC liaison person, but none of us has met him, and we are not sure we are being represented correctly or at all.

The person we have appointed to be our representative is Dr. Charles M. Puckette, IV, Manager, Communication Technology and System Branch, General Electric Co., PO Box 8, Schenectady, NY 12301. His telephone number is (518)-387-5284. He represent us through our *Signal Processing and Communication Electronics* Technical Committee.

Through the work of Dr. Puckette and others, we have already done several things in neural networks. It is possible you have not heard of these. There was a neural networks session at the *Microelectronics and Devices in Communications* held at Seabury, Mass. last month by the *Signal Processing and Communication Electronics* Technical Committee. Sixty-five people attended. Globecomm-89, ICC-90 (International Conference on Communications), and Globecomm-91 each have a session in this area (typical conference attendance, 1700-2000). In April, Bernie Widrow chaired a session at our Communication Theory workshop at Hawk's Cay, Florida (100 attendees).

We really should work together. My COMSOC colleagues and I hope you will get in touch with Dr. Puckette and get him involved.

Sincerely,

A handwritten signature in black ink, appearing to read 'Paul E. Green, Jr.', written in a cursive style.

Paul E. Green, Jr.

cc: J.C. McDonald, COMSOC President
C.M. Puckette, IV, COMSOC NNC Liaison
Curt Siller, SPandCE Tech. Comm. Chairman
Pat Trischitta, TAC Secretary

PLEASE REPLY TO:

Dr. Paul Green
IBM Research Division
P.O. Box 704
Yorktown Heights, NY 10598 USA
(914) 789-7337
CSNET pgreen@ibm.com
Telex: 137546
Nefax: (914) 789-7455

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990, 543-6061 or 543-2150
FAX: (206) 543-3842; marks@blake.acs.washington.edu*

June 30, 1989

Dr. Russell C. Eberhart
JHU Applied Physics Laboratory
John Hopkins Road
Laurel, MD 20707

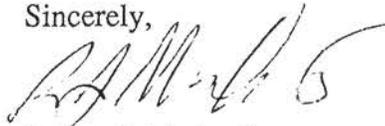
Dear Russ:

Attached are reimbursements I have approved for NNC activities.

Notes:

1. Herb Rauch, the Editor-in-Chief of our new journal, has an NNC approved \$10,000 yearly discretionary pot to run the journal. I suggest that his travel (\$431.75) be supported as an NNC member. The remainder (\$171.33) should be debited from his \$10K.
2. Joe Goodman's \$157 reimbursement is a loan to the 1990 San Diego conference. We can continue to handle this piecemeal or loan them a block amount (say \$5,000.) to be repaid after the conference. We loaned the IJCNN \$16K. If you think this is a good idea, please pursue it with Joe and Walter Karplus. It certainly would keep down the paper work at our end.
3. On my expenses, the FAXing (\$86.73) should be a debit on the 1990 Summer IJCNN. The \$70.15 should be a debit on the 1991 Summer IJCNN.
4. The \$312.47 reimbursement from IEEE was for printing the "blue book" we used at the NNC meeting and for a phone call to DeClaris.

Sincerely,



Robert J. Marks II
NNC Chair

RJM:ew
Atts.



IEEE

THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.
345 EAST 47TH STREET, NEW YORK, N.Y. 10017-2394, U.S.A. TELEX 236411

June 5, 1989 DIRECT NUMBER (212) 705- 7891

Dr. Robert J. Marks, II
University of Washington
Interactive Systems Design Lab.
Dept of EE FT-10
Seattle, WA 98195

Dear Dr. Marks:

Enclosed is check for \$312.47 to reimburse you for expenses
incurred on behalf of the IEEE Neural Network Committee.

Sincerely yours,

A handwritten signature in cursive script that reads "Mel Bonaviso".

Mel Bonaviso
Finance Administrator
Technical Activities

/cb
enc.

Check Issued & Mailed 6-12 89

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990, 543-6061 or 543-2150
FAX: (206) 543-3842; marks@blake.acs.washington.edu*

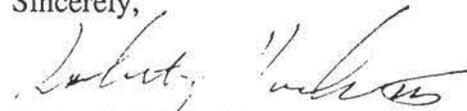
June 29, 1989

Ms. Mel Bonaviso
IEEE Headquarters
345 E. 47th Street
New York, NY 10017

Dear Mel:

Please directly reimburse Professor Goodman in the amount of \$157.00 for expenses incurred on behalf of the IEEE Neural Networks Committee (NNC). His correspondence and original receipts are attached.

Sincerely,



Robert J. Marks II
NNC Chair

RJM:ew
Att.

cc: Joe Goodman
Russ Eberhart, NNC Treasurer

Stanford University, Stanford, California 94305

JOSEPH W. GOODMAN
William E. Ayer Professor of Electrical Engineering
Chairman, Department of Electrical Engineering

McCullough 150
Stanford, California 94305-4055
(415) 723-5782

June 18, 1989

To Whom it May Concern:

This note summarizes the expenses incurred during a trip from San Francisco to San Diego and back to kick off the planning for the 1989 IEEE Neural Networks Conference. The trip took place on June 9, 1989. I departed from Los Altos at 7:15 AM and I returned at 7:30 PM. The expense claims are supported by the attached receipts.

Air Ticket, San Francisco to San Diego and return	\$ 131.00
Parking, San Francisco International	\$ 14.00
Mileage, Los Altos to San Francisco	\$ 12.00
Airport and return, 60 miles @ \$0.20	
Total Amount Due:	\$157.00

Joseph W. Goodman

PASSENGER TICKET AND BAGGAGE CHECK SUBJECT TO CONDITIONS CONTAINED IN THIS TICKET
 ISSUED BY: _____ CONJUNCTION TICKET(S): _____

ENDORSEMENTS/RESTRICTIONS (CARBON): _____

PASSENGER NAME: _____ NOT TRANSFERABLE

ARC PASSENGER COUPON
 DATE OF ISSUE: _____

ORIGIN/DESTINATION: _____
 BOOKING REFERENCE: _____
 ISSUED IN EXCHANGE FOR: _____

See below for Airline Form, Serial Number

PSGR CPN

FROM	TO	CARRIER	FLIGHT	CLASS	DATE	TIME	STATUS	FARE BASIS/TKT	DESIGNATOR	NOT VALID BEFORE	NOT VALID AFTER	ALLOW
MEMPHIS	MEMPHIS	AA	1111	Y	06/09/89	08:00	OK	Y				
MEMPHIS	MEMPHIS	AA	1111	Y	06/10/89	08:00	OK	Y				

FARE: _____ FARE CALCULATION: _____
 EQUIV. FARE PD.: _____
 TAX: _____
 TAX: _____
 TAX: _____
 TOTAL: _____

FORM OF PAYMENT: _____ TOUR CODE: _____

CPN: _____ AIRLINE CODE: _____ FORM: _____ SERIAL NUMBER: _____ CK: _____

ORIGINAL ISSUE: _____

7120108529 2 □

0025311 - 1000235047

DO NOT MARK OR WRITE IN THE WHITE AREA ABOVE

PRINTED IN U.S.A. BY RAND McNALLY (1072)

IT IS UNLAWFUL TO PURCHASE OR RESALE THIS TICKET FROM TO ANY ENTITY OTHER THAN THE ISSUING CARRIER OR ITS AUTHORIZED AGENTS DATE AND PLACE OF ISSUE

SAN FRANCISCO
 INT'L AIRPORT
 PARKING RECEIPT
 Entrance 07:52 06/09/89 Lane 24
 Exit 09:09 06/10/89 Lane 16
 CASHIER 040 SEQ# 3650
 AMOUNT PAID \$014.00
 *** thank you ***

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990, 543-6061 or 543-2150
FAX: (206) 543-3842; marks@blake.acs.washington.edu*

June 29, 1989

Ms. Mel Bonaviso
IEEE Headquarters
345 East 47th Street
New York, NY 10017

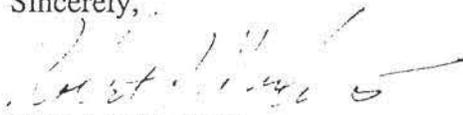
Dear Mel:

Attached are original receipts for expenses I incurred in the execution of my office as Chair of the IEEE Neural Networks Committee. The expenses are circled in red and total \$1,254.44. Please send a reimbursement check to me at the above address.

Some comments on the two larger expenditures:

1. Hotel and management contracts were FAX'd to IEEE for the 1990 IJCNN for IEEE perusal.
2. The NNC hosted the NNC/INNS Executive Banquet for 27 people. A separate receipt copy is attached.

Sincerely,



Robert J. Marks II
NNC Chair

RJM:ew
Atts.

cc: Russ Eberhart, NNC Treasurer



Sheraton Washington Hotel

The hospitality people of **ITT**

2660 Woodley Rd. at Conn. Ave. N.W. Wash. D.C. 20008 (202) 328-2000

CH

ACCOUNT 150874

PAGE 1

MARKS, ROBERT
 DEPT OF ENGINEERING
 UNIV OF WASHINGTON
 SEATTLE, WA 98195

ROOM 2095

NOMI FELDMAN
 C/O MEETING MGT
 3770 TANSEY
 SAN DIEGO, CA 92121

DATE	CODE NO.	TICKET NO.	EXPLANATION	CHARGES / CREDITS
1989				
JUN17	511	02036	LOCAL CALL	.75 99
JUN17	511	02043	LOCAL CALL	.75 99
JUN17	511	02104	LOCAL CALL	.75 99
JUN17	011	02095	ROOM CHG.	132.00 00
JUN17	011	02095	ROOM TAX	13.20 00
JUN17	011	02095	OCC. TAX	1.00 00
JUN18	111	09195	C. CAFE <i>DeClaris</i>	20.02 93
JUN18	511	01336	LOCAL CALL	.75 99
JUN18	521	01338	L. D. PHONE (info)	1.00 99
JUN18	511	01341	LOCAL CALL	.75 99
JUN18	511	01342	LOCAL CALL	.75 99
JUN18	511	01344	LOCAL CALL	.75 99
JUN18	511	01349	LOCAL CALL	.75 99
JUN18	511	01350	LOCAL CALL	.75 99
JUN18	511	01411	LOCAL CALL	.75 99
JUN18	511	01420	LOCAL CALL	.75 99
JUN18	511	01459	LOCAL CALL	.75 99
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			BAL-FWD	339.18

06/17/89
 06/22/89

ICDNN

DS6011009891500790

06/91

Cardholder acknowledges receipt of goods and/or services in the amount of the total shown hereon and agrees to perform the obligations set forth in the Cardholder's agreement with the issuer. I AGREE THAT MY LIABILITY FOR THIS BILL IS NOT WAIVED AND AGREE TO BE HELD PERSONALLY LIABLE IN THE EVENT THAT THE INDICATED PERSON, COMPANY OR ASSOCIATION FAILS TO PAY FOR ANY PART OR THE FULL AMOUNT OF THESE CHARGES.

Guest Signature _____

BANQUET

02216

FUNCTION **DINNER**
 ATTN: **BOB MARKS**
 ADDRESS **IEEE NEURAL NETWORK CONF**
BILLING: NOLLI FELDMAN MEETING MANAG.
3770 TAINSY ST.
SAN DIEGO CALIF. 92121

DATE **JUNE, 18, 89**
 QUE NAME
 ARRANGEMENTS BY **SU**
 CAPTAIN **GAD**
 ROOM **WARREN**

28	DINNER	\$ 2700	75600.
		TAX 3%	6048.
		GRAT 10%	120.96.
TOTAL THIS COLUMN			937.44.

ROOM RENTAL
 TELEPHONE
 P.A. CHARGES
 FLOWERS
 CHECKROOM
 LABOR CHARGE
 BARTENDER CHARGE
 CASHIER
 CARVER
 TOTAL THIS COLUMN
 TOTAL FROM OTHER SIDE

GUEST SIGNATURE *N. Feldman*

GRAND TOTAL **937.44.**

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990, 543-6061 or 543-2150
FAX: (206) 543-3842; marks@blake.acs.washington.edu*

June 29, 1989

Ms. Mel Bonaviso
IEEE Headquarters
345 E. 47th Street
New York, NY 10017

Dear Mel:

Please directly reimburse Dr. Herb Rauch in the amount of \$603.08 for expenses incurred on behalf of the IEEE Neural Networks Committee (NNC). His correspondence and receipts are attached.

Sincerely,



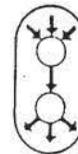
Robert J. Marks II
NNC Chair

RJM:ew
Att.

cc: Dr. Herb Rauch
Russ Eberhart, NNC Treasurer



NEURAL NETWORKS



June 21, 1989

Herbert E. Rauch, Editor
IEEE TRANSACTIONS ON
NEURAL NETWORKS
Lockheed 92-20/254 E
3251 Hanover Street
Palo Alto, CA 94304 USA
(415) 424-2704

Bob, it was nice seeing you in Washington.
I think everything went okay, but there still
is much to do. I'm pleased you have included
me as part of the "executive committee".

I will do the concil consitution work shortly.

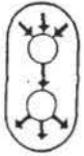
Enclosed is my "bill" to IEEE plus a copy of the
one sent to the IEEE Cotnrol Sytems Society.

Thanks for your help.

A handwritten signature in cursive script, appearing to read 'HERB'.



NEURAL NETWORKS



\$603.08
TOTAL

June 21, 1989

BILL TO IEEE from Herbert E. Rauch

Receipts Enclosed

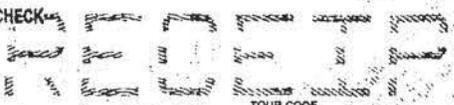
Herbert E. Rauch, Editor
IEEE TRANSACTIONS ON
NEURAL NETWORKS
Lockheed 92-20/254 E
3251 Hanover Street
Palo Alto, CA 94304 USA
(415) 424-2704

- ① HALF OF AIRFAIR \$218.50
(\$437 FULL FAIR)
 - ② ONE NIGHT HOTEL \$ 155.00
 - ③ CAR RENTAL \$ 50.25
(TWO DAYS)
 - ④ PARKING AT HOTEL \$ 8.00
-
- TRIP COST \$ 431.75
- ⑤ NEURAL NET REVIEW \$ 43.00
 - ⑥ INNS JOURNAL \$ 45.00
 - ⑦ NEURAL COMPUTATION \$ 45.00
 - ⑧ NIPS PROCEEDINGS \$ 38.33
(MORGAN KAUFMAN)
-
- TOTAL \$ 603.08

ORIGINAL OF RECEIPT
 SENT TO IEEE CONTRU
 SYSTEMS SOCIETY

ISSUED BY **USAIR** PASSENGER TICKET AND BAGGAGE CHECK
 SUBJECT TO CONDITIONS OF CONTRACT

ISSUED BY **USAIR**
 TEL. 800-421-1887



NAME OF PASSENGER
 RAUCH, HERB
 NAME OF ISSUING AIRLINE/AGENT
 PLACE OF ISSUE
 ENDOSEMENTS/RESTRICTIONS

NOT TRANSFERABLE

NO. OF 00
 TOUR CODE
 PNR/CARRIER CODE
 SERV. CARR. ID
 TRANSMISSION CONTROL NO.

DATE OF ISSUE
 NOT VALID BEFORE
 NOT VALID AFTER
 VOID TO

NAME OF PASSENGER
 RAUCH, HERB

FROM

TO

CARRIER
 FLIGHT CLASS DATE TIME

SEAT

PP 1R5BA2015LALALB1B00B-05-17-010949.
 ERBERT B. RAUCH
 CHG/CXL F8E100P
 FCO 17JUN 8FOUENAS 184, BERKELENNR USPIT 12,857 LNR
 18890 186, BERKELENNR 840K, 53
 NON REFUNDABLE

FARE 404.63
 TAX 32.37
 TOTAL 437.00
 STOCK CONTROL NO. TX037
 00345917213

CPN DOCUMENT NUMBER CK

ISSUED BY **USAIR**
BOARDING PASS 01-03

NAME OF PASSENGER
 RAUCH/HERB

FROM
 SAN FRANCISCO

TO
 WASHINGTON/NATL

CARRIER
 USAIR
 FLIGHT CLASS DATE TIME
 1S 116K 17JUN 74CA

SEAT
 06C

CPN DOCUMENT NUMBER CK

ISSUED BY **USAIR**
BOARDING PASS 02-03

NAME OF PASSENGER
 RAUCH/HERB

FROM
 WASHINGTON/NATL

TO
 PITTSBURGH PA.

CARRIER
 USAIR
 FLIGHT CLASS DATE TIME
 1S 449V 19JUN 55-5P

ADVANCE SEAT 08D

CPN DOCUMENT NUMBER CK

ISSUED BY **USAIR**
BOARDING PASS 03-03

NAME OF PASSENGER
 RAUCH/HERB

FROM
 PITTSBURGH PA.

TO
 SAN FRANCISCO

CARRIER
 USAIR
 FLIGHT CLASS DATE TIME
 1S 35K 20JUN 825P

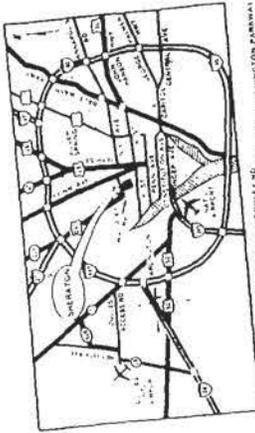
ADVANCE SEAT 08D

CPN DOCUMENT NUMBER CK

Sheraton Washington Hotel

The hospitality people of **ITT**

2660 Woodley Rd. W. Capitol Ave. N.W. Wash., D.C. 20008 (202) 328-2000



* COPIES OF THE MAP SOUTH OF MODULE 10 IN GEORGETOWN WASHINGTON PARKWAY
 * COPIES OF THE MAP NORTH OF MODULE 10 IN GEORGETOWN WASHINGTON PARKWAY
 * METRO ACCESS TO THE SHERATON WASHINGTON HOTEL IS AVAILABLE FROM THE METRO STATION
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 * METRO ACCESS TO THE SHERATON WASHINGTON HOTEL IS AVAILABLE FROM THE METRO STATION

DEPOSIT			
\$ 140.00			
RATE PER NIGHT			
BEDROOM ACCOMMODATIONS			
ARRIVAL DATE	DEPARTURE DATE	NO. GUESTS	ROOMS
06/18/89	06/19/89	1	1

THANK YOU FOR CHOOSING THE SHERATON WASHINGTON. YOUR RESERVATION HAS BEEN GUARANTEED AND WILL BE HELD UNTIL 1:00 PM THE FOLLOWING DAY. YOUR ROOM FOR THE THREE-NIGHT PERIOD ON NEUTRAL NETWORK IS CONFIRMED. D.C. TAX IS 10%. PLUS \$1.00 OCC. TAX PER ROOM, PER NIGHT. WE WILL HOLD YOUR OF ARRIVAL. CANCEL PRIOR TO 72 HOURS

HERBERT RAUCH
 LOCKHEED 92-20/254E
 3251 HANOVER ST
 PALO ALTO, CA 94304

ICONN
 DEPOSIT # 31309

CHECK IN TIME IS 3:00 PM

CH ACCOUNT 151403 PAGE 1
 RAUCH, HERBERT
 LOCKHEED 92-20/254E
 3251 HANOVER ST ROOM 6031
 PALO ALTO, CA 94304
 NOMI FELDMAN
 C/O MEETING MGT
 3770 TANSEY
 SAN DIEGO, CA 92121

DATE	CODE NO.	TICKET NO.	EXPLANATION	CHARGES / CREDITS	
1989		31309	DEPOSIT	136.30	CR
JUN18	011	06031	ROOM CHG.	140.00	00
JUN18	011	06031	ROOM TAX	14.00	00
JUN18	011	06031	OCC. TAX	1.00	00
JUN19	001	00084	MSTR/VISA	18.70	CR
		5282013681813003			
		06/18 73		50.00	
			TOTAL-DUE		00

\$ 155.00
 TOTAL COST

06/18/89
 06/19/89 13:36
 136.30
 ICONN
 30 MV5282013681813003 03/91

Cardholder acknowledges receipt of goods and/or services in the amount of the total shown hereon and agrees to perform the obligations set forth in the Cardholder's agreement with the issuer. I AGREE THAT MY LIABILITY FOR THIS BILL IS NOT WAIVED AND AGREE TO BE HELD PERSONALLY LIABLE IN THE EVENT THAT THE INDICATED PERSON, COMPANY OR ASSOCIATION FAILS TO PAY FOR ANY PART OR THE FULL AMOUNT OF THESE CHARGES.

Guest Signature *Herbert Rauch*



1810

Rental Agreement No.

WASHINGTON NATIONAL AIRPORT
3800 JEFFERSON DAVIS HIGHWAY
ALEXANDRIA, VIRGINIA 22305
PHONE (703)-979-6300

FOR
EMERGENCY
ROAD SERVICE
CALL
1-800-654-5060

574496226

#01 RTRM
For billing inquiries call 1-800-654-4173

TIME IN 06/19/89 15:41
TIME OUT 06/17/89 17:40

5282013681813003 03/91
HERBERT RAUCH
401 DRACENA LN
LOS ALTOS CA 94032
* 1 CLUB NO. UPD C.D.P. I.D. NO. CREDIT APP./DATE/AMT.
052272 P17359
FORM OF PAY CASH ON RET. OTHER IDENTIFICATION
MC NO LOCKHEED
DRIVER'S LICENSE NO. STATE EXPIRES Y.O.B.
F0999942 CA 10/90 10/35
VEHICLE TO BE RETURNED TO (CITY/STATE) LOC. NO. DUE DATE
WASHG TN NAT'L DDCOA 0181011 06/19/89
VEHICLE RENTED AT (CITY/STATE) AREA & LOCATION NO.
WASHINGTON NAT'L AP, DDCOA 0181011

LOCATION/STALL NO.
RETURNED TO AREA & LOC. NO.
8770422 DDCOA 0181011
VEHICLE LIC. NO. STATE CHECK-IN CREDIT APP.
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LESS MILES ALLOWED (200) MILES ALLOWED 31

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Ms. Mel Bonaviso
IEEE Headquarters
345 East 47th Street
New York, NY 10017

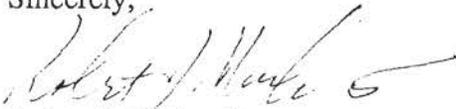
Dear Mel:

Attached are original receipts for expenses I incurred in the execution of my office as Chair of the IEEE Neural Networks Committee. The expenses are circled in red and total \$1,254.44. Please send a reimbursement check to me at the above address.

Some comments on the two larger expenditures:

1. Hotel and management contracts were FAX'd to IEEE for the 1990 IJCNN for IEEE perusal.
2. The NNC hosted the NNC/INNS Executive Banquet for 27 people. A separate receipt copy is attached.

Sincerely,



Robert J. Marks II
NNC Chair

RJM:ew
Atts.

cc: Russ Eberhart, NNC Treasurer

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 UNIV OF WASHINGTON
 SEATTLE, WA 98195

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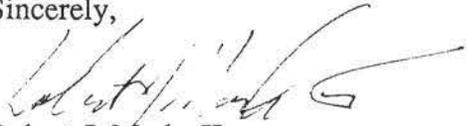
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Ms. Mel Bonaviso
IEEE Headquarters
345 E. 47th Street
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Dear Mel:

Please directly reimburse Dr. Herb Rauch in the amount of \$603.08 for expenses incurred on behalf of the IEEE Neural Networks Committee (NNC). His correspondence and receipts are attached.

Sincerely,



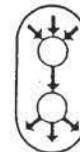
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NNC Chair

RJM:ew
Att.

cc: Dr. Herb Rauch
Russ Eberhart, NNC Treasurer



NEURAL NETWORKS



June 21, 1989

Herbert E. Rauch, Editor
IEEE TRANSACTIONS ON
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Lockheed 92-20/254 E
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Palo Alto, CA 94304 USA
(415) 424-2704

Bob, it was nice seeing you in Washington.
I think everything went okay, but there still
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me as part of the "executive committee".

I will do the concil consitution work shortly.

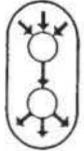
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one sent to the IEEE Cotnrol Sytems Society.

Thanks for your help.

A handwritten signature in cursive, appearing to read 'H. E. Rauch'.



NEURAL NETWORKS



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June 21, 1989

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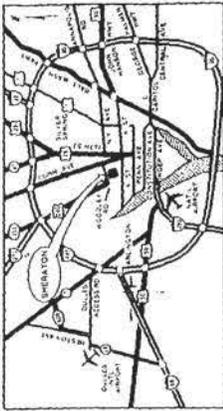
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MINUTES OF THE IEEE-NNC MEETING

June 18, 1989

Sheraton Washington Hotel, Washington, D.C.

R. J. Marks ^{II} ~~III~~ presiding.

The meeting came to order. The following NNC members were present: F. Aldana, K. Bakhru, N. DeClaris, B. Dickinson, R. Eberhart, A. Ephremides, B. H. Juang, R. Marks, T. Nagle, E. Posner, H. Rauch, W. Snyder, E. Tzanakou; and four observers: M. Aronstein, M. Roth, P. K. Simpsun and R. D. Trueblood.

^(Not an NNC member)
The agenda was discussed and approved. Minutes were approved as amended. One change was made, namely that R. Eberhart was an NNC member as of the Denver meeting.

A report on past accomplishments was given by R. Marks. These accomplishments included the agreement between the INNS and IEEE and the tentative approval of the IEEE Neural Networks transactions.

Troy Nagle reviewed the financial status of the 1988 conference. As of the end of April, the IEEE account had a \$25,500 balance with \$16,000 loan to this year's committee. Mr. Aronstein, Chairman of the San Diego Section, said that the books can be closed out soon.

The next item on the agenda was governance. T. Ephremides took nominations from the floor. R. Marks and F. Aldana were nominated for Chairman. They left the room so that elections could take place. R. Marks was elected Chairman. E. Tzanakou was nominated for Secretary. She was elected by acclamation. W. Snyder was nominated for Treasurer but declined. He then nominated R. Eberhart who was elected by acclamation.

The constitution of the Neural Networks IEEE Committee was then brought up for adoption as it appeared in the blue book (distributed). It was unanimously approved with minor corrections.

A proposed Constitution for the IEEE Council on Neural Networks was brought up for discussion. It was noted that this constitution would have to be presented to the technical activities board (TAB) and be approved by the NNC. Becoming a Council is the next step up the IEEE ladder. Because the NNC will be publishing a Transactions as well as running the IJNNC, it is appropriate that it becomes a council, a more formal organization. Proper campaigning with the TAB members was recommended.

A motion by H. Rauch (seconded by R. Eberhart) followed to proceed with the council status. All were in favor but one. T. Ephremides, H. Rauch and W. Snyder were then appointed as a subcommittee to "fine tune" the IEEE council proposal. The field interest was discussed at length. The above mentioned three member subcommittee will craft the version to be presented to the TAB. The same subcommittee will be reviewed by T. Nagle, then a mail vote will be taken by mid October. The motion was passed.

Herb Rauch then took the floor to discuss the upcoming Transactions. He passed out a description of the publication, a copy of which is attached as Appendix A. In addition to the twelve Associate Editors already suggested, two more Associate Editors, Scott Kirkpatrick and Erkka Oja were suggested.

Sections on papers, short papers and letters will be established. Papers and short papers will be reviewed identically, letters will undergo a different review process that facilitates quick publication. The scope of the Transactions was discussed, and several changes were suggested. The document will be mailed to the Editorial Board for suggestions and approval. A motion for the approval of the Associate Editors was made, seconded and approved.

The conference status was then brought up by Bob Marks. W. Snyder discussed the status of the IJCNN '89 conference. He said it is a "success" with three cost centers (exhibits, tutorials, and registration) all in the black.

A discussion followed that if needed, Bob Marks will write to Society presidents, on behalf of any individual member, requesting that the Society help cover expenses to the NNC meetings. It was moved (E. Aldana) that the Chairman of the NNC at his or her discretion, be able to help pay travel expenses of those who could not otherwise attend the meeting. The request for travel expenses must be made and approved in advance of the meeting. The motion was unanimously approved. At this point, another motion was made for the requirement of "in advance" of the previous motion, being removed for this year's meeting. The motion was unanimously approved.

A report of the Oversight Committee followed. Nick DeClaris reported on the 1990 and 1991 organizations and plans. He mentioned that tab #8 from the circular is withdrawn from consideration since a number of problems exist. Discussion took place as to who chooses the place of a conference and whether the Oversight Committee should have the power to make that decision and that decision being discussed by the NNC. The issues of how much ahead of time decisions should be made about locale and people running the conference were discussed. At this point a motion was made by R. Eberhart. The motion is that... "the oversight committee following this conference cannot hold or assume major leadership roles in the conferences while they are on the Oversight Committee". After a long discussion --

During the discussion about the '91 Conference

sometimes very confusing-- the motion was passed (6 for it, 5 against it). The 1991 conference will take place in Seattle, (IEEE sponsored). A motion was placed by F. Aldana that "the five members of the Oversight Committee who belong to the IEEE-NNC should act as the meetings committee of the NNC." The motion passed unanimously.

T. Ephremides brought up the Region 10 meetings outside the U.S. and that TAB will match the amount that the societies will contribute for one or two representatives to these meetings. The current plan is one in India, one in Singapore and a couple in Australia. If we choose to participate in this series of colloquia we should designate one or two people to participate. R. Eberhart moved that up to \$5,000 be allocated as matching funds for this traveling to the IEEE Symposia in Asia. Motion was carried unanimously.

It was decided that the next meeting will be on Sunday, November 26, 1989 at 1:30 p.m. at the NIPS Meeting. ~~(At this point the tape finished).~~

M. Aronstein brought up the issue of percentage interest for the San Diego section in the IJCNN ^{↑ '90 (?)} future meetings. The issue was tabled, ~~until the NIPS meeting in November.~~

The meeting was then adjourned.

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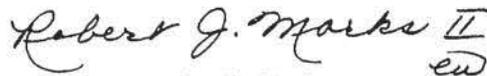
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Professor Walter Kaplus, Conference Co-Chair
bc: Dr. Russell C. Eberhart, Treasurer ✓



San Diego Marriott
Hotel & Marina

333 West Harbor Drive
San Diego, California 92101-7709
619/234-1500
Fax: 619/234-8678

July 14, 1989

Dr. Robert J. Marks II
Chairman
IEEE Neural Network Committee
Dept. of Electric Engineering
University of Washington
FT-10
Seattle, WA 98195

Dear Dr. Marks:

Thank you very much for your assistance in finalizing the plans for IEEE's Neural Network meeting next June. Needless to say, we are excited about hosting you and your associates and we look forward to working with Nomi Feldman, once again.

Since the original contract incorrectly reflected Nomi as the signator we have generated a fresh copy with your name instead of hers on the signature line. Please initial each page and sign it and we will convert the tentative to a definite. I believe Nomi told you that there is another group interested in these dates so we need to move pretty quickly.

In closing, thanks, again, for your working with us and I hope to meet you in the near future.

Best regards,

SAN DIEGO MARRIOTT HOTEL AND MARINA

A handwritten signature in cursive script that reads "Annadru Conley".

Annadru Conley
Director of Sales

AC:gs



San Diego Marriott
Hotel & Marina

333 West Harbor Drive
San Diego, California 92101-7709
619/234-1500
Fax: 619/234-8678

SAN DIEGO MARRIOTT HOTEL & MARINA
CONTRACTUAL AGREEMENT

Third Full Revision - June 27, 1989

We are confident that the information listed below, while constituting an agreement between the San Diego Marriott Hotel & Marina and IEEE/ICNN, will be helpful to you and your staff in the planning of your final program. We believe, by specifying conditions and services relative to your IEEE/ICNN in advance, we can assure a professional program to the credit of both IEEE/ICNN and the San Diego Marriott Hotel & Marina.

ORGANIZATION: IEEE - INTERNATIONAL CONFERENCE ON NEURAL NETWORK

FILE NUMBER: L006903

CONTACT: Ms. Nomi Feldman
Vice-President
Meeting Management

ADDRESS: 8770 Tansy Street
San Diego, CA 92121

PHONE #: (619) 453-6222

FUNCTION/PROGRAM: 1990 International Conference

HEADQUARTERS HOTEL: SAN DIEGO MARRIOTT HOTEL & MARINA

OFFICIAL DATES: June 13 - (24), 1990

ANTICIPATED ATTENDANCE: 1,500+ ppl

ROOM NIGHT COMMITMENT: 800 rooms

ROOM NIGHT PATTERN:

DAY:	WED	THU	FRI	SAT	SUN	MON
DATE:	6/13	6/14	6/15	6/16	6/17	6/18
ROOMS:	5	25	410	720	800	770

DAY:	TUE	WED	THU	FRI	SAT	SUN
DATE:	6/19	6/20	6/21	6/22	6/23	6/24
ROOMS:	700	410	50	25	5	0


INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 2

We will monitor the room pick up for the years predceding your IEEE/ICNN in San Diego and alter the above block of rooms, if necessary, based on your actual room utilization. We will of course, consult you prior to making any changes in your room block.

SUITES: This room commitment includes the following suites:

<u>Suite Type</u>	<u># Held</u>	<u>Arrival Date</u>	<u>Departure Date</u>
Presidential Suite	1	Fri. 6/15/90	Thurs. 6/21/90
Hospitality Suite	10	Sat. 6/16/90	Wed. 6/20/90
Junior Suite	1	Fri. 6/15/90	Thurs. 6/21/90

CHECK IN/CHECK OUT TIMES

Our check-in time is 4:00pm; check-out is 12:00pm. Guests arriving before 4:00pm will be accommodated as rooms become available. Our Bell Captain can arrange to check baggage for those arriving early when rooms are not available and for guests attending functions on their day of departure.

GUEST ROOM RATES

In anticipation of welcoming and serving the IEEE/ICNN, the San Diego Marriott Hotel & Marina is pleased to confirm the following group rates over the convention dates in June of 1990.

	<u>City View</u>	<u>Bay View</u>
Single Occupancy:	\$125 per night	\$138 per night
Double Occupancy:	\$135 per night	\$148 per night
Additional Person:	\$ 20 per night	\$ 20 per night
Suites:	\$300.00 - \$2,800.00 per night	

The above rates will be commissionable to Meeting Management at ten (10) percent.

STAFF ROOMS

We are pleased to set aside ten (10) City View rooms to be assigned expressly to your convention staff at a special rate of fifteen (15) percent less than the convention rate, or \$110.00. Special-rated rooms will not earn complimentary credits.


INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 3

TAX

All sleeping room rates are subject to the applicable taxes at the time of check-out. Currently, these taxes are 8% per night and are subject to change.

SPECIAL ACCOMMODATIONS

As a sign of the Hotel's sincere interest in hosting the IEEE/ICNN, we will be pleased to upgrade ten (10) rooms to our Concierge Level. These rooms will be available June 15 - (21), 1990.

COMPLIMENTARY ROOMS

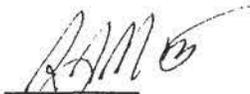
You will be entitled to one (1) complimentary room (unit) for every forty (40) rooms (units) actually occupied at the group rate. Should the block of rooms outlined in this agreement be 100% utilized, you would be entitled to ninety-eight (98) complimentary room nights. These room nights must be used during your actual convention dates and will be forfeited if not occupied.

A room night is one (1) room occupied for one (1) night, i.e., two (2) rooms occupied for three (3) nights equals six (6) room nights.

Suites are rated on a daily basis as follows:

Parlor Suite	=	2	Complimentary Units
Junior Suite	=	2	Complimentary Units
Executive Suite	=	4	Complimentary Units
Hospitality Suite	=	5	Complimentary Units
Presidential Suite	=	8	Complimentary Units
Manchester Suite	=	10	Complimentary Units
Marriott Suite	=	12	Complimentary Units
Admiral's Suite	=	14	Complimentary Units

The above suites are inclusive of one bedroom. Each additional bedroom added to the above suites will be equal to one (1) complimentary room unit.


INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 4

SPECIAL COMPLIMENTARY ARRANGEMENTS

We are pleased to offer you two (2) complimentary suites over and above our normal complimentary policy as well as one sleeping room.

<u>Suite Type</u>	<u>Arrival Date</u>	<u>Departure Date</u>
(1) Presidential Suite/ President of IEEE	Fri., 6/15/90	Thurs., 6/21/90
(1) Junior Suite/ Conference Coordinator	Fri., 6/15/90	Thurs., 6/21/90
(1) King Room/ Conference Assistant	Fri., 6/15/90	Thurs., 6/21/90

CUTOFF DATE

Thirty (30) days prior to your major arrival date, or May 15, 1990, we will release for sale the unused portion of your room commitment. Forty-five (45) days prior we will jointly review the unused portion of your block. If eighty percent (80%) of the total block is not picked up IEEE may guarantee, in writing, up to 10% but not less than twenty-five (25) rooms of the unreserved rooms. If IEEE does not wish to do so, all unreserved rooms will revert to the Hotel.

All reservations received within thirty (30) days of arrival will be accepted on a space available basis.

RESERVATIONS

It is our understanding that reservations will be made by reservation envelopes. The Hotel will provide envelopes three (3) times the number of guest rooms blocked on the peak night of your IEEE/ICNN. These reservation envelopes will be appropriately printed with the name of your meeting, rate and dates.

GUARANTEED RESERVATIONS

Reservation requests will be confirmed and guaranteed only if accompanied by one nights room deposit, or by the following major credit cards: American Express/Optimum, Carte Blanche, Diners Club, Master Card, Visa, or Discover Card with expiration date. The IEEE/ICNN may also guarantee room reservations.


INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 5

CREDIT ARRANGEMENTS

We understand that your attendees will be responsible for their own room, tax and incidental charges upon check out.

MASTER BILL & PAYMENT

It is our goal to maintain an accurate and updated Master Account on a daily basis. We would be pleased to have you review it with us each day which will help eliminate discrepancies as they occur. We will contact you to establish this daily appointment. Please note: We require 75% of the estimated Master Bill paid prior to departure.

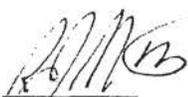
Our terms are immediate payment upon receipt of statement. In the event such payment is not made within 25 days after receipt of the original statement it is agreed that the hotel may immediately impose a LATE PAYMENT CHARGE at the rate of 1 1/2% per month (ANNUAL RATE 18%) or the maximum allowed by law, on the unpaid balance. Reasonable cost of collection, including attorney's fees, will also be assessed.

Disputed charges will be subtracted from the final statement and the remaining total must be paid according to the above schedule. Upon resolution, we will re-bill the remaining charges to IEEE/ICNN and these must be paid within twenty-five (25) days after receipt of statement.

FUNCTION SPACE (FUNCTION RESERVATION INFORMATION AGENDA)

The confirmation agreement includes the enclosed function information agenda which outlines the reserved space based on your requirements. Please review the program and advise us at this time of any changes or additional space needs. We will make every effort to accommodate your needs, provided space is available.

This function information agenda is considered part of this contract and should be signed and returned with this document. This contract may be considered invalid until we receive the signed agenda.


INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 6

SIGNAGE

Exhibits, displays, table set-ups and signs placed outside the Hotel's meeting rooms require prior written consent from the Hotel management and Fire Marshall, if applicable. This includes any pre-function or public space area.

FACILITY SERVICE CHARGE

Any facility service charges specified on the function information agenda are based on your agenda, as outlined. Any changes to this agenda may be subject to rate review and revision, if warranted.

In consideration of your overall scheduled Food and Beverage functions and projected number of guest rooms, we are pleased to waive the customary rental charge for meeting and banquet space. The above waiver is predicated on your detailed agenda of programmed activities and the indicated attendances. Any reduction greater than 25% of the indicated attendance figures or total cancellation of Food and Beverage functions highlighted below will nullify the above waiver:

- A. Sunday, June 17th: Reception - 1000ppl
- B. Wednesday, June 20th: Reception - 2000ppl

The waiver does not include space held and not used after the six (6) month point indicated above.

Also, any reduction in room pick-up (total number of rooms occupied) greater than 20% of the original room block of total room nights may call for the institution of the rental scale as outlined below:

<u>Total Number of Room Nights Actually Occupied</u>	<u>Room Rental Per Day (Multiplied by 4 Meeting Days)</u>
3136 - 3920	Complimentary
2744 - 3135	\$2,000.00 (\$ 8,000.00 Total)
2352 - 2743	\$2,500.00 (\$10,000.00 Total)
1960 - 2351	\$3,000.00 (\$12,000.00 Total)
Less than 1,960	\$4,000.00 (\$16,000.00 Total)


INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 7

AMPLIFICATION

We will provide a permanent P.A. system in each of our major meeting facilities. A microphone or one microphone patch will be made available on a complimentary basis in each room where necessary and where audio connections are available.

AUDIO-VISUAL COMPANY

Should you require any audio-visual equipment, we recommend the services of our in-house audio-visual firm:

Photo and Sound
7719 Convoy Court
San Diego, CA 92111
(619) 565-2345

IN-HOUSE EQUIPMENT

The hotel will provide at no charge, a reasonable amount of meeting equipment, i.e., chairs, tables, blackboards, etc. The complimentary arrangement does not include special setups or extraordinary formats that would exhaust our present in-house equipment to the point of requiring rental of an additional supply to accommodate your needs. If such is the case, we will anticipate it in sufficient time as to present two (2) alternatives: the rental cost to your group for additional equipment, or the change of the extraordinary set up to a more normal format, avoiding the extra cost.

FOOD AND BEVERAGE

Our catering specialists look forward to creating menus and special arrangements for your planned food and beverage functions.

We will confirm all catering prices six (6) months prior to your arrival date.

Presently, our minimum catering selections are as follows:

Continental Breakfast - \$ 6.75 per person
Sit-Down Breakfast - \$11.00 per person
Lunch - \$15.00 per person
Dinner - \$23.00 per person


INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 8

FOOD AND BEVERAGE (Continued)

These quotations do not include any applicable California tax currently at 7%, and a taxable service charge of 17%.

You will be assigned a Catering Manager who will coordinate all phases of your banquet requirements, and function as a liaison with our service staff.

ROOM SERVICE (Hospitality Suite Policy)

Please note that all food and beverage served in Hospitality Suites and Parlors, must be purchased from the Hotel's Room Service Department. In the event that food or beverage is brought to the Hotel from outside sources, the corkage charges noted in the Room Service Directory will be applied to your Master Bill. When an associated vendor utilizes a Hospitality Suite these corkage charges will be applied to their account.

CONVENTION SERVICE DEPARTMENT

You will be contacted by your Convention Service Manager eighteen (18) months prior to your meeting. They will review and finalize your overall program needs and assure that everything is in order for a successful convention.

PARKING CHARGES

Parking charges for in-house guests are currently \$7.00 per day. The current non-guest rate is \$4.00 for 0-10 hours and \$7.00 for 10-24 hours.

COMPLIMENTARY PARKING PASSES

10 Complimentary Parking Passes will be provided to IEEE/ICNN for Staff/VIP cars. They will be valid 6/13 - (22)/1990.

EXHIBITS

It is our understanding that the primary nature of your exhibit is commercial and your requirements are 80-90 8 x 10 exhibit booths and a to-be-determined number of poster displays.


INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 9

EXHIBITS (Continued)

Set Up

The programmed exhibit area will be available to you at 8:00AM on Sunday, June 17, 1990.

Dismantle Time

It is understood that the exhibit area portion of your convention will have terminated and be completely clear of the hotel by 5:00PM on Thursday, June 21, 1990.

Rental (Garage)

Rental for exhibit space is currently \$.40 per net* square foot utilized. This is a per-day charge and applies to the utilization of our exhibit area over the designated show dates. Your set-up and dismantle days will be charged at half this rate.

*Because it is difficult to determine square footage for poster displays, the total square footage of the area used for IEEE's Poster Session will be determined and \$.25 per gross square foot will be charged.

The above rates reflect definite pricing in 1990.

The above rental agreement includes:

1. The exhibit facility as programmed.
2. General hotel lighting, heating and ventilation.

The above rental agreement does not include:

1. Carpeting of the Exhibit Hall.
2. Drayage and placement of display equipment.
3. Decoration and related services.
4. Guard services.
5. Labor, i.e., carpenters, electricians and draperymen.
6. Storage of any exhibit related material.
7. Lighting and electrical power.
8. Gas or water supply.
9. A one-time maintenance charge of \$500.00 for aisle and individual booth cleaning throughout and after the exhibit show.


INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 10

FIRE CODE ADHERENCE

It will be necessary that four (4) copies of your proposed exhibit floor plans be submitted to the San Diego Fire Marshall, with a copy to both your designated drayage company and Convention Services Manager. To ensure we adhere to all prevailing fire codes and regulations, the exhibit floor plans must be submitted at least ninety (90) days prior to your show date.

EXHIBITOR'S CONTRACT

It will be necessary that a copy of your proposed exhibitor's contract be submitted to our Convention Service Department prior to its printing and distribution. The reason is to ensure that the IEEE/ICNN and the Hotel are protected and that your exhibitor's have received complete information and instructions, as well as rules and regulations, governing exhibits at the Hotel.

HOLD HARMLESS CLAUSE

We submit the following "Hold Harmless" clause, which is part of our exhibitor rules and regulation and must be incorporated in your contract with the decorating company you select.

"The exhibitor assumes the entire responsibility and liability for losses, damages and claims arriving out of injury or damage to exhibitor's displays, equipment and other property brought upon the premises of the Hotel and shall indemnify and hold harmless the Hotel, agents, servants and employees from any and all such losses, damages and claims."

DRAYAGE

Due to the layout of the Hotel, we are unable to store display material and/or show merchandise. At the conclusion of your set up operation, all related equipment, crates, etc., must be removed from the premises and returned no later than the last day of the exhibit show period.


INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 11

DECORATOR

We will be pleased to advise you of our recommended decorators and will acknowledge and cooperate with whomever you desire to function in this capacity.

CHANGES, ADDITIONS, STIPULATIONS OR LINING OUT

Any changes, additions, stipulations, or corrective lining out by the IEEE/ICNN will not be binding to the Hotel until such additions, clauses, or stipulations have been approved by means of a corrected contractual agreement by the hotel.

VIP BOARD OF DIRECTORS DINNER

As a special sign of the San Diego Marriott Hotel & Marina's appreciation in being host to IEEE/ICNN, the Hotel would like to host a VIP Board Dinner for 15 people during your convention.

IMPOSSIBILITY

Should events beyond the control of the hotel or IEEE/ICNN, such as strikes, acts of God or civil disturbances materially affect either party's ability to perform, this agreement shall be terminated without prejudice.

CANCELLATION POLICY

If the hotel is advised that this definite booking is cancelled, a cancellation fee will be assessed. This fee will be based upon the percentage shown below. The percentage will be calculated by multiplying the group guest room rate in effect at the time the cancellation is submitted by the total room nights blocked according to the contract.

<u>Notification of Cancellation</u> <u>Prior to Arrival</u>	<u>Percentage of Estimated</u> <u>Total Room Revenue</u>
0 - 90 Days	75%
91 - 180 Days	60%
181 - 365 Days	40%
366 - Confirmation of Agreement	20%


INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 12

SECOND-OPTION DATES

A first-option commitment has been made to another organization over these dates. Every effort will be made to clear the existing option if you decide to confirm the above dates. To indicate your acceptance of this agreement, please initial each page and sign the enclosed copy as soon as possible. Once we have received the signed agreement we will request that the other group exercise its first-option. If they are unable to do so within three (3) working days, this contract will allow us to establish these arrangements on a definite basis and all conditions outlined in this contract will be final.

Annadru Conley
Director of National Accounts
SAN DIEGO MARRIOTT HOTEL & MARINA

Date



Robert J. Marks II
Chairman
IEEE Neural Network
Committee

7/17/89

Date



INITIAL

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990, 543-6061 or 543-2150
FAX: (206) 543-3842; marks@blake.acs.washington.edu*

July 20, 1989

Russell C. Eberhart, Treasurer
IEEE Neural Networks Committee
JHU Applied Physics Laboratory
John Hopkins Road
Laurel, MD 20707

Dear Russ:

The attached is for your information.

Sincerely,

Handwritten signature of Robert J. Marks II in cursive script.

Robert J. Marks II, Chair
IEEE Neural Networks Committee

RJM:ew
Att.

1989 IEEE Neural Networks Council Document
Robert J. Marks II Library Archive
International Joint Conference on Neural Networks
Finance Committee
Nicholas DeClaris, Chairman
Maureen Caudill, Vice Chair
Jean McCausland, Comptroller

Reply: 660 West Redwood Street - 150 Howard Hall
School of Medicine
University of Maryland
Baltimore, Md 21201

July 10, 1989

Ms. Nomi Feldman
Meeting Management
3770 Tomsy Street
San Diego, CA 92121

Dear Nomi:

I trust things have returned to normal by now after the hectic days of the Conference. I regret that the meeting we planned for getting together with you and Al Stubberud on the evening of June 23rd did not materialize. I purposely stayed over that day so that the three of us could review the financial status of the Conference at its closing hours.

I tried to reach you by phone for I have insufficient information regarding the total income of the Conference and I am indeed concerned. While eventually we do receive the bank deposit slips we also need the registration and other income data I asked you several times previously. I am especially troubled that as of today I have not as yet received the on-site registration and receipt information you promised me. The Finance Committee is very anxious to complete a Preliminary Report on the Financial Status of IJCNN89. Saturday I found out that such a report in fact required within two weeks after the closing of the Conference. The preliminary report Jean MacCausland and I issued on June 16, 1989 is incomplete for we are missing important data which you can readily supply us. Please send me, by FAX (301-328-8013) the following data:

1) the number of persons and amounts received at the Conference site in the following categories:

Regular Registration: members, students, nonmembers, students nm.
Tutorials Registration: as above.
Income from exhibitors,
Any other receipts: special registration fees,
extra person at reception,

Proceedings sales, etc.

2) dates and amount of money you deposited in the Union Bank upon your return to San Diego.

In addition I am asking you to query your computer database and provide me by return mail with a summary record of the Conference total income by the various categories (number of persons and total receipts) as follows:

Registration,
Tutorials,
Exhibits,

You recall that as a concrete expression of its full cooperation with you the Finance Committee advanced you a sum of more than \$15,000 that you felt you needed in order to have things flow smoothly at the Conference site. Please send us proper invoices and documentation at your earliest possible convenience. I take this opportunity to remind you that we make every effort to pay invoices within thirty days. However large amount invoices are carefully examined by the Finance Committee before paid and because of summer vacation schedules it is important that invoices on the amount of and exceeding \$10,000 must be received by Jean MacCausland before July 26, 1989 if they are to be paid during the month of August, other wise they will be paid after the second week of September. During the month of August we shall be able to process routine invoices for small amounts not exceeding \$2,500. In all cases it is important that invoices are accompanied by original bills. You were advised of the Finance Committee's decision to keep all official financial records for IJCNN89 - including itemized bill. Consequently if an original bill is not received by Jean MacCausland payment of an invoice will be delayed considerably - possibly more than a month. Please also remember that travel and hotel expenses for individuals whose names were not included in the approved budget must have the approval signature of one of the Conference General Chairs.

Sincerely,



Nicholas DeClaris

bc:Stubberud
Snyder
Caudill
McCausland

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990, 543-6061 or 543-2150
FAX: (206) 543-3842; marks@blake.acs.washington.edu*

July 18, 1989

Ms. Mel Bonaviso
IEEE Headquarters
345 East 47th Street
New York, NY 10017

Dear Mel:

Enclosed are original receipts from Professor Walter Karplus for expenses incurred in execution of his duties as Co-Chair of the 1990 International Conference on Neural Networks totaling to \$419.67. Please reimburse him from Neural Network Committee (NNC) funds as soon as possible.

Sincerely,

Robert J. Marks II

Robert J. Marks II, Chair *ew*
IEEE Neural Networks Committee

RJM:ew

Enc.

cc: Walter Karplus
Russell Eberhart (*Enc.*)



COMPUTER SCIENCE DEPARTMENT
SCHOOL OF ENGINEERING AND APPLIED SCIENCE
LOS ANGELES, CALIFORNIA 90024

July 10, 1989

Prof. Robert Marks
Department of Electrical Engineering
University of Washington
Mail Stop FT10
Seattle, Washington 98195

Dear Bob:

In accordance with your suggestion, I am submitting to you receipts and statements for two one day trips within California that I took in connection with the Neural Network Conference. I have put these on UCLA expense voucher forms. Please let me know if you need other documentation or information.

Best regards.

Very sincerely yours,

A handwritten signature in cursive script that reads "W. Karplus".

Walter J. Karplus, Professor
Computer Science Department

WJK:eb
Enclosure

1989 IEEE Neural Networks Council Document
 Robert J. Marks II Library Archive

See below for Airline Form, Serial Number

DELTA AIR LINES INC. PASSENGER TICKET AND BAGGAGE CHECK SUBJECT TO CONDITIONS OF SALE
 ENDORSEMENTS/RESTRICTIONS (CARBON)

DATE OF ISSUE: 02 JUN 89
 AIRLINE PASSENGER COUPON
 BOOKING REFERENCE: LK1410/EA
 ISSUED IN EXCHANGE FOR

JB TRAVEL COMPANY
 LOS ANGELES, CA
 05 83628-3/ A8

PASSENGER NAME: KARPLUS/WALTERDR NOT TRANSFERABLE

FROM	TO	CARRIER	FLIGHT	CLASS	DATE	TIME	STATUS	FARE BASIS	EXL. DESIGNATOR
LDS ANGELES	SAN DIEGO CA	DL	5772	B	09 JUN	930A	OK	BA/00	
SAN DIEGO CA	LOS ANGELES	DL	5779	Y	09 JUN	630P	OK	YI	
LOS ANGELES	VOID								
VOID	VOID								

FARE CALCULATION: 9 JUN 89 LAX DL SAN 64.81 DL LAX 69.44 USD 134.25 END

TAX: US 10.75

FORM OF PAYMENT: VI 4226 857 831 447 EXP 0291

TOTAL: USD 145.00

CONTROL NO: 15370765664

006 7092942047 2

000068

DO NOT MARK OR WRITE IN THE WHITE AREA ABOVE

4226 857 831 447

PEKING PALACE
 4080 025 900341
 5041190183

060889

5352886

WALTER J KARPLUS

02/91

SALES SLIP
 THIS FORM TO BE USED WITH
 MasterCard
 VISA

IMPORTANT: RETAIN THIS COPY FOR YOUR RECORDS.

DATE	SERVER
AUTHORIZATION	CASHIER
036309	
CHECK NO. (ENTIRE NO.)	
5352886	

PURCHASES	29.16
TAX	4.00
SERVER	
OTHER	
TOTAL	33.16



TRAVEL EXPENSE VOUCHER

1989 IEEE Neural Networks Council Document
Robert J. Marks Library Archive

89241

DATE 07-11-89	DEPT CODE	CLASS T	SEQ. NO. (2)
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NOTE: IF TRAVEL ADVANCES AND/OR PREPAYMENTS WERE ISSUED FOR THIS TRIP, ENTER THE ORDER NUMBER FROM THE ORIGINATING DOCUMENT.

CITY OF RESIDENCE (3)	UNIVERSITY EMPLOYEE (4) <input type="checkbox"/> YES <input type="checkbox"/> NO	FUNDING FOR THIS TRIP PROVIDED BY NON-UC SOURCE? (5) SOURCE: _____ AMOUNT: _____	UC HOME CAMPUS IF NOT LOS ANGELES (6)
(7) TRAVELER AND CHECK DISTRIBUTION Prof. W. J. Karplus 3732 Boelter Hall 159610		NON-UC EMPLOYEE HOME ADDRESS IF DIFFERENT FROM BOX 7 (IF NON-RESIDENT ALIEN INDICATE PERMANENT ADDRESS AND TYPE OF VISA). (8)	(10) TAX CODE
(11) PURPOSE OF TRIP Meet with Local Arrangements Committee In San Diego.		NON-UC EMPLOYEE SOCIAL SECURITY OR TAX IDENTIFICATION NUMBER, IF ALIEN, ATTACH STMT. OF CITIZENSHIP FORM (9)	(14) PASSENGERS WHO ARE UNIVERSITY EMPLOYEES MUST BE LISTED IN THE REMARKS SECTION (36)
		COMPLETE THIS SECTION WHEN PRIVATE CAR IS USED (12) LICENSE NO. _____ DOES CAR USED HAVE LIABILITY INSURANCE (13) <input type="checkbox"/> YES <input type="checkbox"/> NO	(15) Voucher Prepared by: _____ Telephone _____

PRIOR REIMBURSEMENTS AND PREPAID EXPENSES

(16) 1. AIRFARE: INVOICE # _____ AMOUNT \$ _____	TOTAL PREPAID EXPENSES (17)
2. REGISTRATION FEES: INVOICE # _____ AMOUNT \$ _____	
3. OTHER (PLEASE SPECIFY) _____ AMOUNT \$ _____	
4. OTHER (PLEASE SPECIFY) _____ AMOUNT \$ _____	

REIMBURSABLE EXPENSES

(19) Time of Departure and Return	(20) Day	(21) Subsistence					(27) Transportation					(33) Registration fee, foreign travel, business other expenses		(34) Daily Totals except Per Diem	
		(22) Per Diem Enter Hours	(23) Location Where Expenses Incurred	(24) Omit when claiming Per Diem Meals/incl. allow. Type		(25) Amount	(26) Cost of Lodging	(28) Between What Points? If round trip, use "RT"	(29) Private Car Mileage	(30) Cost of Transportation	(31) Type Used	(32) Parking tolls, car-fare, taxi, baggage, etc.	Type		Amount
LV 8:30AM	9							LAX-SAN DIEGO R/T		145.00	A				\$ 145.00
AR 10:30AM	9							Lunch for Local Committee				10.00			10.00
															33.16

(35) Total Hours on Travel Status: $\div 24 \text{ (hrs.)} =$ _____

3. up to 9 hrs. $\frac{1}{4}$ day (Per diem not allowed when total trip under 21 hours)
 9. up to 15 hrs. $\frac{1}{2}$ day
 15. up to 21 hrs. $\frac{3}{4}$ day
 21. up to 24 hrs. 1 day

Total days to nearest quarter: _____ X Authorized Per Diem \$ _____ = _____

(36) Remarks: _____

Advances (not on Amex Card) Invoice Number _____ Amount (37) _____

TOTAL REIMBURSABLE EXPENSES (38) \$ 188.16

Less Total Advances (39) _____

Balance Due (40) \$ 188.16

(41) Authorizing Signature for Payment: _____ Date: _____

(42) The above is a true statement of travel expenses incurred by me on official University business on the dates shown. Signature: *W. J. Karplus* Date: 7/11/89

(43) Total Cost of Trip (17 & 38) _____ (44) DEPARTMENT NAME & BUDGET _____

Regents * (39 greater than 38) Traveler (38 greater than 39)

* Attach refund check payable to The Regents of U.C.

LOC (45)	ACCOUNT (46)	CC (47)	FUND (48)	PROJECT (49)	SUB (50)	OBJECT (51)	SOURCE (52)	REFERENCE (53)	AMOUNT (54) MUST EQUAL (38)

SEE REVERSE SIDE FOR PRIVACY NOTIFICATIONS RETENTION PERIOD: 5 YEARS OR SUBJECT TO CONTRACT AND GRANT REQUIREMENTS

PASSENGER TICKET AND BAGGAGE CHECK SUBJECT TO CONDITIONS CONTAINED IN THIS TICKET
US AIR INC CONJUNCTION THROUGH
 ENDORSEMENTS/RESTRICTIONS (CARBON) **Robert J. Marks II Library Archive** **See below for Airline Form, Serial Number**

ARC PASSENGER COUPON ORIGIN/DESTINATION **JB TRAVEL COMPANY**
 DATE OF ISSUE **25 MAY 89** BOOKING REFERENCE **LIBVZJ/EA** **604930**
 ISSUED IN EXCHANGE FOR **LOS ANGELES** **05 83628-3/**

PASSENGER NAME **KARPLUS/WMR** NOT TRANSFERABLE

FROM	CARRIER	FLIGHT	CLASS	DATE	TIME	STATUS	FARE BASIS	TKT. DESIGNATOR	NOT VALID BEFORE	NOT VALID AFTER	ALLOW
LOS ANGELES	US	2917	H	27MAY	125P	OK	H				
SAN JOSE CAL.	US	2534	H	27MAY	805P	OK	H				
LOS ANGELES											
--VOID--											
--VOID--											

FARE: **USD 183.34** FARE CALCULATION: **27MAY89 LAX US 50C91.67US LAX91.67USD183.34ENDL**

TAX: **US 14.66**

TOTAL: **USD 198.00**

FORM OF PAYMENT: **VI4226 857 831 447 EXP 0291** ORIGINAL ISSUE: **000014** TOUR CODE: **10**

CPN: **037** AIRLINE CODE: **7092942015** SERIAL NUMBER: **5** ORIGINAL ISSUE: **0372**

CONTROL NO: **14501023766**

PRINTED IN U.S.A. BY HAND MANUALLY

IF IS ISSUED TO THE ISSUER OR RESULT OF RECALL WITH NO OTHER MARKS OR SERIAL NUMBER, IT IS VOID AND NOT VALID FOR TRAVEL.

DO NOT MARK OR WRITE IN THE WHITE AREA ABOVE



16-4 | 2117-0739 |
 Rental Agreement No.

SAN JOSE INTERNATIONAL AIRPORT
 1661 AIRPORT BLVD.
 SAN JOSE, CA 95110
 PHONE (408) 993-9000

FOR
**EMERGENCY
 ROAD SERVICE
 CALL**
 1-800-551-5060

27753239 3

For billing inquiries call 1-800-654-4173

TO BE PAID BY
 4226-857 831 447
 W J KARPLUS
 1119 LINDA FLORA DR
 LOS ANGELES CA 90024
 LOS ANGELES
 CA
 U C L A

* 1 CLUB NO. UPD C.D.P. I.D. NO. CREDIT
 177805 42494
 FORM OF PAY CASH ON RET. OTHER IDENTIFICATION
 USA
 DRIVER'S LICENSE NO. STATE EXPIRES
 B2053247 CA 042388
 VEHICLE TO BE RETURNED TO (CITY/STATE) LOC. NO
 SAN JOSE AP CA01276
 VEHICLE RENTED AT (CITY/STATE) AREA #
 INT'L AIRPORT, SAN JOSE, CA
 C2090217 N/A 825 97
 C4650/000/00/1600 D4950/000
 CR4410 6

LIABILITY PROTECTION LIMITS PROVIDED PER PARAGRAPH 10 UNLESS OTHER LIMITS ARE SHOWN HERE.
 INJURY PER PERSON INJURY PER ACCID

NOTICE: UNLESS A LESSER AMOUNT IS SHOWN BELOW, YOU ARE ALL LOSS OF OR DAMAGE TO THE RENTED VEHICLE EVEN IF SOME IT OR THE CAUSE IS UNKNOWN, EXCEPT FOR ACCIDENTAL FIRE OR YOU ARE RESPONSIBLE FOR THE COST OF REPAIR UP TO THE VALUE PLUS LOSS OF USE, TOWING, STORAGE, IMPOUND FEES, AND AIR CHARGE. YOUR OWN INSURANCE MAY COVER ALL OR PART OF YOU CHECK WITH YOUR INSURER ABOUT YOUR COVERAGE. HERTZ WILL NOT PROTECT YOU IF YOU USE THE CAR AS PROHIBITED UNDER THIS AGREEMENT. THE WAIVER COSTS \$9.00 FOR EACH FULL OR SIGNING BELOW YOU REPRESENT TO HAVE READ AND UNDERSTAND ALL TERMS AND CONDITIONS CONTAINED IN PARAGRAPHS 1 THROUGH 4 AND THAT YOU AGREE TO THEM.

THIS VEHICLE MAY NOT BE DRIVEN INTO MEXICO

L D W	ACCEPT X	DECLINE X	LOSS DAMAGE WAIVER (LDW) accept, at rate shown, or decline your responsibility for up to FULL of vehl except from accidental fire or Par. 4 of this agreement. LDW is
	NO CHARGE		
L I S	ACCEPT X	DECLINE X	LIABILITY INSURANCE SUPPLEMENTALS, you accept, at rate shown. You acknowledge reading coverage on the second copy of this
P A E I C	ACCEPT X	DECLINE X	PERSONAL ACCIDENT INSURANCE PERSONAL EFFECTS COVERAGE & PEC. You acknowledge reading coverage on the second copy of this

5K052589 119 USA

RA NUMBER 27753239-3
 RETURN DATE/TIME 05/27/89 20:29
 05/27/89 14:57
 RETURN LOCATION 1241-15
 RATE PLN/CLS AWE C
 MILEAGE IN 28986
 MILEAGE OUT 28946
 MILES DRIVEN 40
 MILES ALLOW 150

COMPUTATION

DAILY	27.96
1 @ 27.96	
SUBTOTAL	27.96
SUBTOTAL	27.96
FUEL & SVC	3.36
M @ 0.084	
TAX TOT	31.32
TAX 0.07000	2.19
TOT CHRG	33.51
NET	
DUE	33.51
PAYMENT GUAR CHG	
05/27/89 20:29,	
124115 9048	

TIME IN
 TIME OUT
 ALL NO.
 HICLE NO. 48836
 NO. STATE XAT55
 CHECK IN/CREDIT APP.
 BODY STYLE RATE CLS SUB UPG RATE PLAN OUT
 AWE
 A NO. VEH. CLS.
 DAYS 27.96
 PER EXTRA HRS.
 9.00
 EXT WKS. 04
 53.99
 MILES CHARGED MILES @
 @ EX30
 SERVICE CHARGE
 PER GALLON 1.99
 FUEL OUT FUEL IN 00%
 SUBTOTAL
 PROM. NO.
 SERVICE CHARGE 6.00
 ADDITIONAL CHARGES
 CONDITIONS - HIGHER RATES DROP CHARGES WILL APPLY IF NOT AT LEAST 1 RENTAL DAYS
 FUEL AND SERV. CHG.
 SUBTOTAL
 TAX 7% REIMBURSEMENT SURCHARGE
 LDW (DAILY)
 \$ N/A
 LIS (DAILY)
 \$ 5.00
 PAI & PEC (DAILY)
 \$ 3.00
 TOTAL CHARGES
 MISC.
 RES. CLASS C40R
 DEPOSIT 3 \$ NONE
 LESS DEPOSIT (If Any)
 NET DUE
 RECEIVED BY
 X

890525 1722 SJC 00285

Rental Agreement No. **27753239 3**

4-1-102 (1/89)

D.M.V. APPROVED LIABILITY INSURANCE CARRIED UNDER SELF-INSURED NO. 73

DO NOT PAY FROM THIS COPY ALL CHARGES SUBJECT TO AUDIT

Direct all inquiries to: THE HERTZ CORPORATION
 P.O. BOX 26141
 OKLAHOMA CITY, OK 73126



TRAVEL EXPENSE VOUCHER

1989 IEEE Neural Networks Council Document
Robert J. Marks II Library Archive
TV 89238

DATE: 07-11-89
ORDER NUMBER: T

NOTE: IF TRAVEL ADVANCES AND/OR PREPAYMENTS WERE ISSUED FOR THIS TRIP, ENTER THE ORDER NUMBER FROM THE ORIGINATING DOCUMENT.

CITY OF RESIDENCE (3)
UNIVERSITY EMPLOYEE (4) YES NO
FUNDING FOR THIS TRIP PROVIDED BY NON-UC SOURCE? (5) SOURCE: AMOUNT:
UC HOME CAMPUS IF NOT LOS ANGELES (6)
TRAVELER AND CHECK DISTRIBUTION (7) Prof. W. J. Karplus, 3732 Boelter Hall, 159610
NON-UC EMPLOYEE HOME ADDRESS IF DIFFERENT FROM BOX 7 (8)
NON-UC EMPLOYEE: SOCIAL SECURITY OR TAX IDENTIFICATION NUMBER (9)
(10) TAX CODE
(11) PURPOSE OF TRIP: Met with Prof. Goodman and Prof. Widrow regarding NCC.
COMPLETE THIS SECTION WHEN PRIVATE CAR IS USED (12)
LICENSE NO. (12)
DOES CAR USED HAVE LIABILITY INSURANCE (13) YES NO
PASSENGERS WHO ARE UNIVERSITY EMPLOYEES MUST BE LISTED IN THE REMARKS SECTION (36)
(15) Voucher Prepared by: Telephone

PRIOR REIMBURSEMENTS AND PREPAID EXPENSES (16)
1. AIRFARE: INVOICE # AMOUNT \$
2. REGISTRATION FEES: INVOICE # \$
3. OTHER (PLEASE SPECIFY) \$
4. OTHER (PLEASE SPECIFY) \$
TOTAL PREPAID EXPENSES (17)

REIMBURSABLE EXPENSES

Month/year (18)	Time of Departure and Return (19)	Day (20)	(21) Subsistence					(27) Transportation					(33) Registration fee, foreign travel, business other expenses		Daily Totals except Per Diem (34)
			(22) Per Diem Enter Hours	(23) Location Where Expenses Incurred	Omit when claiming Per Diem Meals/incld. allow. (24) Type (25) Amount (26) Cost of Lodging			(28) Between What Points? If round trip, use "RT"	(29) Private Car Mileage	(30) Cost of Transportation	(31) Type Used	(32) Parking tolls, car-fare, taxi, baggage, etc.	Type	Amount	
5 89	LV12:30PM	27							LAX-PALO ALTO R/T	198.00	A				\$ 198.00
	AR 2:30PM	27								33.51	RA				33.51
	AR10:00PM	27							PALO ALTO-LAX						

(35) Total Hours on Travel Status: 24 (hrs.) =
3, up to 9 hrs. 1/2 day (Per diem not allowed when total trip under 21 hours)
9, up to 15 hrs. 1/2 day
15, up to 21 hrs. 1/2 day
21, up to 24 hrs. 1 day
Total days to nearest quarter: X Authorized Per Diem \$ =

(36) Remarks: Advances (not on Amex Card) Invoice Number (37) Amount
TOTAL REIMBURSABLE EXPENSES (38) \$231.51
Less Total Advances (39)
Balance Due (40) \$231.51

(41) Authorizing Signature for Payment: [Signature] Date: 11/17/89
(42) The above is a true statement of travel expenses incurred by me on official University business on the dates shown.
(43) Total Cost of Trip (17 & 38)
(44) DEPARTMENT NAME & BUDGET

LOC (45)	ACCOUNT (46)	CC (47)	FUND (48)	PROJECT (49)	SUB (50)	OBJECT (51)	SOURCE (52)	REFERENCE (53)	AMOUNT (54) MUST EQUAL (38)
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SEE REVERSE SIDE FOR PRIVACY NOTIFICATIONS RETENTION PERIOD: 5 YEARS OR SUBJECT TO CONTRACT AND GRANT REQUIREMENTS

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990, 543-6061 or 543-2150
FAX: (206) 543-3842; marks@blake.acs.washington.edu*

July 18, 1989

Dr. Russell C. Eberhart, Treasurer
IEEE Neural Networks Committee
JHU Applied Physics Laboratory
John Hopkins Road
Laurel, MD 20707

Dear Russ:

The attached is for your information.

Sincerely,



Robert J. Marks II, Chair
IEEE Neural Networks Committee

RJM:ew
Att.

Transmittal Sheet-Telecopy

DIVISION OF MEDICAL INFORMATICS
150 HOWARD HALL

School of Medicine
University of Maryland
660 W. Reedwood St.
Baltimore, MD 21201

FAX # (301) 328-8013
Verification # (301) 328-8010

DATE: 7-17-89
COMPANY: E.E Dept / U of Washington
ATTENTION: Dr Robert J. Marks II
TELECOPY #: 206-543-3842

Message:

This should be of interest to you.
The "working budget" which was implemented
by the Finance Committee, if adhered to
can actually result in eliminating
the projected loss and even bring
a modest profit.
Best wishes

FROM:

Nicholas

TELEPHONE:

NO. OF PAGES: 3
(Including this cover)

IJCNN '89
International Joint Conference on Neural Networks
Finance Committee

Nicholas DeClaris, Chairman
Maureen Caudill, Vice Chair
Jean McCausland, Comptroller

July 14, 1989

This is a Preliminary Financial Status Report of IJCNN '89 as required to be completed after two weeks of the date of the conference. It is based on income data provided by Nomi Feldman, Conference Coordinator on July 12, 1989 regarding the total income received at the completion of the conference.

Income reported on July 12 as follows:

	\$
Registration	365,355
Tutorials	195,784
Exhibitors	42,690
Social	680
Proceedings	8,032
Total	612,541

The approved budget as prepared by the General Chairs of the conference is as follows:

	\$
IEEE loan	16,000.00
Promotion	79,100.00
Conference Publication	81,000
Social Functions	170,000
Administration	31,000
Committee Expenses	21,550
Chairman Funds	35,000
Tutorial Expenses	125,000
Total Expenses	578,650

Projected Bottom Line for the conference is as follows:

	\$
Total income	612,541
Budgeted expenses	578,650
Budgeted Seed Money for IJCNN '90	40,000
Projected Loss	6,109

The Finance Committee can trim items from the approved budget to eliminate the projected loss.



IJCNN 89
INTERNATIONAL
JOINT CONFERENCE
ON NEURAL NETWORKS
3770 Tansy Street
San Diego, CA 92121
TEL: (619) 453-6222 FAX: (619) 453-7930

*Sponsored by the IEEE Neural Network Committee
and the International Neural Network Society*

July 12, 1989

Nick de Claris, M.D.
8518 Beaufort Drive
Fulton MD 20759

Dear Nick:

Our data cannot be broken down by on-site categories.
Attached you will find the categories of the entire
conference.

After the completion of the conference, \$131,085.90
was deposited.

Total deposits to date: \$612,541.00

Registration	\$365,355.00
Tutorials	195,784.00
Exhibitors	42,690.00
Social	680.00
Proceedings	8,032.00

Cordially,

Nomi Feldman
Conference Coordinator

NF:jw

Enclosure

COUNT BY CATEGORY
Neural Networks IJCNN 89
Conference

<u>CATEGORIES</u>	<u>REGISTERED</u>
IEEE/INNS Member Up to March 15	227
IEEE/INNS Member Mar 15 to Apr 15	158
IEEE/INNS Member After April 15	583
Non-Member Up to March 15	75
Non-Member Mar 15 to Apr 15	71
Non-Member After April 15	436
Student	369
One Day/Member	39
One Day/Nonmember	25
No Charges Speakers/Committee	64
	<hr/>
	2047

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990, 543-6061 or 543-2150
FAX: (206) 543-3842; marks@blake.acs.washington.edu*

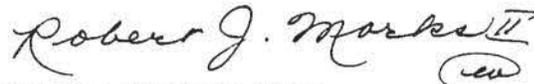
July 17, 1989

Professor Evangelia Tzanakou
Rutgers University
Biomedical Engineering
P.O. Box 909
Piscataway, NJ 08854

Dear Evangelia:

In response to the attached letter, please delete Kesh Bakhru's name from the list of NNC members and add Dr. Puckette's.

Sincerely,

A handwritten signature in cursive script that reads "Robert J. Marks II". The signature is written in dark ink and includes a small flourish at the end.

Robert J. Marks II, Chair
IEEE Neural Networks Committee

RJM:ew
Att.



IEEE

IEEE COMMUNICATIONS SOCIETY



Vice President - Technical Affairs
IEEE Communications Society

PLEASE REPLY TO:
Dr. Paul Green
IBM Research Division
P.O. Box 704
Yorktown Heights, NY 10598 USA
(914) 789-7337
CSNET pgreen@ibm.com
Telex: 137546
Nefax: (914) 789-7455

July 10, 1989

Prof. Robert J. Marks II
Dept. of Electrical Engrg., FT-10,
University of Washington,
Seattle, Washington 98195

Dear Prof. Marks,

Thanks for your very positive letter concerning Communication Society participation in the Neural Networks Council.

We would be pleased to supply two representatives to the NNC. For the moment, we wish to have Dr. Charles Puckette IV as our single representative until he is able to identify for us the optimum definition of who the second representative should be.

COMSOC's participation in NNC will be through its subsidiary Technical Committee on Communication Signal Processing and Electronics.

I am forwarding to Dr. Puckette all the material sent earlier to our Society President, Jack McDonald.

Sincerely,

A handwritten signature in black ink, appearing to read 'Paul E. Green, Jr.', with a long horizontal stroke extending to the right.

Paul E. Green, Jr.

cc: J.C. McDonald
C.M. Puckette IV
Curt Siller
Pat Trischitta

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990, 543-6061 or 543-2150
FAX: (206) 543-3842; marks@blake.acs.washington.edu*

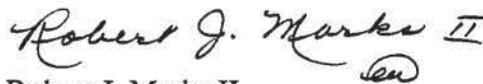
July 12, 1989

Ms. Nomi Feldman
Conference Coordinator
Meeting Management
5665 Oberlin Drive
San Diego, CA 92121

Dear Nomi:

Please release the names of the '89 IJCNN attendees to IEEE.

Sincerely,

A handwritten signature in cursive script that reads "Robert J. Marks II". There is a small circular mark or flourish at the end of the signature.

Robert J. Marks II
NNC Chair

RJM:ew

cc: Evangelia Tzanakou, NNC Secretary
Russ Eberhart, NNC Treasurer

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON

Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990, 543-6061 or 543-2150
FAX: (206) 543-3842; marks@blake.acs.washington.edu

July 12, 1989

Ms. Laura Jobmann
IEEE Conference Services
445 Hoes Lane
P. O. Box 1331
Piscataway, NJ 08855-1331

Dear Laura:

The IEEE Neural Networks Committee will be co-sponsoring the International Joint Conference on Neural Networks. The Co-Chairs of the 1990 Conference in San Diego are:

Professor Walter J. Karplus
Computer Science Department
UCLA
3732 Boelter Hall
Los Angeles, CA 90024

Professor Joseph W. Goodman
Dept. of Elec. Engineering
Stanford University
McCullough 150
Stanford, CA 94305-4055

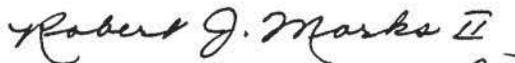
The Co-Chairs of the 1991 Conference in Seattle are:

Professor Demetri Psaltis
Calif. Inst. of Technology
Electrical Engineering Dept.
MS 116-81
Pasadena, CA 91125

Professor Nicholas DeClaris
8518 Beauford Drive
Fulton, MD 20759

Please send the standard IEEE conference material to these people.

Sincerely,



Robert J. Marks II, Chair
IEEE Neural Networks Committee

RJM:ew

cc: Evangelia Tzanakou, NNC Secretary

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990, 543-6061 or 543-2150
FAX: (206) 543-3842; marks@blake.acs.washington.edu*

July 12, 1989

Ms. Nomi Feldman
Conference Coordinator
5665 Oberlin Drive
San Diego, CA 92121

Dear Nomi:

On behalf of the Summer 1990 International Joint Conference on Neural Networks, I approve the enclosed contract with the San Diego Marriott dated June 27, 1989. I have initialed each page in the lower right hand corner.

Sincerely,



Robert J. Marks II, Chair
IEEE Neural Networks Committee

RJM:ew
Enc.

cc: Professor Walter Karplus, IJCNN-S Co-Chair
Professor Joseph Goodman, IJCNN-S Co-Chair
Professor Bernard Widrow, INNS President



San Diego Marriott
Hotel & Marina

333 West Harbor Drive
San Diego, California 92101-7709
619/234-1500
Fax: 619/234-8678

SAN DIEGO MARRIOTT HOTEL & MARINA
CONTRACTUAL AGREEMENT

Third Full Revision - June 27, 1989

We are confident that the information listed below, while constituting an agreement between the San Diego Marriott Hotel & Marina and IEEE/ICNN, will be helpful to you and your staff in the planning of your final program. We believe, by specifying conditions and services relative to your IEEE/ICNN in advance, we can assure a professional program to the credit of both IEEE/ICNN and the San Diego Marriott Hotel & Marina.

ORGANIZATION: IEEE - INTERNATIONAL CONFERENCE ON NEURAL NETWORK

FILE NUMBER: L006903

CONTACT: Ms. Nomi Feldman
Vice-President
Meeting Management

ADDRESS: 8770 Tansy Street
San Diego, CA 92121

PHONE #: (619) 453-6222

FUNCTION/PROGRAM: 1990 International Conference

HEADQUARTERS HOTEL: SAN DIEGO MARRIOTT HOTEL & MARINA

OFFICIAL DATES: June 13 - (24), 1990

ANTICIPATED ATTENDANCE: 1,500+ ppl

ROOM NIGHT COMMITMENT: 800 rooms

ROOM NIGHT PATTERN:

DAY:	WED	THU	FRI	SAT	SUN	MON
DATE:	6/13	6/14	6/15	6/16	6/17	6/18
ROOMS:	5	25	410	720	800	770

DAY:	TUE	WED	THU	FRI	SAT	SUN
DATE:	6/19	6/20	6/21	6/22	6/23	6/24
ROOMS:	700	410	50	25	5	0

INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 2

We will monitor the room pick up for the years predceding your IEEE/ICNN in San Diego and alter the above block of rooms, if necessary, based on your actual room utilization. We will of course, consult you prior to making any changes in your room block.

SUITES: This room commitment includes the following suites:

<u>Suite Type</u>	<u># Held</u>	<u>Arrival Date</u>	<u>Departure Date</u>
Presidential Suite	1	Fri. 6/15/90	Thurs. 6/21/90
Hospitality Suite	10	Sat. 6/16/90	Wed. 6/20/90
Junior Suite	1	Fri. 6/15/90	Thurs. 6/21/90

CHECK IN/CHECK OUT TIMES

Our check-in time is 4:00pm; check-out is 12:00pm. Guests arriving before 4:00pm will be accommodated as rooms become available. Our Bell Captain can arrange to check baggage for those arriving early when rooms are not available and for guests attending functions on their day of departure.

GUEST ROOM RATES

In anticipation of welcoming and serving the IEEE/ICNN, the San Diego Marriott Hotel & Marina is pleased to confirm the following group rates over the convention dates in June of 1990.

	<u>City View</u>	<u>Bay View</u>
Single Occupancy:	\$125 per night	\$138 per night
Double Occupancy:	\$135 per night	\$148 per night
Additional Person:	\$ 20 per night	\$ 20 per night
Suites:	\$300.00 - \$2,800.00 per night	

The above rates will be commissionable to Meeting Management at ten (10) percent.

STAFF ROOMS

We are pleased to set aside ten (10) City View rooms to be assigned expressly to your convention staff at a special rate of fifteen (15) percent less than the convention rate, or \$110.00. Special-rated rooms will not earn complimentary credits.

INITIAL

RAM

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 3

TAX

All sleeping room rates are subject to the applicable taxes at the time of check-out. Currently, these taxes are 8% per night and are subject to change.

SPECIAL ACCOMMODATIONS

As a sign of the Hotel's sincere interest in hosting the IEEE/ICNN, we will be pleased to upgrade ten (10) rooms to our Concierge Level. These rooms will be available June 15 - (21), 1990.

COMPLIMENTARY ROOMS

You will be entitled to one (1) complimentary room (unit) for every forty (40) rooms (units) actually occupied at the group rate. Should the block of rooms outlined in this agreement be 100% utilized, you would be entitled to ninety-eight (98) complimentary room nights. These room nights must be used during your actual convention dates and will be forfeited if not occupied.

A room night is one (1) room occupied for one (1) night, i.e., two (2) rooms occupied for three (3) nights equals six (6) room nights.

Suites are rated on a daily basis as follows:

Parlor Suite	=	2 Complimentary Units
Junior Suite	=	2 Complimentary Units
Executive Suite	=	4 Complimentary Units
Hospitality Suite	=	5 Complimentary Units
Presidential Suite	=	8 Complimentary Units
Manchester Suite	=	10 Complimentary Units
Marriott Suite	=	12 Complimentary Units
Admiral's Suite	=	14 Complimentary Units

The above suites are inclusive of one bedroom. Each additional bedroom added to the above suites will be equal to one (1) complimentary room unit.

INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 4

SPECIAL COMPLIMENTARY ARRANGEMENTS

We are pleased to offer you two (2) complimentary suites over and above our normal complimentary policy as well as one sleeping room.

<u>Suite Type</u>	<u>Arrival Date</u>	<u>Departure Date</u>
(1) Presidential Suite/ President of IEEE	Fri., 6/15/90	Thurs., 6/21/90
(1) Junior Suite/ Conference Coordinator	Fri., 6/15/90	Thurs., 6/21/90
(1) King Room/ Conference Assistant	Fri., 6/15/90	Thurs., 6/21/90

CUTOFF DATE

Thirty (30) days prior to your major arrival date, or May 15, 1990, we will release for sale the unused portion of your room commitment. Forty-five (45) days prior we will jointly review the unused portion of your block. If eighty percent (80%) of the total block is not picked up IEEE may guarantee, in writing, up to 10% but not less than twenty-five (25) rooms of the unreserved rooms. If IEEE does not wish to do so, all unreserved rooms will revert to the Hotel.

All reservations received within thirty (30) days of arrival will be accepted on a space available basis.

RESERVATIONS

It is our understanding that reservations will be made by reservation envelopes. The Hotel will provide envelopes three (3) times the number of guest rooms blocked on the peak night of your IEEE/ICNN. These reservation envelopes will be appropriately printed with the name of your meeting, rate and dates.

GUARANTEED RESERVATIONS

Reservation requests will be confirmed and guaranteed only if accompanied by one nights room deposit, or by the following major credit cards: American Express/Optimum, Carte Blanche, Diners Club, Master Card, Visa, or Discover Card with expiration date. The IEEE/ICNN may also guarantee room reservations.

INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 5

CREDIT ARRANGEMENTS

We understand that your attendees will be responsible for their own room, tax and incidental charges upon check out.

MASTER BILL & PAYMENT

It is our goal to maintain an accurate and updated Master Account on a daily basis. We would be pleased to have you review it with us each day which will help eliminate discrepancies as they occur. We will contact you to establish this daily appointment. Please note: We require 75% of the estimated Master Bill paid prior to departure.

Our terms are immediate payment upon receipt of statement. In the event such payment is not made within 25 days after receipt of the original statement it is agreed that the hotel may immediately impose a LATE PAYMENT CHARGE at the rate of 1 1/2% per month (ANNUAL RATE 18%) or the maximum allowed by law, on the unpaid balance. Reasonable cost of collection, including attorney's fees, will also be assessed.

Disputed charges will be subtracted from the final statement and the remaining total must be paid according to the above schedule. Upon resolution, we will re-bill the remaining charges to IEEE/ICNN and these must be paid within twenty-five (25) days after receipt of statement.

FUNCTION SPACE (FUNCTION RESERVATION INFORMATION AGENDA)

The confirmation agreement includes the enclosed function information agenda which outlines the reserved space based on your requirements. Please review the program and advise us at this time of any changes or additional space needs. We will make every effort to accommodate your needs, provided space is available.

This function information agenda is considered part of this contract and should be signed and returned with this document. This contract may be considered invalid until we receive the signed agenda.

INITIAL



TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 6

SIGNAGE

Exhibits, displays, table set-ups and signs placed outside the Hotel's meeting rooms require prior written consent from the Hotel management and Fire Marshall, if applicable. This includes any pre-function or public space area.

FACILITY SERVICE CHARGE

Any facility service charges specified on the function information agenda are based on your agenda, as outlined. Any changes to this agenda may be subject to rate review and revision, if warranted.

In consideration of your overall scheduled Food and Beverage functions and projected number of guest rooms, we are pleased to waive the customary rental charge for meeting and banquet space. The above waiver is predicated on your detailed agenda of programmed activities and the indicated attendances. Any reduction greater than 25% of the indicated attendance figures or total cancellation of Food and Beverage functions highlighted below will nullify the above waiver:

- A. Sunday, June 17th: Reception - 1000ppl
- B. Wednesday, June 20th: Reception - 2000ppl

The waiver does not include space held and not used after the six (6) month point indicated above.

Also, any reduction in room pick-up (total number of rooms occupied) greater than 20% of the original room block of total room nights may call for the institution of the rental scale as outlined below:

<u>Total Number of Room Nights Actually Occupied</u>	<u>Room Rental Per Day (Multiplied by 4 Meeting Days)</u>
3136 - 3920	Complimentary
2744 - 3135	\$2,000.00 (\$ 8,000.00 Total)
2352 - 2743	\$2,500.00 (\$10,000.00 Total)
1960 - 2351	\$3,000.00 (\$12,000.00 Total)
Less than 1,960	\$4,000.00 (\$16,000.00 Total)

INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 7

AMPLIFICATION

We will provide a permanent P.A. system in each of our major meeting facilities. A microphone or one microphone patch will be made available on a complimentary basis in each room where necessary and where audio connections are available.

AUDIO-VISUAL COMPANY

Should you require any audio-visual equipment, we recommend the services of our in-house audio-visual firm:

Photo and Sound
7719 Convoy Court
San Diego, CA 92111
(619) 565-2345

IN-HOUSE EQUIPMENT

The hotel will provide at no charge, a reasonable amount of meeting equipment, i.e., chairs, tables, blackboards, etc. The complimentary arrangement does not include special setups or extraordinary formats that would exhaust our present in-house equipment to the point of requiring rental of an additional supply to accommodate your needs. If such is the case, we will anticipate it in sufficient time as to present two (2) alternatives: the rental cost to your group for additional equipment, or the change of the extraordinary set up to a more normal format, avoiding the extra cost.

FOOD AND BEVERAGE

Our catering specialists look forward to creating menus and special arrangements for your planned food and beverage functions.

We will confirm all catering prices six (6) months prior to your arrival date.

Presently, our minimum catering selections are as follows:

Continental Breakfast - \$ 6.75 per person
Sit-Down Breakfast - \$11.00 per person
Lunch - \$15.00 per person
Dinner - \$23.00 per person

INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 8

FOOD AND BEVERAGE (Continued)

These quotations do not include any applicable California tax currently at 7%, and a taxable service charge of 17%.

You will be assigned a Catering Manager who will coordinate all phases of your banquet requirements, and function as a liaison with our service staff.

ROOM SERVICE (Hospitality Suite Policy)

Please note that all food and beverage served in Hospitality Suites and Parlors, must be purchased from the Hotel's Room Service Department. In the event that food or beverage is brought to the Hotel from outside sources, the corkage charges noted in the Room Service Directory will be applied to your Master Bill. When an associated vendor utilizes a Hospitality Suite these corkage charges will be applied to their account.

CONVENTION SERVICE DEPARTMENT

You will be contacted by your Convention Service Manager eighteen (18) months prior to your meeting. They will review and finalize your overall program needs and assure that everything is in order for a successful convention.

PARKING CHARGES

Parking charges for in-house guests are currently \$7.00 per day. The current non-guest rate is \$4.00 for 0-10 hours and \$7.00 for 10-24 hours.

COMPLIMENTARY PARKING PASSES

10 Complimentary Parking Passes will be provided to IEEE/ICNN for Staff/VIP cars. They will be valid 6/13 - (22)/1990.

EXHIBITS

It is our understanding that the primary nature of your exhibit is commercial and your requirements are 80-90 8 x 10 exhibit booths and a to-be-determined number of poster displays.

INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 9

EXHIBITS (Continued)

Set Up

The programmed exhibit area will be available to you at 8:00AM on Sunday, June 17, 1990.

Dismantle Time

It is understood that the exhibit area portion of your convention will have terminated and be completely clear of the hotel by 5:00PM on Thursday, June 21, 1990.

Rental (Garage)

Rental for exhibit space is currently \$.40 per net* square foot utilized. This is a per-day charge and applies to the utilization of our exhibit area over the designated show dates. Your set-up and dismantle days will be charged at half this rate.

*Because it is difficult to determine square footage for poster displays, the total square footage of the area used for IEEE's Poster Session will be determined and \$.25 per gross square foot will be charged.

The above rates reflect definite pricing in 1990.

The above rental agreement includes:

1. The exhibit facility as programmed.
2. General hotel lighting, heating and ventilation.

The above rental agreement does not include:

1. Carpeting of the Exhibit Hall.
2. Drayage and placement of display equipment.
3. Decoration and related services.
4. Guard services.
5. Labor, i.e., carpenters, electricians and draperymen.
6. Storage of any exhibit related material.
7. Lighting and electrical power.
8. Gas or water supply.
9. A one-time maintenance charge of \$500.00 for aisle and individual booth cleaning throughout and after the exhibit show.

INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 10

FIRE CODE ADHERENCE

It will be necessary that four (4) copies of your proposed exhibit floor plans be submitted to the San Diego Fire Marshall, with a copy to both your designated drayage company and Convention Services Manager. To ensure we adhere to all prevailing fire codes and regulations, the exhibit floor plans must be submitted at least ninety (90) days prior to your show date.

EXHIBITOR'S CONTRACT

It will be necessary that a copy of your proposed exhibitor's contract be submitted to our Convention Service Department prior to its printing and distribution. The reason is to ensure that the IEEE/ICNN and the Hotel are protected and that your exhibitor's have received complete information and instructions, as well as rules and regulations, governing exhibits at the Hotel.

HOLD HARMLESS CLAUSE

We submit the following "Hold Harmless" clause, which is part of our exhibitor rules and regulation and must be incorporated in your contract with the decorating company you select.

"The exhibitor assumes the entire responsibility and liability for losses, damages and claims arriving out of injury or damage to exhibitor's displays, equipment and other property brought upon the premises of the Hotel and shall indemnify and hold harmless the Hotel, agents, servants and employees from any and all such losses, damages and claims."

DRAYAGE

Due to the layout of the Hotel, we are unable to store display material and/or show merchandise. At the conclusion of your set up operation, all related equipment, crates, etc., must be removed from the premises and returned no later than the last day of the exhibit show period.

INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 11

DECORATOR

We will be pleased to advise you of our recommended decorators and will acknowledge and cooperate with whomever you desire to function in this capacity.

CHANGES, ADDITIONS, STIPULATIONS OR LINING OUT

Any changes, additions, stipulations, or corrective lining out by the IEEE/ICNN will not be binding to the Hotel until such additions, clauses, or stipulations have been approved by means of a corrected contractual agreement by the hotel.

VIP BOARD OF DIRECTORS DINNER

As a special sign of the San Diego Marriott Hotel & Marina's appreciation in being host to IEEE/ICNN, the Hotel would like to host a VIP Board Dinner for 15 people during your convention.

IMPOSSIBILITY

Should events beyond the control of the hotel or IEEE/ICNN, such as strikes, acts of God or civil disturbances materially affect either party's ability to perform, this agreement shall be terminated without prejudice.

CANCELLATION POLICY

If the hotel is advised that this definite booking is cancelled, a cancellation fee will be assessed. This fee will be based upon the percentage shown below. The percentage will be calculated by multiplying the group guest room rate in effect at the time the cancellation is submitted by the total room nights blocked according to the contract.

<u>Notification of Cancellation</u> <u>Prior to Arrival</u>	<u>Percentage of Estimated</u> <u>Total Room Revenue</u>
0 - 90 Days	75%
91 - 180 Days	60%
181 - 365 Days	40%
366 - Confirmation of Agreement	20%

INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 12

SECOND-OPTION DATES

A first-option commitment has been made to another organization over these dates. Every effort will be made to clear the existing option if you decide to confirm the above dates. To indicate your acceptance of this agreement, please initial each page and sign the enclosed copy as soon as possible. Once we have received the signed agreement we will request that the other group exercise its first-option. If they are unable to do so within three (3) working days, this contract will allow us to establish these arrangements on a definite basis and all conditions outlined in this contract will be final.

Annadru Conley
Annadru Conley
Director of National Accounts
SAN DIEGO MARRIOTT HOTEL & MARINA

June 27, 1989
Date

Nomi Feldman
Conference Chairman
IEEE/ICNN

Date

INITIAL

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990, 543-6061 or 543-2150
FAX: (206) 543-3842; marks@blake.acs.washington.edu*

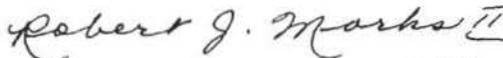
July 5, 1989

Dr. Nicholas DeClariss
8518 Beauford Drive
Fulton, MD 20759
FAX: (301)328-8013

Dear Nick:

The attached is for your information.

Sincerely,



Robert J. Marks II
NNC Chairman

(ew)

RJM:ew
Att.

bc: Russ Eberhart

There are 3 pages to this FAX transmission including this one.



IEEE SERVICE CENTER

THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.

445 HOES LANE, P.O. BOX 1331, PISCATAWAY, NJ 08855-1331, USA TEL. (201) 981-0060 TELEX 833233 FAX: (201) 981-0027

DIRECT NUMBER (201) 562-

3878

June 13, 1989

Mr. Wesley E. Snyder
North Carolina State University
ECE, Box 7911
Raleigh, NC 27695-7911

RE: 1989 IEEE/INNS INTERNATIONAL JOINT CONFERENCE ON NEURAL NETWORKS
Conference #2046

Dear Mr. Snyder:

Enclosed is IEEE's official acceptance of the submitted budget for the 1989 IEEE/INNS INTERNATIONAL JOINT CONFERENCE ON NEURAL NETWORKS, which is scheduled to be held in Washington, DC on June 19 -22, 1989.

We would like to remind you that IEEE Policy Statement 10.9N requires submission of a preliminary financial report within approximately three (3) months after the close of the meeting and a detailed financial report is required no later than six (6) months after the conference.

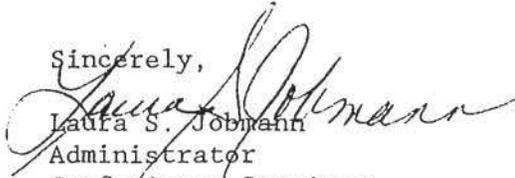
Also, IEEE Policy Statement 10.24 requires that all IEEE wholly sponsored conferences with actual income or expense totaling \$100,000 or more must have their financial records audited. Additionally, those conferences must advise IEEE of the manner in which their financial records will be audited if their budgeted income or expense totals \$75,000 or more. The Conference Committee shall select the audit team, which may be either professional or composed of individuals with no financial involvement with the conference.

Currently, the IEEE umbrella insurance policy applies to conferences in all Regions. However, if you plan to have any special tours, it is suggested that in Regions 1-7, you contact Mr. Charles Stewart, (212) 705-7769, at the New York Office. In Regions 8-10, inquire locally to determine whether additional insurance coverage is required.

If there are any questions regarding this budget acceptance, please feel free to contact me.

cc: R. Marks
E. Rosenberg

Sincerely,


Laura S. Jobmann

Administrator
Conferences Services



THE INSTITUTE OF ELECTRICAL
AND ELECTRONICS ENGINEERS, INC.

TECHNICAL ACTIVITIES BOARD

IEEE

345 East 47th Street
New York, N.Y. 10017-2394, U.S.A.

CONFERENCE BUDGET ACCEPTANCE

Conference Name: 1989 IEEE/INNS International Joint Conference on Neural
Networks
Conference #2046

Dates: June 19-22, 1989

Location: Washington Sheraton Hotel
Washington, D.C.

	GROSS CONFERENCE BUDGET	SPONSOR(S)/COSPONSOR(S)	% FINANCIAL SHARE
Receipts	\$684,378.00 (1)	NNC	40%
Expenses	\$587,650.00	Wash Sec	10%
Adv. loans	\$0.00	INNS	50%
Net Surplus	\$96,728.00		
Net % of Expenses	16%		

Remarks:

- (1) IEEE Headquarters anticipates to purchase 600 (1500 est. pgs.) copies of Conference Proceedings at an estimated acquisition cost of \$29.00 each per schedule C-1 (attached) "Payment to Conference".

ACCEPTANCE FOR S/C AND REGIONS AND SECTIONS

S/C/Reg/Sec Representative	S/C/Reg/Sec Affiliation	Letter Date	Phone Date
R. J. Marks	NNC Chairman	05/17/89	
W. E. Snyder	Conference Co-Chairman	12/15/89	
*R. L. Rawls	Chairman-IEEE Washington Sect.	04/12/89	

*Section Advised Information Only

Distribution:

Mr. Robert J. Marks, II
University of Washington
Dept. of Electrical Engineering, FT-10
Seattle, WA 98105

Mr. Wesley E. Snyder
North Carolina State University
ECE, Box 7911
Raleigh, NC 27695-7911

ACCEPTANCE FOR IEEE

Jana S. Gohmann 06/12/89
 Manager, Conference Activities Date

W. E. Snyder 6/14/89
 Director, Technical Activities Date

J. H. ... 6/14/89
 General Manager Date

cc: IEEE Controller's Office

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990, 543-6061 or 543-2150
FAX: (206) 543-3842; marks@blake.acs.washington.edu*

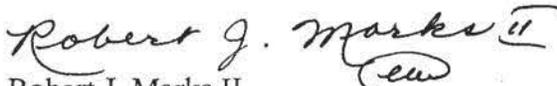
July 5, 1989

Ms. Mel Bonaviso
IEEE Headquarters
345 E. 47th Street
New York, NY 10017

Dear Mel:

Please reimburse Herb Rauch in the amount of \$168.00 from the Neural Network Committee account. The original receipts are attached.

Sincerely,

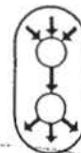

Robert J. Marks II
NNC Chairman

RJM:ew
Att.

cc: Herb Rauch
Russ Eberhart, NNC Treasurer



NEURAL NETWORKS



Herbert E. Rauch, Editor
IEEE TRANSACTIONS ON
NEURAL NETWORKS
Lockheed 92-20/254 E
3251 Hanover Street
Palo Alto, CA 94304 USA
(415) 424-2704

June 30, 1989

BILL TO IEEE FROM HERBERT E. RAUCH

Receipts enclosed.

This is for one page insert (about 2500 copies)
for the IJCNN in Washington DC June 18-22, 1989.

\$ 168.00
TOTAL

(619)
453-6222

3770 tansy
san diego
california
92121

m e e t i n g m a n a g e m e n t

June 27, 1989

Dr. Herbert E. Rauch
Lockheed 92-20/254 E
3251 Hanover Street
Palo Alto CA 94304

Dear Herb:

Enclosed is an invoice from SOS
Printing for \$168. Please pay
them directly as soon as
possible.

Cordially,

Nomi
Nomi Feldman
Conference Coordinator

NF:jw

Enclosure

H. E. RAUCH MARJORIE ANN RAUCH 401 DRACENA LANE PH. 415-948-4977 LOS ALTOS, CA 94022		1301 30 JUNE 89 19 11-24/214 (2108)
PAY TO THE ORDER OF	SOS PRINTING INC	\$ 168.00
ONE HUNDRED AND SIXTY-EIGHT AND ^{XX} DOLLARS 100		
LOS ALTOS OFFICE WELLS FARGO BANK 100 MAIN STREET, LOS ALTOS, CA 94022		
MEMO	IEEE TRANS ON NN	<i>H. E. Rauch</i>

INVOICE # 23174

SOS Printing, Inc.
8135 Ronson Road
San Diego, CA 92111
(619) 292-1800

DATE: 06/14/89
DUE DATE: 07/14/89

SALESPERSON: Brad
P.O. NO.:
TERMS: NET 30
PHONE: 4536222

IEEE
3770 Tansy Street
San Diego, CA 92121
Attn: Accounts Payable

QTY	ITEM	JOB#	AMOUNT
2000	Transactions Publication Letter	*174	\$98.00

SUBTOTAL	\$98.00
TAX (if applicable)	\$0.00
SHIPPING	\$70.00

TOTAL AMOUNT DUE \$168.00

Terms: Net 30 days - 1 1/2% (18% per annum) will be charged on all accounts past due. An overrun or underrun of ten percent shall constitute fulfillment of order.

Customer Copy

10-05-89

CONSTITUTION AND BYLAWS
FOR THE IEEE COUNCIL ON NEURAL NETWORKS

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990 (office), 543-6061 (secretary),
543-2150 (main office), 776-8995 (home);
(206) 543-3842 (FAX); marks@blake.acs.washington.edu

July 31, 1989

Ms. Nomi Feldman
Conference Coordinator
Meeting Management
5665 Oberlin Drive
San Diego, CA 92121

Dear Nomi:

Enclosed is a copy of the contract between Meeting Management and IJCNN '90. We are delighted to continue our relationship with you.

Please note the handwritten addendum on page 7. This budget revision was an issue that arose in our discussion at the previous IJCNN but was not addressed. This clause, of course, assumes Meeting Management's submission of a statement concerning room commissions after the conferences.

In order for the contract to be valid, I must receive a contract copy with your *original* signature and initials by the addenda on page 7 and page 9.

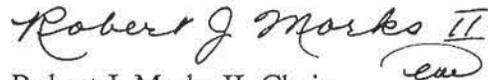
As you know, it is very important for our planning process to be able to anticipate the timing of receipts and major expenditures. Accordingly, the conference Chairmen expect from you within 30 days, a detailed "cash flow schedule" including among other items the dates and amounts of payments that you expect from the IEEE that will have to be made to the hotel, printers, vendors, etc.

Also, please do your utmost to inform potential attendees of the availability of alternative hotel space. Please be as helpful as possible in this regard.

Ms. Nomi Feldman
Page 2
July 31, 1989

In addition, we expect from you a statement detailing the compensation you expect to receive from the Marriott and, after a conference, a full report.

Sincerely,

A handwritten signature in cursive script that reads "Robert J. Marks II". The signature is written in dark ink and is positioned above the typed name.

Robert J. Marks II, Chair
IEEE Neural Networks Committee

RJM:ew
Enc.

cc: W. Karplus, Conference Co-Chair
J. Goodman, Conference Co-Chair
R. Eberhart, NNC Treasurer
B. Widrow, INNs President
Laura Jobmann, IEEE Conference Services

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990 (office), 543-6061 (secretary),
543-2150 (main office), 776-8995 (home);
(206) 543-3842 (FAX); marks@blake.acs.washington.edu*

July 31, 1989

Professor Walter Karplus, General Co-Chair
IJCNN Summer 1990
UCLA
3732 Boelter Hall
Los Angeles, CA 90024

Professor Joseph W. Goodman, General Co-Chair
IJCNN Summer 1990
Stanford University
McCullough 150
Stanford, CA 94305-4055

Dear Walter and Joe:

Enclosed is the contract between Meeting Management (Nomi Feldman) and IJCNN '90. The contract calls for a \$10,000 advance on Nomi's fee plus \$15,000 in advance for expenses. My understanding is that a portion of this will come from the NNC and a portion from the local San Diego IEEE Section. Your contact in the NNC is the NNC Treasurer:

Dr. Russell C. Eberhart
JHU Applied Physics Laboratory
John Hopkins Road
Laurel, MD 20707
(301) 953-5037

The current President of the San Diego section, I believe, is:

Michael J. Aronstein
4015 Hancock Street, Suite 101
San Diego, CA 92110
(619) 224-3240

Professor Walter Karplus
Professor Joseph W. Goodman
Page 2
July 31, 1989

A fair scenario would be up front money in the same ratio as profit sharing. Please coordinate this however you feel appropriate so that Nomi can be paid in accordance to our contract with her.

Best regards,

Robert J. Marks II
(ew)
Robert J. Marks II, Chair
IEEE Neural Networks Committee

RJM:ew
Enc.

cc: Russell C. Eberhart, NNC Treasurer

3770 tansy
san diego
california
92121

consultants
and coordinators

conventions
meetings

(619)
453-6222

conferences
symposia

m e e t i n g m a n a g e m e n t

June 30, 1989

Prof. Robert Marks
Interactive Systems Design Lab.
Dept. of Electrical Eng./FT-10
University of Washington
Seattle WA 98195

Dear Bob:

Enclosed are the two contracts for IEEE/IJCNN-90 with the changes, as we discussed last week.

Please call me if you have any questions, otherwise I will expect to receive from you the signed contracts.

Cordially,



Nomi Feldman
Conference Coordinator

NF:jw

Enclosures: 2

3770 tansy
san diego
california
92121

consultants
and coordinators

conventions
meetings

(619)
453-6222

conferences
symposia

m e e t i n g m a n a g e m e n t

June 1, 1989

INTERNATIONAL JOINT CONFERENCE ON NEURAL NETWORKS

San Diego Marriott Hotel
June 17-21, 1990

The following services will be provided by Meeting Management for the International Joint Conference on Neural Networks to be held June 17-21, 1990, at the San Diego Marriott Hotel, San Diego, California.

A. Site Selection

Examine and select appropriate site for the Conference.

B. Advance Planning

1. Work with Program Chairs to develop timetable of dates and deadlines.
2. Work with the Program Committees to develop the meeting program format, its timing for publication and promotion, and coordinate the groups involved with the facilities available.

C. Conference Headquarters

1. Serve as secretariat address and office for the conference, before, during and after the meeting throughout the year.
2. Act as clearing center for all correspondence, telephone inquiries, registration, income/expenses, receipts, forms, etc.

D. Travel Arrangements

Negotiate with airlines for best price and service to the destination city. Arrange for complimentary flights for the speakers, if available.

E. Program Coordination

1. Coordinate with committees on design of special room arrangements for each session.
2. Contact speakers and session chairs to determine their specific audio-visual requirements and to communicate specific program instructions.
3. Arrange for audio-visual equipment and projectionists for all scientific sessions in accordance with each speaker's requirements.

F. Design and Printing

1. Receive program copy from Program Chairs. Assist in preparation of general copy and supervise printing for preliminary mailings.
2. Arrange for typesetting, graphic design, layout and printing of announcements.
3. Prepare and print advance registration cards and hotel reservation forms to be included in mailings.
4. Assist in the preparation of general copy and supervise printing of the Final Meeting Program.
5. Design, prepare copy and print final program, exhibit program, badges, tickets for the tutorials and social functions, signs, special information material, and conference packets, subject to approval of committee.

F. Design and Printing (continued)

6. Arrange and supervise printing of abstracts and proceedings. Camera-ready abstracts will be provided by Chair. Typesetting of cover, table of contents and pagination will be arranged by Meeting Management.

G. Mailings

Handle all arrangements for mailings. Negotiate with mailing house for best price and service. Supervise completion of mailings.

H. Mailing Lists

Select best sources of mailing lists with guidance of Chair.

I. Journals

Place announcements and advertisements in relevant journals. Send announcements to secretaries of societies. List of Journals to be provided by Chair.

J. Technical and Scientific Exhibits

1. Assist Exhibit Chair with solicitation of exhibitors.
2. Handle all arrangements for exhibitors, including designation of space, formation of booths, decorations, drayage, et al.

K. Proceedings

1. Receive abstracts/papers and forward to Program Chair for review. Process and log papers.
2. Send abstracts/papers to reviewers as indicated by Program Chair. Coordinate the review process.
3. Receive accepted and edited, or rejected abstracts from reviewers.

K. Proceedings (continued)

4. Send letters of acceptance or rejection to authors.
5. Prepare Proceedings for printing. Provide table of contents, author index, pagination and prepare Proceedings for printing.
6. Select printer and publisher on basis of competitive bids. Supervise publication.

L. Poster Sessions

1. Notify authors of day, time and location of their presentation, and send them instructions for the format of the posters.
2. Map the poster session area and obtain appropriate numbers of poster boards.
3. Provide poster numbers and necessary supplies.
4. Monitor poster sessions throughout the meeting.

M. Advance Registration

1. Develop systems and procedures for receipt and processing of advance registration forms.
2. Maintain accurate financial records of all advance registration income.
3. Prepare receipts, badges and packets for all registrants. Issue ribbons as appropriate.
4. Respond to requests for forms and information.

N. Meeting Site Arrangements

1. Reconfirm adequate meeting space with hotel.
2. Coordinate program elements and instruct hotel regarding exact floor layout, anticipated attendance, audio-visual equipment, signs and all other requirements.

N. Meeting Site Arrangements (continued)

3. Arrange for sleeping rooms for speakers. Arrange for additional rooms in neighboring hotels for low budget rooms.
4. Arrange catering functions - determine per plate costs, plan menu and coordinate all catering activities.
5. Supervise performance of hotel personnel during entire conference.

O. Registration

1. Type badge for each current registrant and insert in pin-on cover.
2. Prepare information packet for each attendee which will contain badge, final program, city information and any other material deemed appropriate.
3. Hire registrars, cashiers and typists for registration desks to distribute Conference packets to advance registrants and to process current registrants.
4. Provide city information and general hospitality service to registrants.
5. Provide message center.

P. On-Site Conference Management

1. Staff registration desks during the entire period of the conference.
2. Supervise the performance of the hotel during the entire duration of the meeting and resolve any problems arising during the conferences.
3. Supervise set-up and arrangements of booth set-up for the exhibitors.
4. Serve as a coordination point for Conference personnel. Organize, maintain and administer on-site Conference office.

P. On-Site Conference Management (continued)

5. Inspect meeting room set-up daily to verify that it is properly prepared in accordance with specifications.
6. Hire security guards and supervise their activities on site.
7. Work with local tour operators on social programs.
8. Supervise local transportation, as required.
9. Display up-to-date lists of registrants and their affiliations.

Q. Social Events

Arrange for adequate space, transportation, guest lists, invitations, reservations, menus, guarantees, flowers, decorations, ticketing, overall coordination for events as scheduled.

R. Fiscal Responsibility

1. Receive and deposit advance, current registration fees and tutorial fees in a special bank account.
2. Deposit contributions, exhibit fees and Proceedings fees.
3. Approve bills for items ordered by Meeting Management.
4. Prepare complete financial report showing:
 - a. The number of participants registered and amount of registration fees received and outstanding.
 - b. Number of exhibitors and fees received for exhibit booths.
 - c. Detailed account of all other income.

R. Fiscal Responsibility (continued)

- d. An accounting of all bills paid, by Meeting Management, listed by category as indicated in the budget.
- e. IJCNN will advance \$15,000 as an initial payment for Conference operating expenses by July 15, 1989. The remaining Conference expenses will be submitted for payment as they become due.

S. Post Conference Activities

1. Maintain office address on a year-round basis, if desired, for late mail, inquiries, etc.
2. Save records for use for following year.

Compensation

The fee for the services listed in this Agreement shall be as follows:

\$16,000.00 for less than 500 registrants;

\$28,000.00 for more than 500 but less than 1000 registrants;

\$35,000.00 for more than 1,000 through 1,500 registrants, inclusive;

For every registrant above 1,500 IEEE IJCNN '90 will pay Meeting Management \$20 per registrant. Hotel room commissions will be applied towards the amount due; and

\$10,000.00 shall be paid on account upon your signing of this agreement, the remainder to be paid at the completion of the conference.

If the \$10,000 advance and room commissions exceed the stated fee, the overage will be returned to IJCNN '90 by Meeting Management.

RJM 7/29/89

Agency

It is understood that the relationship created is one of agent and principal and it is not intended, nor shall it be construed, to be joint venture with respect to the conference. As your agent, I shall be empowered to make such contractual arrangements as are required to provide the services set forth above. You will indemnify your agent and hold it harmless against any and all damages, liabilities or causes of action, including reasonable attorneys' fees, incurred or arising through or proximately resulting from the faithful performance of its duties herein.

Liabilities

All expenses and liabilities incurred in the performance of the services set forth above including, but not limited to, printing, mailings, telephone services, employee wages, shall be paid by the Conference. While it is anticipated that the Conference will result in a surplus, nothing herein contained shall be construed as a guarantee. Should the expenses exceed the income, IEEE and the International Joint Conference on Neural Networks will be expected to pay the excess.

If the Conference shall be cancelled or not held for any reason IEEE IJCNN '90 will be liable for all expenses incurred by Meeting Management up to date of cancellation. In addition, Meeting Management will receive as compensation the following:

1. If the conference cancellation occurs more than nine months before the scheduled conference date, one-half of the initial \$10,000.00 payment on account.
2. If the conference cancellation occurs between the sixth and ninth months, inclusive, before the scheduled conference date, the entire initial \$10,000.00 payment on account;

Liabilities (continued)

3. If the conference cancellation occurs between the third and fifth months, inclusive, before the scheduled conference date, one-half of the \$35,000.00 fee for 1,000 to 1,500 registrants, and;
4. If the conference cancellation occurs less than three months before the scheduled conference date, the entire \$35,000.00 fee for the 1,000 to 1,500 registrants.

Form of Agreement

This agreement constitutes the entire agreement between the parties pertaining to the subject matter contained in it and supersedes all prior or contemporaneous agreements, representations, modifications and understandings of the parties. Any supplements, modifications or amendments of the agreement will be binding only if executed in writing by all of the parties hereto.

Terms approved and agreed to:

Robert Marks

Date

Nomi Feldman

Nomi Feldman
Conference Coordinator

June 30, 1989

Date

m e e t i n g m a n a g e m e n t

June 1, 1989

INTERNATIONAL JOINT CONFERENCE ON NEURAL NETWORKSSan Diego Marriott HotelJune 17-21, 1990

The following services will be provided by Meeting Management for the International Joint Conference on Neural Networks to be held June 17-21, 1990, at the San Diego Marriott Hotel, San Diego, California.

A. Site Selection

Examine and select appropriate site for the Conference.

B. Advance Planning

1. Work with Program Chairs to develop timetable of dates and deadlines.
2. Work with the Program Committees to develop the meeting program format, its timing for publication and promotion, and coordinate the groups involved with the facilities available.

C. Conference Headquarters

1. Serve as secretariat address and office for the conference, before, during and after the meeting throughout the year.
2. Act as clearing center for all correspondence, telephone inquiries, registration, income/expenses, receipts, forms, etc.

D. Travel Arrangements

Negotiate with airlines for best price and service to the destination city. Arrange for complimentary flights for the speakers, if available.

E. Program Coordination

1. Coordinate with committees on design of special room arrangements for each session.
2. Contact speakers and session chairs to determine their specific audio-visual requirements and to communicate specific program instructions.
3. Arrange for audio-visual equipment and projectionists for all scientific sessions in accordance with each speaker's requirements.

F. Design and Printing

1. Receive program copy from Program Chairs. Assist in preparation of general copy and supervise printing for preliminary mailings.
2. Arrange for typesetting, graphic design, layout and printing of announcements.
3. Prepare and print advance registration cards and hotel reservation forms to be included in mailings.
4. Assist in the preparation of general copy and supervise printing of the Final Meeting Program.
5. Design, prepare copy and print final program, exhibit program, badges, tickets for the tutorials and social functions, signs, special information material, and conference packets, subject to approval of committee.

F. Design and Printing (continued)

6. Arrange and supervise printing of abstracts and proceedings. Camera-ready abstracts will be provided by Chair. Typesetting of cover, table of contents and pagination will be arranged by Meeting Management.

G. Mailings

Handle all arrangements for mailings. Negotiate with mailing house for best price and service. Supervise completion of mailings.

H. Mailing Lists

Select best sources of mailing lists with guidance of Chair.

I. Journals

Place announcements and advertisements in relevant journals. Send announcements to secretaries of societies. List of Journals to be provided by Chair.

J. Technical and Scientific Exhibits

1. Assist Exhibit Chair with solicitation of exhibitors.
2. Handle all arrangements for exhibitors, including designation of space, formation of booths, decorations, drayage, et al.

K. Proceedings

1. Receive abstracts/papers and forward to Program Chair for review. Process and log papers.
2. Send abstracts/papers to reviewers as indicated by Program Chair. Coordinate the review process.
3. Receive accepted and edited, or rejected abstracts from reviewers.

K. Proceedings (continued)

4. Send letters of acceptance or rejection to authors.
5. Prepare Proceedings for printing. Provide table of contents, author index, pagination and prepare Proceedings for printing.
6. Select printer and publisher on basis of competitive bids. Supervise publication.

L. Poster Sessions

1. Notify authors of day, time and location of their presentation, and send them instructions for the format of the posters.
2. Map the poster session area and obtain appropriate numbers of poster boards.
3. Provide poster numbers and necessary supplies.
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R. Fiscal Responsibility (continued)

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UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990 (office), 543-6061 (secretary),
543-2150 (main office), 776-8995 (home);
(206) 543-3842 (FAX); marks@blake.acs.washington.edu*

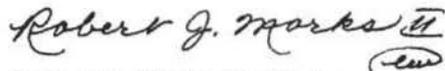
July 31, 1989

Dr. Russell C. Eberhart
JHU Applied Physics Laboratory
John Hopkins Road
Laurel, MD 20707

Dear Russ:

The attached TAB report is for your information.

Sincerely,



Robert J. Marks II, Chair
IEEE Neural Networks Committee

RJM:ew
Att.



IEEE

THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.
345 EAST 47TH STREET, NEW YORK, N.Y. 10017-2394, U.S.A. TELEX 236411

July 24, 1989

DIRECT NUMBER (212) 705- 7891

TO: Officers, ALL Societies/Councils
FROM: Mel Bonaviso, TAB Finance Administrator
SUBJECT: Financial Statement of Operations

Enclosed is the Financial Statement of Operations for your Society/Council covering the period January 1st through June 30th, 1989, together with member and subscriber statistics as of 6/30/89.

If you have any questions or if I can be of assistance please contact me.

encs.

cc: TAB OpCom
TAB Finance Committee



DATE 07/14/89

IEEE OPERATING FINANCIAL STATEMENT

PAGE 50

NEURAL NETWORKS COMM

STAFF ENGELSON
 COORDINATOR

(000 OMITTED)

FOR THE PERIOD ENDING JUNE 30, 1989

PROJECT/PROGRAM NAME	P CODE	INCOME		EXPENSE					NET SURPLUS (DEFICIT)			
		ANNUAL BUDGET	YEAR TO DATE		ANNUAL			YEAR TO DATE		ANNUAL BUDGET	YEAR TO DATE	
			BUDGET	ACTUAL	BUDGET	COMMITTED	AVAILABLE	BUDGET	ACTUAL		BUDGET	ACTUAL	VARIANCE
NON-PERIODICAL SALES	924		25.5								25.5	25.5
			N/A									
OTHER	924		.3		.4	(.4)			.4		.1	(.1)
			N/A						N/A			
TOTAL			25.8		.4	(.4)			.4		25.4	25.4
			N/A						N/A			

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PGM NAME: GFINRA79 REPORT PROCESSED ON 07/14/89
 NEURAL NETWORKS COMM
 FOR THE PERIOD ENDING JUNE 30, 1989

ANNUAL BUDGET INCOME	Y.T.D. TOTALS	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
NON PERIODICAL SALES													
CONF PUB OOP NET 8924501001													
3													
A	25.5	25.5											
TOT NON PERIODICAL													
B													
A	25.5	25.5											
OTHER													
OTHER MISC 8924890000													
3													
A	.3					.3							
TOT OTHER													
B													
A	.3					.3							
TOTAL INCOME													
3													
A	25.8	25.5				.3							
EXPENSES													
HDQTS.SERV.TO COMM.													
ADCOM 9924741001													
3													
A	.1					.1							
TOT HDQTS.SERV.TO C													
B													
A	.1					.1							
COMM.ACT.EXT.COSTS													
AD COMM 9924741002													
3													
A	.3						.3						
TOT COMM.ACT.EXT.CO													
B													
A	.3						.3						
TOTAL EXPENSES													
3													
A	.4					.1	.3						

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MEMBER SOCIETY AND SUBSCRIPTION STATISTICS AS OF 06/30/89

PAGE NO. 1

ENTIRE INSTITUTE TOTALS

HIGHER GRADES										TOTALS									
SOC	PUB	STUDENT	REG	RET	MIN	JNEAP	TOTAL	AFFILS	SUB	MEMBS	ARRFARS	ACT/ARR	EXTRA	ACTIVE	ARR PRIOR	ACT/ARR	LTD		
ASSP	01									MEMBS	MEMBS	MEMBS	CPYS	CPYS	YR CPYS	CPYS	SRVC		
		2675	10798	91	51	57	10997	7		13679	3368	17047					93		
		1001	10608	57	51	54	10770	7					21	13468	3350	16818			
		1092	159	5	0	4	168	0						174	35	209			
		1391	640	5	3	5	654	1						795	229	1027			
		1392	5	0	0	0	5	0						7	4	11			
BT	02	256	2002	135	3	17	2157	2		2415	490	2905					100		
		1011	1905	92	3	17	2025	2					1	2283	485	2768			
		1012	35	1	0	0	37	0						38	9	47			
AP	03	1062	6124	164	32	27	6347	3		7412	1640	9052					75		
		1041	5985	141	32	27	5155	3					8	7257	1526	8883			
		1042	104	4	0	0	108	0						110	25	135			
CAS	04	2497	10283	95	71	42	10495	2		12995	3654	16559					60		
		1051	6655	64	53	27	6802	1					12	8484	2720	11204			
		1052	138	1	0	2	141	0						143	28	171			
		1391	3889	5	27	11	3932	1				6	5045	1499	6544				
		1392	45	0	0	0	46	0						51	18	69			
		4101	4072	23	20	13	4130	0				14	4849	1197	6046				
		4102	80	0	1	1	82	0						83	10	93			
		4301	127	2	0	0	129	0						136	55	191			
		4302	5	0	0	0	5	0						5	2	7			
NPS	05	202	2489	85	6	15	2598	156		2956	541	3497					74		
		1061	1795	47	5	13	1860	118					2	2096	428	2524			
		1062	39	1	0	1	41	1						42	7	49			
		1071	868	14	1	3	891	50				1	1051	204	1255				
		1072	13	2	0	0	15	0						16	2	19			
		1381	140	2	0	1	143	22						170	49	219			
		1382	2	1	0	0	3	0						3		3			
VT	05	214	2335	133	8	13	2489	2		2705	481	3185					67		
		1091	2255	115	7	13	2391	2					1	2507	478	3085			
		1092	39	1	1	0	40	0						41	9	50			
R	07	154	3642	92	7	15	3757	10		3921	776	4597					52		
		1091	3575	73	7	15	3671	10					8	3840	772	4612			
		1092	52	0	0	0	52	0						55	11	66			
CE	08	627	4262	174	25	39	4499	5		5131	1527	6658					77		
		1021	4141	143	25	33	4352	5					6	4987	1516	6503			
		1022	83	1	0	0	84	0						87	15	102			
IN	09	430	4473	132	29	19	4651	4		5085	1323	6409					88		
		1101	4344	93	28	17	4482	4					6	4921	1312	6233			
		1102	89	3	0	1	93	0						94	18	112			
		4301	103	2	0	0	105	0						114	58	172			
		4302	3	0	0	0	3	0						3	1	4			
AES	10	1242	7350	229	8	41	7628	7		9877	2630	11507					134		
		1111	7172	161	8	39	7380	7					6	9533	2620	11253			
		1112	121	7	0	3	131	0						134	16	150			

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ENTIRE INSTITUTE TOTALS

MEMBER SOCIETY AND SUBSCRIPTION STATISTICS AS OF 06/30/89

PAGE NO. 2

HIGHER GRADES

TOTALS

SJC		SUB		HIGHER GRADES							TOTALS							
ABBR	SJ3	ID	STUDENT	REG	RET	MIN	ONE4P	TOTAL	AFFILS	MEMBS	ARREARS	ACT/ARR	EXTRA	ACTIVE	ARR	PRIOR	ACT/ARR	LTD
		1351	19	175	0	1	0	175	0				1	196	65		261	
		1352	0	1	1	0	0	2	0					2	2		4	
		4301	2	105	1	0	1	107	0					109	48		157	
		4302	0	3	2	0	0	5	0					5	1		6	
IT	12	1080	4002	45	3	25	4079	7		5166	1015	5181						24
		1121	1077	3910	39	3	25	3979	7				5	5367	1011		6079	
		1122	4	91	3	0	2	96	0					100	12		112	
		1351	60	270	0	0	2	272	1				1	334	126		460	
		1352	0	7	1	0	0	8	0					8			8	
IE	13	721	5343	101	38	39	5521	1		5243	1605	7845						49
		1131	720	5259	89	38	39	5424	1				2	6147	1597		7744	
		1132	1	59	0	0	0	59	0					60	14		74	
EM	14	562	7419	159	36	54	7659	118		8348	1842	10190						105
		1141	559	7299	131	36	54	7520	118				5	8202	1834		10036	
		1142	3	59	1	0	1	61	1					65	20		85	
ED	15	1146	8803	99	40	51	8992	4		10142	1753	11895						75
		1151	732	6129	35	25	31	6219	2				15	6958	1118		8086	
		1152	3	95	1	0	1	101	0				1	105	17		122	
		3041	1143	8577	73	40	50	8845	4				13	10005	1756		11761	
		3042	3	75	0	0	1	76	0					79	13		92	
		4101	137	2540	10	11	13	2574	1				11	2723	510		3233	
		4102	1	21	1	0	1	23	0					24	9		33	
		4301	15	185	1	3	0	189	0					204	82		286	
		4302	1	0	0	0	0	0	0					1			1	
		4501	97	664	2	3	4	573	2				1	773	264		1037	
		4502	1	8	0	0	0	8	0					9	3		12	
C	15	11346	60458	699	559	402	62118	20495		93959	19492	113451						183
		1151	1632	8560	65	45	53	8723	1594				10	11959	2989		14948	
		1162	2	232	1	0	2	238	7					247	57		304	
		1171	1080	8263	19	45	47	8374	4505				18	14078	3708		17786	
		1172	5	174	3	0	0	177	14					196	42		238	
		1351	1054	4342	5	33	25	4405	1146				3	6509	2083		8692	
		1352	4	79	1	0	1	80	7					91	18		109	
		1471	550	3237	7	48	20	3312	1627				5	5494	2		5496	
		1472	1	25	0	0	0	26	3					30			30	
		3001	11316	59982	627	557	400	61566	20473				44	93399	19482		112881	
		3002	15	335	5	2	2	345	23					385	81		465	
		3061	1133	7445	29	51	51	7577	3294				17	12021	3085		15106	
		3062	5	69	2	0	0	71	5					81	31		112	
		3071	1389	11810	59	111	97	12067	2281				11	15748	4462		20210	
		3072	3	142	2	0	0	144	8					155	42		197	
		3111	724	4525	9	30	25	4590	665				9	5988	2022		8010	
		3112	4	46	1	0	0	47	2					53	22		75	
		3121	1589	14230	57	95	85	14467	8772				21	24849	5067		29916	

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MEMBER SOCIETY AND SUBSCRIPTION STATISTICS AS OF 06/30/89

PAGE NO. 3

ENTIRE INSTITUTE TOTALS

		HIGHER GRADES										TOTALS							LTD
SOC	PUB	ID	STUDENT	REG	RET	MIN	JNEM	TOTAL	AFFILS	MEMBS	ARREARS	ACT/ARR	EXTRA	ACTIVE	ARR	PRIO	ACT/ARR	SRVC	
A393	SJ3	3122	3	107	3	0	0	110	10					123	34		157		
		3151	1276	9856	44	109	43	9057	3959				8	14300	4090		18390		
		3152	2	71	1	0	0	72	10					84	28		112		
		4101	80	1207	9	7	9	1232	50			3		1365	384		1749		
		4102	1	29	0	0	0	23	0					29	19		48		
		4301	0	1	0	0	0	1	0					1	385		386		
		4302	0	0	0	0	0	0	0						10		10		
MTT	17	1354	9971	123	54	45	45	9198	9	10561	2349	12910						54	
		1181	1299	8454	105	47	43	8646	8				12	9265	2240		12205		
		1182	0	132	2	1	2	137	0			1		138	26		164		
		4101	174	925	9	8	4	946	1					1121	368		1489		
		4102	0	13	0	0	1	14	0					14	3		17		
		4301	27	273	0	7	2	282	0					309	118		427		
		4302	0	4	1	0	1	6	0					6	2		8		
EMB	13	1262	5131	131	33	35	35	5330	83	5675	1739	8413						70	
		1191	487	3161	60	21	19	3261	57				4	3809	737		4546		
		1192	4	42	3	0	0	45	0					49	18		67		
		1351	56	205	1	1	0	207	3					266	97		363		
		1352	0	0	1	0	0	1	0					1	1		2		
		1391	215	861	11	11	9	892	8			3		1119	302		1421		
		1392	1	13	1	0	1	15	0					16	3		19		
		3091	1254	5038	109	33	35	5215	83			3		6555	1722		8277		
		3092	3	45	3	0	0	48	0					51	16		67		
CJM	19	3214	22616	420	152	150	150	23348	245	25807	5332	32139						198	
		1201	1305	9630	132	58	53	9873	62				21	11261	2365		13626		
		1292	5	156	1	0	2	159	0					164	30		194		
		1411	798	5580	42	54	43	6719	65			8		7590	1506		9096		
		1412	5	70	0	0	1	71	0					76	10		86		
		3021	3201	22335	337	152	143	22993	245			27		26456	5335		31792		
		3022	5	178	2	0	2	182	0					187	32		219		
		3171	500	7170	43	43	43	7304	131			7		7942	1769		9711		
		3172	1	50	0	0	0	50	0					51	15		66		
		4101	21	323	4	2	2	331	0					352	147		499		
		4102	0	5	0	0	0	6	0					6	1		7		
		4301	57	797	1	7	4	809	3			1		980	313		1193		
		4302	0	0	0	0	0	0	0					9	2		11		
UFFC	20	160	1735	35	5	0	0	1736	5	1951	393	2344						23	
		1211	132	1605	25	5	7	1643	5				6	1796	365		2151		
		1212	1	25	2	0	1	28	0					29	8		37		
		1351	1	23	1	0	1	25	0					26	12		39		
		1391	7	113	3	0	1	117	0					124	23		147		
		1392	0	3	0	0	0	3	0					3			3		
		4101	37	157	1	1	3	152	0					199	67		266		
		4102	1	2	1	0	0	3	0					4	2		6		

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ENTIRE INSTITUTE TOTALS

HIGHER GRADES										TOTALS								
SJC	PUB	ID	STUDENT	REG	REF	MIN	JNEP	TOTAL	AFFILS	MEMBS	ARREARS	ACT/ARR	EXTRA	ACTIVE	ARR	PRDN	ACT/ARR	LTD
SJ3																		
A33R		4301	1	30	0	0	0	30	1					32	13		45	
		4302	0	0	0	0	0	0	0						1		1	
CHMT	21	1221	225	3793	93	13	23	3922	31	4178	1075	5253		4398	1075		5173	34
		1222	216	3725	85	13	23	3847	31				4	55	14		69	
		4191	69	467	2	0	0	469	1					539	421		960	
		4102	0	5	0	0	0	6	0					6	3		9	
DE	22	230	1566	88	1	3	1663	11	1904	564	2468			1812	560		2372	70
		4201	230	1506	55	1	9	1571	11					27	6		33	
		4202	0	22	4	0	1	27	0									
CS	23	1779	7504	52	75	35	7677	19	3474	2480	11954							35
		1231	1777	7409	49	75	34	7566	19				13	9374	2470		11844	
		1232	2	92	1	0	2	95	0					97	24		121	
		1351	62	239	1	2	2	244	1					307	112		419	
		1352	0	1	0	0	0	1	0					1	3		4	
RA	24	1056	4474	42	5	33	4559	145	5760	1945	7705							
		1461	1053	4423	41	5	33	4507	144				105	5307	1934		7743	
		1462	3	56	1	0	0	57	1					51	20		81	
E	25	267	2441	84	5	23	2553	9	2829	491	3320							54
		1241	267	2377	65	5	23	2470	9				1	2747	488		3235	
		1242	0	32	1	0	0	33	0					33	7		40	
PC	25	176	2122	83	10	25	2241	78	2495	588	3083							30
		1251	176	2079	70	10	25	2185	75				2	2441	583		3024	
		1252	0	40	1	0	0	41	0					41	8		49	
EMC	27	213	3118	93	6	10	3227	3	3443	520	3963							27
		1261	212	3067	84	6	10	3167	3				3	3385	519		3904	
		1262	1	54	0	0	0	54	0				1	56	9		65	
SMC	29	728	3430	60	7	23	3520	39	4287	1092	5379							25
		1271	725	3364	49	7	22	3442	39				2	4208	1085		5293	
		1272	3	60	3	0	1	64	0					57	13		80	
		1351	64	330	5	2	5	342	4					410	120		530	
		1352	0	3	0	0	0	3	0					3			3	
GRS	29	233	1863	34	2	5	1904	58	2195	491	2686							26
		1281	232	1821	25	2	5	1853	58					3	2145	487	2633	
		1282	1	29	2	0	0	31	0					32	4		36	
SIT	30	251	2038	93	2	11	2144	9	2404	627	3031							14
		1401	251	2013	87	2	11	2113	9				1	2374	622		2995	
		1402	0	17	2	0	0	19	0					19	6		25	
PE	31	1082	19569	1321	259	105	21255	5	22342	3322	25664							757
		1421	158	2822	55	56	10	2943	0				14	3115	949		3964	
		1422	0	81	2	0	0	83	0					83	19		101	
		1431	155	3539	75	91	15	3710	0				14	3979	936		4815	
		1432	0	98	2	0	0	100	0					100	22		122	
		1441	264	4087	65	83	22	4257	0				14	4535	1138		5673	

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ENTIRE INSTITUTE TOTALS

HIGHER GRADES													TOTALS						
ABBR	SJC	PUB	ID	STUDENT	REG	RET	MIN	UNEMP	TOTAL	AFFILS	MEMBS	MEMBS	ACT/ARR	EXTRA	ACTIVE	ARR PRIOR	ACT/ARR	LTD	
	SUB													CPYS	CPYS	YR CPYS	CPYS	SRVC	
			1442	1	95	3	0	0	99	0					99	23	122		
			3081	1077	19057	965	259	105	20387	5				5	21174	3329	24803		
			3082	1	99	5	0	1	105	0					106	20	126		
DEI	32		75	1809	93	16	8	1917	11	2003	312	2315						58	
			1301	74	1741	73	16	9	1843	11				8	1936	313	2249		
			1302	1	21	0	0	0	21	0					22	2	24		
MAG	33		225	3043	91	8	13	3157	90	3472	659	4130						42	
			1311	225	2973	77	8	17	3075	89				6	3395	656	4051		
			1312	0	49	2	0	1	52	1					53	7	60		
			2331	0	61	0	0	1	62	2					64	19	83		
IA	34		379	8994	519	34	49	9545	2	13027	1400	11427						295	
			1321	376	8768	392	34	49	9293	2				3	9574	1389	11063		
			1322	3	75	1	0	0	77	0					80	19	99		
PEL	35		509	3438	57	13	22	3530	1	4040	937	4977						1	
			4501	509	3409	55	13	22	3500	1				4	4014	931	4945		
			4532	0	34	1	0	0	35	0					35	11	46		
LEJ	35		1404	4896	41	23	29	4989	77	5470	1838	8308						16	
			1341	661	3308	25	20	13	3372	69					4101	2439	6540		
			1342	4	49	2	0	1	52	1					57	22	79		
			1481	1397	4823	35	23	28	4909	76				2	6384	1828	8212		
			1482	4	58	2	0	1	61	1			1	67	20	87			
			4101	27	120	1	2	3	126	3					156	69	225		
			4102	0	4	0	0	1	5	1					6	2	8		
			4301	175	1137	5	12	7	1152	10			1	1348	308	1656			
			4302	2	15	0	0	1	15	1					19	4	23		
			4601	47	65	0	0	0	65	0					112	1	113		
			4602	1	1	0	0	0	1	0					2		2		
			0000	0	0	0	0	0	0	0									
PAMI PRINTED-	1351	1315	5584	14	39	35	5572	1155					5	9148	2515	10763			
PAMI MICRO-	1352	4	90	4	0	1	95	7						106	24	130			
MIC PRINTED-	1391	371	1754	22	14	15	1806	31					3	2211	603	2814			
MIC MICRO-	1392	2	24	2	0	1	27	0						29	7	36			
JSSC PRINTED-	4101	1260	9811	64	51	44	9970	55					28	11304	3163	14467			
JSSC MICRO-	4102	4	160	2	1	4	167	1						172	49	221			
JLT PRINTED-	4301	303	2758	13	29	14	2914	14					2	3133	1380	4513			
JLT MICRO-	4302	3	39	3	0	2	44	1						48	23	71			
JECM PRINTED-	4601	144	729	2	3	4	738	2					1	995	265	1150			
JECM MICRO-	4602	2	9	0	1	0	10	0						11	3	14			
MCCD PRINTED-	3131	3904	21043	235	0	194	21382	105						25291	6992	32283			

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ENTIRE INSTITUTE TOTALS

HIGHER GRADES										TOTALS									
*****										*****									
ABBR	SJ3	ID	STUDENT	REG	RET	MIN	UNEMP	TOTAL	AFFILS	ACTIVE MEMBS	ARREARS MEMBS	ACT/ARR MEMBS	EXTRA CPYS	ACTIVE CPYS	ARR PRIJR YR	ACT/ARR CPYS	LTD SRVC		
MC&D	MICRO-	7132	11	238	5	0	5	248	1					260	40	309			
SM	PRINTED-	1451	0	0	0	0	0	0	0										
SM	MICRO-	1452	0	0	0	0	0	0	0										
TOT SOC MEMBERSHIP 39036				252328	6003	1698	1535	261554	21752	322352	70299	392651					3084		
CAS	54		79	991	3	0	2	996	85	1159	320	1479					1		
		1391	78	979	2	0	2	983	84				1	1146	319	1465			
		1392	0	13	0	0	0	13	1					14	2	16			
C	65		293	2828	18	0	18	2864	21	3178	1211	4389							
		3051	74	452	4	0	0	456	6					545	184	730			
		3052	0	2	0	0	0	2	0					2		2			
		3071	91	1025	5	0	11	1042	2					1135	418	1553			
		3072	0	14	0	0	0	14	0					14	2	16			
		3111	48	315	0	0	0	316	1					365	187	552			
		3112	0	2	0	0	0	2	0					2	2	4			
		3121	45	402	4	0	7	413	5					453	231	694			
		3122	0	5	0	0	0	5	0					5		5			
		3151	73	980	0	0	5	994	10					1077	410	1487			
		3152	1	3	0	0	0	3	0					4	3	7			
EMB	69		76	335	4	0	2	342	26	444	179	623							
		1191	76	330	4	0	2	335	26					438	179	617			
		1192	0	7	0	0	0	7	0					7		7			
COM	69		183	3571	22	0	20	3613	910	4706	1706	6412							
		3171	191	3539	22	0	20	3580	908				1	4570	1692	6362			
		3172	2	37	0	0	0	37	2					41	17	58			
		3181	0	0	0	0	0	0	0		1	1							
DET	82		7	687	32	0	4	723	3	733	118	851							
		3141	7	683	31	0	4	718	3					728	116	844			
		3142	0	4	1	0	0	5	0					5	3	8			
		4501	0	0	0	0	0	0	0		1	1							
MIC	99		40	364	3	0	2	369	59	468	151	629							
		1391	40	364	3	0	2	369	59					468	160	629			
		1382	0	0	0	0	0	0	0						2	2			
SPEC	100		24	449	15	0	0	464	0	488	106	594							
		5001	23	313	9	0	0	321	0					344	88	432			
		5002	1	136	9	0	0	144	0					145	21	166			
PROC	101		2307	26750	675	0	157	27582	1	29890	5262	36152							
		5011	2300	26407	655	0	156	27218	1				32	29551	6241	35792			
		5012	7	395	20	0	2	417	0					424	68	492			
		132	0	1	0	0	0	1	0	1	883	884							
		5021	0	1	0	0	0	1	0					1	883	884			
EMR	104		1	1126	0	0	11	1137	0	1138	210	1348							

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ENTIRE INSTITUTE TOTALS

HIGHER GRADES										TOTALS								
ABBR	SOC	PUB	ID	STUDENT	REG	RET	MIN	JNE4P	TOTAL	AFFILS	ACTIVE MEMBS	ARRARS MEMBS	ACT/ARR MEMBS	EXTRA CPYS	ACTIVE CPYS	ARR PRIOR YR CPYS	ACT/ARR CPYS	LTD SRVC
			3011	1	1115	0	0	11	1127	0					1128	208	1335	
			3012	0	10	0	0	0	10	0					10	2	12	
STM	105		1377	854	1	0	17	872	872	0	2249	1549	3798					
			5061	1377	854	1	0	17	872	0					2249	1548	3797	
			5062	0	0	0	0	0	0	0						1	1	
DIR	107			3	930	23	0	2	955	29	887	275	1162					
			5071	3	930	23	0	2	955	29				2	989	275	1164	
EEA	300			0	6	0	0	0	6	0	6	3	9		6	3	9	
			6091	0	6	0	0	0	6	0								
CCA	305			0	4	0	0	0	4	0	4		4		4		4	
			5011	0	4	0	0	0	4	0								
ECA	315			0	7	0	0	0	7	0	7	2	9		7	2	9	
			6031	0	7	0	0	0	7	0								
ECP	320			0	1	0	0	0	1	0	1	2	3		1	2	3	
			5041	0	1	0	0	0	1	0					1	2	3	
PA	321			0	1	0	0	0	1	0	1		1					
			6021	0	1	0	0	0	1	0					1		1	
			325	0	0	0	0	0	0	0		4	4					
			6051	0	0	0	0	0	0	0						4	4	
			6052	0	0	0	0	0	0	0						1	1	
CPE	330			2	45	0	0	0	45	0	47	18	65					
			6101	2	45	0	0	0	45	0				1	48	18	66	
CPC	331			1	31	0	0	0	31	0	32	5	37					
			5111	1	31	0	0	0	31	0				1	33	5	38	
CPP	332			0	9	0	0	2	11	0	11	5	16					
			6121	0	9	0	0	2	11	0				1	12	5	17	
MBEC	353			0	1	0	0	0	1	0	1	2	3					
			6531	0	1	0	0	0	1	0					1	2	3	
PSA	400			0	80	2	0	0	82	0	82	17	99					
			6201	0	80	2	0	0	82	0					82	17	99	
RC	401			3	36	0	0	0	36	0	39	18	57					
			5211	3	36	0	0	0	36	0					39	18	57	
AI	402			6	102	0	0	1	103	3	112	55	167					
			5221	6	102	0	0	1	103	3					112	55	167	
TC	403			1	89	1	0	0	90	1	91	30	121					
			6231	1	89	1	0	0	90	1					91	30	121	
EC	404			1	51	0	0	1	52	0	53	23	76					
			5241	1	51	0	0	1	52	0					53	23	76	
SD	405			0	59	0	0	0	59	0	59	15	73					
			6251	0	59	0	0	0	59	0					59	15	73	
MP	406			0	15	0	0	1	17	0	17	4	21					
			5251	0	15	0	0	1	17	0					17	4	21	
EI	407			0	32	1	0	0	33	0	33	12	45					
			5271	0	32	1	0	0	33	0					33	12	45	
AP	408			1	33	0	0	0	33	0	34	11	45					

ENTIRE INSTITUTE TOTALS

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		H I S T O R Y				S U B S C R I P T I O N				T O T A L S							
SOC	PUB	STUDENT	REG	REF	MIN	JNEMP	TOTAL	AFILLS	MEMBS	ARRARS	ACT/ARR	EXTRA	ACTIVE	ARR	PRIOR	ACT/ARR	LTD
ID										MEMBS	MEMBS	CPYS	CPYS	CPYS	CPYS	CPYS	SRVC
ABBR	5291	1	33	3	0	3	33	0	39	13	52		34	11		45	
DE	5291	0	39	3	0	3	39	0									
CEP	6301	0	10	3	0	3	10	3	10	5	15		10	5		15	
CCS	6311	1	25	3	0	1	26	3	27	13	40		27	13		40	
SE	6321	1	50	3	0	1	51	4	56	23	79		56	23		79	
AM	6331	0	12	3	0	3	12	0	12	9	21		12	9		21	
MV	6341	1	18	3	0	1	19	1	21	4	25		21	4		25	
MK	6351	0	13	3	0	3	13	0	13	3	16		13	3		16	
MT	6361	1	13	3	0	1	14	0	15	4	19		15	4		19	
	417	1	37	0	0	1	37	0	39	11	50		39	11		50	
	418	1	37	0	0	1	38	0	39	11	50		39	11		50	
	419	1	7	0	0	3	7	1	9	9	9		9	9		9	
SUBSCRIPTION TOTALS 4419			39611	903	0	245	10556	1144	45210	13293	59503						

*****ACTIVE NITP SOCIETY MEMBERSHIP*****		*****AVERAGE NUMBER*****		*****ACTIVE WITHOUT SOCIETY MEMBERSHIP*****		*****TOTAL ACTIVE MEMBERSHIP*****	
#	NUMBER	#	SOC. JOINED	#	SOCIETY NUMBER	#	MEMBERSHIP
HIGHER GRADES	152643	53.0	1.7	91063	37.0	243706	
STUDENTS	22641	50.0	1.7	22227	50.0	44868	
TOTAL	175284	61.0	1.7	113290	39.0	288574	

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ASSP	001	100-1	393	297	38	37	282	174	418	12	11	22	53	219	138	347	835	912		
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MASSP	001	310-1	94	84	10	10	27	24	49	1	1	2	9	26	20	37	155	165		
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BC	002	101-1	71	51	12	12	56	34	83	6	3	9	24	51	45	86	171	201		
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AP	003	104-1	337	237	23	23	237	158	342	10	14	24	47	152	118	294	694	744		
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CAS	004	105-1	338	274	25	25	216	137	324	15	15	30	52	249	147	283	764	800		
		-2	15	15	2	2	0	0	0	0	0	0	0	5	5	0	22	22		
CAD	004	139-1	209	166	11	11	110	79	182	5	6	11	19	94	53	134	349	423		
		-2	10	10	1	1	0	1	1	0	0	0	0	1	1	0	13	13		
NS	005	106-1	254	176	18	18	152	99	218	5	6	11	7	125	33	164	501	456		
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VY	006	108-1	85	70	17	17	92	45	127	2	1	3	19	50	33	113	198	250		
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IT	012	112-1	338	253	21	20	193	127	302	9	9	18	38	229	105	240	724	708		
		-2	9	9	1	1	0	0	0	0	0	0	0	3	3	0	13	13		
IE	013	113-1	174	137	18	18	115	100	201	21	18	39	55	150	149	191	470	544		
		-2	7	7	0	0	0	0	0	0	0	0	0	1	1	0	8	8		

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ED	015	115-1	408	289	23	23	234	143	329	6	4	10	37	287	93	277	865	744	
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C	015	115-1	730	584	52	50	369	297	603	19	33	52	84	459	237	472	1,571	1,526	
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SE	015	117-1	635	538	56	55	405	337	668	26	21	46	71	335	186	502	1,384	1,494	
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PAMI	015	135-1	324	271	30	29	202	134	321	2	9	11	36	185	92	240	682	714	
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KDE	016	147-1	46	46	8	8	13	18	31	3	0	3	7	10	12	23	82	100	
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M-C	015	300-1	993	839	111	94	365	322	599	23	29	52	93	357	230	471	1,812	1,814	
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M-GSA	016	306-1	588	466	52	51	294	209	466	12	15	25	63	227	159	369	1,082	1,167	
		-2	13	13	2	2	0	0	0	0	0	0	0	1	1	0	16	16	
WATER	015	307-1	414	358	45	45	155	143	281	15	10	24	52	119	115	222	731	823	
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M-DAT	015	311-1	188	169	11	11	90	59	139	7	5	12	20	60	40	117	323	371	
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MSOFT	015	312-1	450	405	47	43	192	159	329	14	13	27	36	145	103	242	814	907	
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M-EXP	016	315-1	405	375	42	42	157	139	283	11	7	18	34	150	92	202	742	810	
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MTT	017	118-1	354	235	23	23	254	168	372	12	7	19	54	206	134	320	758	783	
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M-EMB	019	309-1 -2	73 1	54 1	7 0	7 0	24 0	13 0	36 0	1 0	2 0	3 0	6 0	15 0	11 0	31 0	110 1	121 1
COM	019	120-1 -2	522 21	395 21	47 2	46 2	380 0	247 0	527 0	21 0	20 0	41 0	76 0	331 3	198 3	477 0	1,167 26	1,207 26
JSAC	019	141-1 -2	241 9	198 9	24 1	24 1	148 0	91 0	206 0	8 0	4 1	12 1	35 0	90 4	73 4	191 0	430 15	513 15
M-COM	019	302-1 -2	375 15	309 15	45 2	45 2	123 0	87 0	185 0	13 0	6 0	19 0	42 0	113 3	106 3	178 0	626 20	664 20
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CHMT	021	122-1 -2	192 7	150 7	5 2	5 2	127 0	79 2	194 2	4 0	3 0	7 0	22 0	98 2	39 2	153 0	368 13	405 13
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AC	023	123-1 -2	369 14	263 14	28 1	28 1	258 0	190 2	413 2	27 0	20 1	46 1	50 0	359 1	165 1	335 0	976 19	916 19
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RA	024	146-1 -2	173 3	144 3	16 0	15 0	62 0	57 0	113 0	4 0	1 0	5 0	19 0	91 0	50 0	85 0	338 3	327 3
E	025	124-1 -2	92 5	78 5	10 0	10 0	40 0	41 1	80 1	10 0	9 0	19 0	19 0	86 1	49 1	69 0	238 7	236 7
DC	026	125-1 -2	181 3	170 3	24 0	23 0	30 0	29 0	57 0	5 0	1 0	6 0	24 0	28 2	41 2	59 0	263 5	297 5
EMC	027	126-1 -2	185 8	140 8	18 2	19 2	133 0	93 2	207 2	10 0	5 0	15 0	25 0	79 2	60 2	169 0	377 14	440 14
SMC	023	127-1 -2	338 13	295 13	23 2	22 2	148 0	113 1	253 1	10 0	16 0	26 0	27 0	258 2	95 2	195 0	753 18	671 18

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PWRS	031	144-1	216	160	29	18	170	121	264	37	23	59	81	198	165	288	587	666
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PER	031	308-1	61	53	13	10	35	32	67	9	7	15	13	21	30	58	134	176
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JLT	202	430-1	208	177	21	20	113	67	155	3	0	3	26	79	39	142	375	394
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SUB TOTAL TYPE-2			480	479	54	53	0	52	51	0	11	11	0	100	100	0	697	694

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SPEC	103 500-1 -2	1,774 55	1,525 54	205 3	180 3	525 0	293 4	739 4	34 0	28 2	60 2	175 0	512 3	392 3	734 0	2,813 67	2,896 66
PROC	101 501-1 -2	1,358 65	1,141 54	126 3	114 3	695 0	431 4	967 4	29 0	34 1	61 1	142 0	654 5	334 5	866 0	2,603 78	2,617 77
INST	103 503-1 -2	63 0	58 0	2 0	2 0	1 0	0 0	1 0	0 0	0 0	0 0	2 0	2 0	4 0	3 0	67 0	65 0
STM	106 506-1 -2	76 0	55 0	9 0	9 0	7 0	7 0	14 0	2 0	0 0	2 0	7 0	12 0	12 0	15 0	104 0	103 0
DIR	107 507-1 -2	94 0	98 0	7 0	7 0	0 0	4 0	4 0	0 0	0 0	0 0	0 0	8 0	6 0	0 0	113 0	105 0
EEA	300 600-1 -2	125 0	124 0	6 0	6 0	0 0	0 0	0 0	2 0	6 0	8 0	0 0	0 0	0 0	2 0	137 0	138 0
CCA	305 601-1 -2	133 1	129 1	8 0	8 0	0 0	0 0	0 0	1 0	6 0	7 0	0 0	0 0	0 0	1 0	147 1	144 1
ECA	315 603-1 -2	68 0	67 0	7 0	7 0	0 0	0 0	0 0	4 0	4 0	9 0	0 0	0 0	0 0	4 0	79 0	82 0
ECP	320 604-1 -2	181 0	176 0	22 1	22 1	0 0	0 0	0 0	2 0	3 0	5 0	0 0	0 0	0 0	2 0	206 1	203 1
PA	321 602-1 -2	406 4	390 4	23 1	23 1	0 0	0 0	0 0	7 0	10 0	17 0	0 0	0 0	0 0	7 0	439 5	430 5
CPE	330 610-1 -2	45 0	43 0	12 0	10 0	0 0	0 0	0 0	2 0	0 0	2 0	0 0	0 0	0 0	2 0	57 0	55 0
CPC	331 611-1 -2	52 0	50 0	14 0	14 0	0 0	0 0	0 0	1 0	1 0	2 0	0 0	0 0	0 0	1 0	67 0	66 0
CPP	332 612-1 -2	153 0	149 0	19 0	17 0	0 0	0 0	0 0	4 0	1 0	5 0	0 0	0 0	0 0	4 0	172 0	171 0
MBEC	353 653-1 -2	198 0	195 0	26 0	26 0	0 0	0 0	0 0	1 0	4 0	5 0	0 0	0 0	0 0	1 0	228 0	226 0
PSA	400 620-1 -2	22 0	21 0	3 0	3 0	0 0	0 0	0 0	1 0	0 0	1 0	0 0	0 0	0 0	1 0	25 0	25 0
PC	401 621-1 -2	18 0	17 0	2 0	2 0	0 0	0 0	0 0	2 0	1 0	3 0	0 0	0 0	0 0	2 0	21 0	22 0

* - 1 SUFFIX INDICATES FULLSIZE - 2 SUFFIX INDICATES MICROFICHE.
AF REPRESENTS AIR-FREIGHT SUBSCRIPTIONS.
SEE LAST PAGE FOR EXPANSION OF ABBREVIATIONS.

ABR.	G/S	I.D.	PUB.#	REGIONS 1 - 6		REGION 7	REGION 8		REGION 9		REGION 10		TOTALS		
				COPIES	RECS.	COPIES	RECS.	AF	NON-AF	AF	NON-AF	AF	NON-AF	COPIES	RECS.
AI	402	622-1	33	31	5	5	0	0	2	0	0	0	2	39	38
		-2	0	0	0	0	0	0	0	0	0	0	0	0	0
TC	403	623-1	21	20	7	7	0	0	0	0	0	0	0	28	27
		-2	0	0	0	0	0	0	0	0	0	0	0	0	0
EC	404	624-1	19	19	2	2	0	0	0	0	0	0	0	21	20
		-2	0	0	0	0	0	0	0	0	0	0	0	0	0
SD	405	625-1	23	21	2	2	0	0	0	1	1	0	0	26	24
		-2	0	0	0	0	0	0	0	0	0	0	0	0	0
MP	406	626-1	19	17	3	3	0	0	0	1	1	2	0	23	22
		-2	0	0	0	0	0	0	0	0	0	0	0	0	0
EI	407	627-1	23	22	2	2	0	0	2	2	4	0	0	27	28
		-2	0	0	0	0	0	0	0	0	0	0	0	0	0
AP	408	628-1	11	10	2	2	0	0	0	0	0	0	0	13	12
		-2	0	0	0	0	0	0	0	0	0	0	0	0	0
DE	409	629-1	19	15	2	2	0	0	0	1	1	0	0	22	18
		-2	0	0	0	0	0	0	0	0	0	0	0	0	0
CE	410	630-1	8	7	1	1	0	0	0	0	0	0	0	9	8
		-2	0	0	0	0	0	0	0	0	0	0	0	0	0
CCS	411	631-1	14	13	2	2	0	0	0	0	0	0	0	16	15
		-2	0	0	0	0	0	0	0	0	0	0	0	0	0
SE	412	632-1	16	14	1	1	0	0	2	0	2	0	0	17	17
		-2	0	0	0	0	0	0	0	0	0	0	0	0	0
AM	413	633-1	13	10	3	3	0	0	0	0	0	0	0	16	13
		-2	0	0	0	0	0	0	0	0	0	0	0	0	0
MV	414	634-1	11	10	1	1	0	0	0	0	0	0	0	12	11
		-2	0	0	0	0	0	0	0	0	0	0	0	0	0
MX	415	635-1	8	7	4	4	0	0	1	0	1	0	0	12	12
		-2	0	0	0	0	0	0	0	0	0	0	0	0	0
MT	415	636-1	13	11	2	2	0	0	0	0	0	0	0	15	13
		-2	0	0	0	0	0	0	0	0	0	0	0	0	0
HTS	417	637-1	44	42	3	3	0	0	0	0	0	0	0	47	45
		-2	0	0	0	0	0	0	0	0	0	0	0	0	0

* - 1 SUFFIX INDICATES FULLSIZE - 2 SUFFIX INDICATES MICROFICHE.
 AF REPRESENTS AIR-FREIGHT SUBSCRIPTIONS.
 SEE LAST PAGE FOR EXPANSION OF ABBREVIATIONS.

ARRR.	G/S	PUB.# I.O.	REGIONS 1 - 6		REGION 7		REGION 8			REGION 9			REGION 10			TOTALS			
			COPIES	RECS.	COPIES	RECS.	AF	NON-AF	RECS.	AF	NON-AF	RECS.	AF	NON-AF	RECS.	AF	NON-AF	RECS.	
94	419	638-1	24	23	7	7	0	0	0	0	1	1	0	0	0	0	32	31	
		-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTALS FOR NON-GROUP/SOCIETY PUBLICATIONS - FULLSIZE -										9,306									
TOTALS FOR NON-GROUP/SOCIETY PUBLICATIONS - MICROFICHE -										152									

* - 1 SUFFIX INDICATES FULLSIZE - 2 SUFFIX INDICATES MICROFICHE.
 AF REPRESENTS AIR-FREIGHT SUBSCRIPTIONS.
 SEE LAST PAGE FOR EXPANSION OF ABBREVIATIONS.

GRAND TOTALS OF ALL PUBLICATIONS

ACTIVE SUBSCRIBED PUBLICATIONS AS OF 06/30/89

TOTALS FOR ALL PUBLICATIONS - FULLSIZE - 119,816
TOTALS FOR ALL PUBLICATIONS - MICROFICHE - 5,332

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ACTIVE SUBSCRIBER PUBLICATIONS AS OF 06/30/89

PAGE 12

EXPANSION OF TITLE ABBREVIATIONS

G/S-PUB	ABBR.	FULL TITLE
001 100	ASSP	ACOUSTICS, SPEECH, & SIGNAL PROCESSING
001 310	MASSP	ASSP MAGAZINE
002 101	BC	BROADCASTING
003 104	AP	ANTENNAS & PROPAGATION
004 105	CAS	CIRCUITS & SYSTEMS
004 139	CAD	COMPUTER-AIDED DESIGN OF INTEGRATED CIRCUITS & SYSTEMS
005 106	NS	NUCLEAR SCIENCE
005 107	PS	PLASMA SCIENCE
006 109	VT	VEHICULAR TECHNOLOGY
007 109	R	RELIABILITY
008 102	CE	CONSUMER ELECTRONICS
009 110	IM	INSTRUMENTATION & MEASUREMENT
010 111	AES	AEROSPACE & ELECTRONIC SYSTEMS
010 316	M-AES	AEROSPACE & ELECTRONIC SYSTEMS MAGAZINE
012 112	IT	INFORMATION THEORY
013 113	IE	INDUSTRIAL ELECTRONICS
014 114	EM	ENGINEERING MANAGEMENT
014 301	EMR	ENGINEERING MANAGEMENT REVIEW
015 115	ED	ELECTRON DEVICES
015 304	EDL	ELECTRON DEVICE LETTERS
015 450	JECMA	JOURNAL OF ELECTRONIC MATERIALS
016 116	C	COMPUTERS
016 117	SE	SOFTWARE ENGINEERING
016 135	PAMI	PATTERN ANALYSIS & MACHINE INTELLIGENCE
016 147	CDE	TRANS ON KNOWLEDGE & DATA ENGINEERING
016 300	M-C	COMPUTER MAGAZINE
016 306	M-G&A	COMPUTER GRAPHICS & APPLICATIONS MAGAZINE

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ACTIVE SUBSCRIBER PUBLICATIONS AS OF 06/30/89

PAGE 13

EXPANSION OF TITLE ABBREVIATIONS

G/S-PJB	ABBR.	FULL TITLE
016 307	MMICR	MICRO MAGAZINE
016 311	M-D&T	DESIGN & TEST OF COMPUTERS MAGAZINE
016 312	MSOFT	SOFTWARE MAGAZINE
016 315	M-EXP	EXPERT MAGAZINE: (INTELLIGENT SYSTEMS & THEIR APPLICATIONS)
017 118	MTT	MICROWAVE THEORY & TECHNIQUES
018 119	BME	BIOMEDICAL ENGINEERING
018 309	M-EMB	ENGINEERING IN MEDICINE & BIOLOGY MAGAZINE
019 120	COM	COMMUNICATIONS
019 141	JSAC	JOURNAL OF SELECTED AREAS IN COMMUNICATIONS
019 302	M-COM	COMMUNICATIONS MAGAZINE
019 317	M-NET	NETWORK MAGAZINE
020 121	JFFC	ULTRASONICS, FERROELECTRICS, & FREQUENCY CONTROL
021 122	CHMT	COMPONENTS, HYBRIDS, & MANUFACTURING TECHNOLOGY
022 420	JOE	JOURNAL OF OCEANIC ENGINEERING
023 123	AC	AUTOMATIC CONTROL
023 335	M-CS	CONTROL SYSTEMS MAGAZINE
024 145	RA	TRANSACTIONS ON ROBOTICS & AUTOMATION
025 124	E	EDUCATION
026 125	PC	PROFESSIONAL COMMUNICATION
027 126	EMC	ELECTROMAGNETIC COMPATIBILITY
028 127	SMC	SYSTEMS, MAN, & CYBERNETICS
029 128	GRS	GEOSCIENCE & REMOTE SENSING
030 140	M-T&S	TECHNOLOGY & SOCIETY MAGAZINE
031 142	EC	ENERGY CONVERSION
031 143	PWRD	POWER DELIVERY
031 144	PWRS	POWER SYSTEMS
031 338	PER	POWER ENGINEERING REVIEW

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G/S-PJ#	ABBR.	FULL TITLE
031 318	M-CAP	COMPUTER APPLICATIONS IN POWER MAGAZINE
032 130	EI	ELECTRICAL INSULATION
032 314	M-EI	ELECTRICAL INSULATION MAGAZINE
033 131	MAG	MAGNETICS
033 233	TJMJ	IEEE TRANSLATION JOURNAL ON MAGNETICS IN JAPAN
034 132	IA	INDUSTRY APPLICATIONS
035 450	PE	TRANSACTIONS ON POWER ELECTRONICS
035 134	QE	JOURNAL OF QUANTUM ELECTRONICS
036 148	PTL	PHOTONICS TECHNOLOGY LETTERS
097 145	SM	TRANSACTIONS ON SEMICONDUCTOR MANUFACTURING
099 313	M-CDD	CIRCUITS & DEVICES MAGAZINES
099 138	MI	MEDICAL IMAGING
100 500	SPEC	IEEE SPECTRUM
101 501	PROC	PROCEEDINGS OF THE IEEE
103 503	INST	THE INSTITUTE
105 504	TAG	IEEE TECHNICAL ACTIVITIES GUIDE
106 506	STM	IEEE POTENTIALS
107 507	DIR	IEEE MEMBERSHIP DIRECTORY
201 410	JSSC	JOURNAL OF SOLID-STATE CIRCUITS
202 430	JLT	JOURNAL OF LIGHTWAVE TECHNOLOGY
300 600	EEA	SCIENCE ABSTRACTS - ELECTRICAL & ELECTRONIC ABSTRACTS
305 601	CCA	SCIENCE ABSTRACTS - COMPUTER & CONTROL ABSTRACTS
315 603	ECA	SCIENCE ABSTRACTS - COMBINED - ELECTRICAL & ELECTRONICS & COMPUTER & CONTROL ABSTRACTS
320 604	ECP	SCIENCE ABSTRACTS - COMBINED - ELECTRICAL & ELECTRONICS, COMPUTER & CONTROL, & PHYSICS ABSTRACTS
321 602	PA	SCIENCE ABSTRACTS - PHYSICS ABSTRACTS
330 610	CPE	CURRENT PAPERS - ELECTRICAL & ELECTRONICS ENGINEERING
331 611	CPC	CURRENT PAPERS - COMPUTERS & CONTROL

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PAGE 15

EXPANSION OF TITLE ABBREVIATIONS

G/S-PJB	ABBR.	FULL TITLE
332 512	CPP	CURRENT PAPERS - PHYSICS
353 653	MBEC	MEDICAL & BIOLOGICAL ENGINEERING & COMPUTING
400 620	PSA	KEY ABSTRACTS - POWER SYSTEMS & APPLICATIONS
401 621	RC	KEY ABSTRACTS - ROBOTICS & CONTROL
402 622	AI	KEY ABSTRACTS - ARTIFICIAL INTELLIGENCE
403 623	TC	KEY ABSTRACTS - TELECOMMUNICATIONS
404 624	EC	KEY ABSTRACTS - ELECTRONIC CIRCUITS
405 625	SD	KEY ABSTRACTS - SEMICONDUCTOR DEVICES
406 626	MP	KEY ABSTRACTS - MEASUREMENTS IN PHYSICS
407 627	EI	KEY ABSTRACTS - ELECTRONIC INSTRUMENTATION
408 628	AP	KEY ABSTRACTS - ANTENNAS & PROPAGATION
409 629	DE	KEY ABSTRACTS - OPTOELECTRONICS
410 630	CEP	KEY ABSTRACTS - COMPUTING IN ELECTRONICS & POWER
411 631	CCS	KEY ABSTRACTS - COMPUTER COMMUNICATION & STORAGE
412 632	SE	KEY ABSTRACTS - SOFTWARE ENGINEERING
413 633	AM	KEY ABSTRACTS - ADVANCED MATERIALS
414 634	MV	KEY ABSTRACTS - MACHINE VISION
415 635	MX	KEY ABSTRACTS - MICROELECTRONICS & PRINTED CIRCUITS
416 636	MT	KEY ABSTRACTS - MICROWAVE TECHNOLOGY
417 637	HTS	KEY ABSTRACTS - HIGH-TEMPERATURE SUPERCONDUCTORS
418 638	BA	KEY ABSTRACTS - BUSINESS AUTOMATION
888 888	DDP	CONFERENCE RECORDS SUBSCRIPTIONS
999 999	FULL	ENTIRE SET OF SOCIETY/COUNCIL PERIODICALS

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990 (office), 543-6061 (secretary),
543-2150 (main office), 776-8995 (home);
(206) 543-3842 (FAX); marks@blake.acs.washington.edu

July 31, 1989

Dr. Russell C. Eberhart
JHU Applied Physics Laboratory
John Hopkins Road
Laurel, MD 20707

Dear Russ:

Evangelia has made a request for secretarial support. I am also abusing my secretarial privileges with NNC work and will ask for support. This, of course, must be approved by the NNC.

I suggest we three agree on a proposal for the next meeting something like:

"The Chair shall have a discretionary fund of \$X for secretarial and mailing expenses."

Best regards,

Robert J. Marks II
ew
Robert J. Marks, Chair
IEEE Neural Networks Committee

RJM:ew
Att.

cc: Evangelia Tzanakou, NNC Secretary

Department of Biomedical Engineering • College of Engineering
P.O. Box 909 • Piscataway • New Jersey 08855-0909 • 201/932-3155

July 20, 1989

Dr. Robert J. Marks II
Dept. of Electrical Engineering, FT-10
University of Washington
Seattle, WA 98195

Dear Dr. Marks:

As I have explained to you over the phone, there is minimal secretarial support in my department to handle activities outside the departmental matters.

I therefore would appreciate some help in hiring a secretary for 5-6 hours per week to handle some of the NNC matters. At Rutgers' rates (\$14.00/hr) that would mean about \$4,000-\$4,500 per year.

Thank you for your consideration on the matter.

Sincerely,



Evangelia Tzanakou,
Associate Professor
Biomedical Engineering

ET/pa

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990 (office), 543-6061 (secretary),
543-2150 (main office), 776-8995 (home);
(206) 543-3842 (FAX); marks@blake.acs.washington.edu*

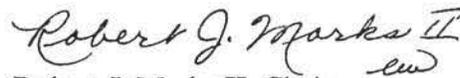
July 31, 1989

Ms. Mel Bonaviso
IEEE Headquarters
345 East 47th Street
New York, NY 10017

Dear Mel:

Please reimburse Professor Tzanakou \$943.00 for expenses incurred in execution of duties as Secretary to the IEEE Neural Networks Committee. Documentation is attached.

Sincerely,



Robert J. Marks II, Chair
IEEE Neural Networks Committee

RJM:ew
Att.

cc: Russ Eberhart, NNC Treasurer
Evangelia Tzanakou, NNC Secretary



Department of Biomedical Engineering • College of Engineering
P.O. Box 909 • Piscataway • New Jersey 08855-0909 • 201/932-3155

July 20, 1989

Dr. Robert J. Marks II
Dept. of Electrical Engineering, FT-10
University of Washington
Seattle, WA 98195

Dear Dr. Marks:

Enclosed please find a list of my expenses for the IJCNN '89 in Washington. As there are no other funds available to cover these expenses, I would greatly appreciate it if they are covered by the NNC.

Thank you for your attention to this matter.

Sincerely,

Litsa

Evangelia Tzanakou,
Associate Professor
Biomedical Engineering

ET/pa
Encl.



Department of Biomedical Engineering • College of Engineering
P.O. Box 909 • Piscataway • New Jersey 08855-0909 • 201/932-3155

TRAVEL EXPENSES FOR E. TZANAKOU

IJCNN MEETING, WASHINGTON JUNE 18-21, 1989

Transportation		
	Amtrack	\$ 59.00
	Metroliner	74.00
Taxis		
	New Jersey	20.00
	Washington	5.00
	Washington	6.00
Registration		224.00
Meals (approximately \$30/diem X 3 days) (some receipts are enclosed, others on the hotel bill)		90.00
Hotel (\$155. X 3 days) (\$155 includes state and city taxes)		465.00
		<hr/>
	TOTAL.....	\$ 943.00

OMNI SHOREHAM HOTEL

2500 Calvert Street, N.W. Washington, D.C. 20008
 (202) 234-0700

IZANAKOU, EZANGELIA
 DEPT. BIOMEDICAL ENGINEER
 RUTGERS UNIV BOX 909
 PISCATAWAY, NJ 08855-0909

ARRIVAL	6/18/89
DEPARTURE	6/21/89
NO. IN PARTY	1
RATE	140.00

SPE089

ACCOUNT NO. 784476

ROOM NO. 219

#	DATE	DESCRIPTION	AMOUNT
1	6/18/89	LONG DISTANCE...../219/6180822006/1/4 23:15/2012763124	5.12
2	6/18/89	LONG DISTANCE...../219/6190001003/1/4 00:22/2012763124	4.34
3	6/18/89	LONG DISTANCE...../219/6190016002/1/4 00:33/2012763124	4.05
4	6/18/89	LONG DISTANCE...../219/6190018001/1/4 00:40/2012395910	3.82
5	6/18/89	ROOM...../219/1/1/4	140.00
6	6/18/89	ROOM TAX...../219/1/1/4	14.00
7	6/18/89	ROOM/CITY TAX...../219/1/1/4	1.00
8	6/17/89	LOCAL PHONE...../219/6190393003/1/4 10:17/0	1.10
9	6/19/89	LONG DISTANCE...../219/6190732004/1/4 11:51/2012763124	4.60
10	6/19/89	LONG DISTANCE...../219/6190749001/1/4 12:01/9145918100	3.82
11	6/19/89	LONG DISTANCE...../219/6191720002/1/4 17:13/9145918100	4.08

CONTINUED....

FOLIO #	COMPANY		STREET	
	CITY	STATE	POSTAL CODE	
CUST. NO.	I AGREE THAT MY PERSONAL LIABILITY SHALL NOT BE WAIVED IN THE EVENT OF NON-PAYMENT OF THIS BILL.	SIGNATURE	ATTN:	PHONE
AMOUNT OF CHG.				

OMNI SHOREHAM HOTEL

2500 Calvert Street, N.W. Washington, D.C. 20008
 (202) 234-0700

TZANAKOU, EZANGELIA
 DEPT. BIOMEDICAL ENGINEER
 RUTGERS UNIV BOX 909
 PISCATAWAY, NJ 08855-0909

ARRIVAL	6/18/89
DEPARTURE	6/21/89
NO. IN PARTY	1
RATE	140.00

SPE089

ACCOUNT NO: 784476 ROOM NO: 219

#	DATE	DESCRIPTION	AMOUNT
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14	6/19/89	LOCAL PHONE...../219/6191687031/1/4 18:08/3577692	1.10
15	6/19/89	LOCAL PHONE...../219/6191933014/1/4 18:12/4347341	1.10
16	6/19/89	LONG DISTANCE...../219/6191948001/1/4 18:30/8002893462	1.10
17	6/19/89	LONG DISTANCE...../219/6192363007/1/4 22:17/2019763124	5.38
18	6/19/89	ROOM...../219/1/1/4	140.00
19	6/19/89	ROOM TAX...../219/1/1/4	14.00
20	6/19/89	ROOM/CITY TAX...../219/1/1/4	1.00
21	6/20/89	MONIQUE...../219/62005050/1/1/09:01	9.68
22	6/20/89	LONG DISTANCE...../219/6201924005/1/4 17:36/2019763124	4.86

CONTINUED...

FOLIO #	COMPANY		STREET	
	CITY		STATE	POSTAL CODE
CUST. NO.	I AGREE THAT MY PERSONAL LIABILITY SHALL NOT BE WAIVED IN THE EVENT OF NON-PAYMENT OF THIS BILL.	SIGNATURE		ATTN:
AMOUNT OF CHG.				PHONE

OMNI SHOREHAM HOTEL

2500 Calvert Street, N.W. Washington, D.C. 20008
 (202) 234-0700

TZANAKOU, EZANGELIA
 DEPT. BIOMEDICAL ENGINEER
 RUTGERS UNIV BOX 909
 PISCATAWAY, NJ 08855-0909

ARRIVAL	6/18/89
DEPARTURE	6/21/89
NO. IN PARTY	3
RATE	140.00

SPE089

ACCOUNT NO: 784476

ROOM NO: 219

#	DATE	DESCRIPTION	AMOUNT
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24	6/20/89	LONG DISTANCE...../219/6202476008/1/4 23:10/2012763124	5.64
25	6/20/89	ROOM...../219/1/1/4	140.00
26	6/20/89	ROOM TAX...../219/1/1/4	14.00
27	6/20/89	ROOM/CITY TAX...../219/1/1/4	1.00
28	6/21/89	LONG DISTANCE...../219/6211261010/1/4 13:47/2019823155	6.15
29	6/21/89	LONG DISTANCE...../219/6211261006/1/4 13:57/2012763124	5.12
BALANCE DUE			546.39

FOLIO #	COMPANY		STREET		
	CITY		STATE	POSTAL CODE	
CUST. NO. _____	I AGREE THAT MY PERSONAL LIABILITY SHALL NOT BE WAIVED IN THE EVENT OF NON-PAYMENT OF THIS BILL.	SIGNATURE		ATTN:	PHONE
AMOUNT OF CHG. _____					

003060

Monique
café et brasserie

2500 CALVERT STREET, NW
WASHINGTON, DC 20008
202/797-2626

DATE 6/20 AMOUNT 23²⁵/₂

Sheraton Washington Hotel

2660 WOODLEY RD. AT CONN. AVE. N.W.
WASHINGTON, D.C. 20008 (202) 328-2000

113038

DATE 6/19/89
AMOUNT 28.00

GUEST'S RECEIPT

B		R		RIDERS	RES. NO.
AMTRAK SERVICE				1	/TR
ENDORSEMENTS				ACCOM. CHARGE	\$0.00
				RAIL FARE	\$59.00
				TOTAL CHARGES	\$59.00
FROM-TO	DEPARTURE TIME	TIME	TRAIN NO.	FARE PLAN	
MET-WAS	UNRESERVED				
NAME					
WELCOME ABOARD		SPACE/CAR	ACCT NUMBER	PAY CODE	
UNRES COACH			38236230020014	DC	
DATE OF SALE	TICKET NO.	NO. OF	PRICE POINTS		
18 JUN 89	9928075678	01/01	MET-WAS		
SUBJECT TO CONDITIONS ON REVERSE					

NOT FOR CARRIAGE
PASSENGER RECEIPT

B		C		R		RIDERS	RES. NO.
METROLINER SERVICE						1	263727
ENDORSEMENTS						ACCOM. CHARGE	\$0.00
						RAIL FARE	\$74.00
						TOTAL CHARGES	\$74.00
FROM-TO	DEPARTURE TIME	TIME	TRAIN NO.	FARE PLAN			
WAS-MET	21 JUN 89	0600P					
NAME							
TZANAJOU/EVANGELIA		SPACE/CAR	ACCT NUMBER	PAY CODE			
METROCOACH			5329031393061781IK				
DATE OF SALE	TICKET NO.	NO. OF	PRICE POINTS				
21 JUN 89	4588157502	01/01	WAS-MET				
SUBJECT TO CONDITIONS ON REVERSE							

NOT FOR CARRIAGE
PASSENGER RECEIPT

RECEIPT	IJCNN		No	0944	Date	6/19	1989
	Received From		E. Tzanakos				
	Address		Peters Univ.				
	For Registration Fee		24-	Tutorial	Dollars \$ 224-		
	Proceedings						
HOW PAID		AMOUNT					
CASH							
CHECK		✓					
T.C.							
		By		Carl Reed			
		Conference Co-ordinator Meeting Management 3770 Tansy Street, San Diego, CA 92121					

TUCSON CANTINA

TABLE	PERSON	TOTAL
		\$13.00

TAXICAB RECEIPT

CAB ASS'N Com. Fast

CAB NO. 200 TAG NO. 9859

TIME _____ DATE 6.18.89

FROM _____

TO _____

FARE 5.00 TIP 60

SIGNATURE OF DRIVER
James Pison

NO. PASSENGERS _____

06 20 89

5 •1.03

5 •0.65

5 •2.85

 •4.53 CA

1 647.81

003 22:34

Radio Dispatched
Bell Cab Co. 634-4346

Direct Messenger Service
207 WOODRUFF AVENUE
AVENEL, N. J. 07001

Clock No. #12
P.O. No. _____

Please Bill _____

For Transporting _____

From _____

To _____

Return to _____

Waiting Time 20 1/89

One Way Cash

Return Charge

Time _____ Total _____

Date _____ Dispatched By _____

Cab No. _____ Received by _____

Industrial only Signature
24 HOURS



YELLOW CAB
COMPANY OF D.C. INC.

GENERAL OFFICE: 546-7900.

1636 BLADENBURG ROAD, N.E. WASHINGTON, D.C. 20002

TROOPERS SERVICE: 544-1212

R. Davis
DRIVER

TIME _____ DATE 21st June

FROM Shannon Hill

TO Union Station

FARE \$ 6.00

CAB NO. 369 I.D.# _____

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990 (office), 543-6061 (secretary),
543-2150 (main office), 776-8995 (home);
(206) 543-3842 (FAX); marks@blake.acs.washington.edu*

July 27, 1989

Ms. Mel Bonaviso
IEEE Headquarters
345 East 47th Street
New York, NY 10017

Dear Mel:

The first planning meeting for IJCNN '91 in Seattle took place in Seattle on July 26, 1989. In attendance were Demetri Psaltis - Conference Chair, Don Shafer - IEEE Seattle Section Chair, Don Wunsch- Boeing, some conference personnel and myself.

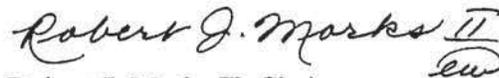
Please reimburse Dr. Psaltis \$364.50 for half of his air fare here. His address is:

Professor Demetri Psaltis
California Institute of Technology
Electrical Engineering Dept., M/S 116-81
Pasadena, CA 91125

Please reimburse me at the above address \$95.35 for meals and parking.

Receipts for all but \$7.00 are attached.

Sincerely,

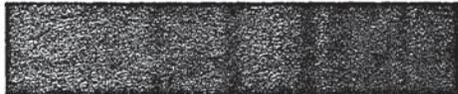


Robert J. Marks II, Chair
IEEE Neural Networks Committee

RJM:ew
Atts.

cc: Demetri Psaltis
Russell C. Eberhart, NNC Treasurer

C



PASSENGER TICKET AND BAGGAGE CHECK
 SUBJECT TO CONDITIONS OF CONTRACT ON REVERSE SIDE
 NOT TRANSFERABLE

8828

2248

19761

PASSENGER RECEIPT

XXXXXXXXXX

ISSUED BY ALASKA AIRLINES
 HUNTINGTON TRAVEL
 PSALTIS/DEMETRI
 NOT VALID FOR TRANSPORTATION

ARC
 TOUR CODE
 DATE OF ISSUE 24 JUL 89
 PLACE OF ISSUE ARCADIA
 SERV. CARR. ID 01627 US 0
 ID CODE FC
 NAME OF PASSENGER PSALTIS/DEMETRI
 FROM BURSEAS 191Y 25 JUL
 SEAPDXAS2685Y 26 JUL
 PDXBURAS 209B 28 JUL
 TO
 CARRIER FLIGHT CLASS DATE TIME STATUS ISSUED AGENT BY
 THIS IS YOUR RECEIPT
 NOT VALID BEFORE NOT VALID AFTER
 U6VML
 MULTI

FP BA4443040100610107 EXP0190 66385 FC 25 JUL BUR AS
 SEA 31L.1LY9 AS PDX 98.15Y9 AS BUR 265.74B \$675.00
 END

FARE USD675.00
 TAX US54.00
 TOTAL USD729.00

EQUIV. FARE PD. 54959288285

ALLOW PCS WT UNCKD
 DOCUMENT NUMBER 0 027 1459409947 5

2248 UNCKD BAGGAGE ID NUMBER
 NOT VALID FOR TRAVEL
 0 027 1459409947 5

CONTRACT Issued by the Carrier whose name is in the "Issued By" section on the face of the Passenger Ticket and Baggage Check.

Entry of departure the Warsaw Convention may be applicable and the liability in respect of loss of or damage to baggage. See also notice headed "NOT VALID FOR TRANSPORTATION".

Carriage by carrier and any person whose aircraft is used by carrier for carriage and its agents, representatives, employees, or servants.

Baggage will be delivered to bearer of the baggage check. In case of damage to baggage or loss of baggage, a written complaint must be made in writing to carrier forthwith after discovery at the latest, within 7 days from receipt; in case of delay, complaint must be made within 21 days from receipt. See tariffs or conditions of carriage regarding non-international carriage.

Good for carriage for one year from date of issue, except as otherwise provided in this ticket, and subject to conditions of carriage, or related regulations. The fare for carriage hereunder is subject to commencement of carriage. Carrier may refuse transportation if the applicable fare has not been paid.

Carrier makes use of its best efforts to carry the passenger and baggage with reasonable dispatch, timeliness or elsewhere are not guaranteed and form no part of this contract. Carrier may substitute alternate carriers or aircraft, and may alter or omit stopping places shown on the ticket. Schedules are subject to change without notice. Carrier assumes no responsibility for delay, loss, damage, or destruction of baggage.

Passenger shall comply with Government travel requirements, present exit, entry and other required documents at airport by time fixed by carrier or, if no time is fixed, early enough to complete check-in.

Carrier or representative of carrier has authority to alter, modify or waive any provision of this contract not authorized by a corporate officer of carrier.

729

 2

6011 0098 9150 0790

1986 06/91

DR ROBERT J MARKS

SEATTLE-SHERATON
 1004-40149700MIL 072589
 SEATTLE
 5460101850 WA

The Issuer of the Discover Card is authorized to pay the amount shown as Total upon proper presentation. I promise to pay such Total (together with any other charges due on it) subject to and in accordance with the Cardmember Agreement governing the use of the Discover Card.

Cardmember Signature: *[Signature]*

Date	Authorization No.
ID./Phone	Clerk
511	STEVE
5100317	
Amount	Any delayed charges are listed below
73.35	Type of Delayed Chg.
Tax	Amount of Delayed Chg.
Captain	Revised Total
Waiter	Discover Card Use Only Equivalent Amount
TIP	
151-	
Total	
88.35	

Discover Card
 Travel & Entertainment Sales Slip

DISCOVER
 FINANCIAL SERVICES CARD

FULLER'S

140 STEVE S.

CHK 9795 TBL 31 GRP 1 COV 2
 25-JUL-89 06:55PM

2 COFFEE	3.90
1 PT-HALES	2.75
2 PRAWNS	41.00
1 GOAT CHEESE	5.75
1 SPINACH DUCK	4.95
2 DESSERT THREE	9.50
FOOD	65.10
BEVERAGE	2.75
TAX	5.50
TOTAL DUE	73.35

THANK YOU

PRINT NAME: _____

SIGNATURE: _____

ROOM NUMBER: _____

GRATUITY: _____

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990 (office), 543-6061 (secretary)
543-2150 (main office), 776-8995 (home);
(206) 543-3842(FAX);marks@blake.acs.washington.edu*

July 26, 1989

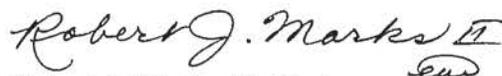
Professor Walter Karplus
UCLA
3732 Boelter Hall
Los Angeles, CA 90024

Professor Joseph Goodman
Dept. of Electrical Engineering
Stanford University
McCullough 150
Stanford, CA 94305-4055

Dear Walter and Joe:

Enclosed is a finalized signed copy of the Marriott contract.

Best regards,



Robert J. Marks, II, Chair
IEEE Neural Networks Committee

RJM:ew
Enc.

cc: Dr. Russell C. Eberhart, NNC Treasurer
Ms. Laura Jobmann, IEEE Conference Services



San Diego Marriott
Hotel & Marina

333 West Harbor Drive
San Diego, California 92101-7709
619/234-1500
Fax: 619/234-8678

SAN DIEGO MARRIOTT HOTEL & MARINA
CONTRACTUAL AGREEMENT

Third Full Revision - June 27, 1989

We are confident that the information listed below, while constituting an agreement between the San Diego Marriott Hotel & Marina and IEEE/ICNN, will be helpful to you and your staff in the planning of your final program. We believe, by specifying conditions and services relative to your IEEE/ICNN in advance, we can assure a professional program to the credit of both IEEE/ICNN and the San Diego Marriott Hotel & Marina.

ORGANIZATION: IEEE - INTERNATIONAL CONFERENCE ON NEURAL NETWORK

FILE NUMBER: L006903

CONTACT: Ms. Nomi Feldman
Vice-President
Meeting Management

ADDRESS: 8770 Tansy Street
San Diego, CA 92121

PHONE #: (619) 453-6222

FUNCTION/PROGRAM: 1990 International Conference

HEADQUARTERS HOTEL: SAN DIEGO MARRIOTT HOTEL & MARINA

OFFICIAL DATES: June 13 - (24), 1990

ANTICIPATED ATTENDANCE: 1,500+ ppl

ROOM NIGHT COMMITMENT: 800 rooms

ROOM NIGHT PATTERN:

DAY:	WED	THU	FRI	SAT	SUN	MON
DATE:	6/13	6/14	6/15	6/16	6/17	6/18
ROOMS:	5	25	410	720	800	770

DAY:	TUE	WED	THU	FRI	SAT	SUN
DATE:	6/19	6/20	6/21	6/22	6/23	6/24
ROOMS:	700	410	50	25	5	0


INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 2

We will monitor the room pick up for the years predceding your IEEE/ICNN in San Diego and alter the above block of rooms, if necessary, based on your actual room utilization. We will of course, consult you prior to making any changes in your room block.

SUITES: This room commitment includes the following suites:

<u>Suite Type</u>	<u># Held</u>	<u>Arrival Date</u>	<u>Departure Date</u>
Presidential Suite	1	Fri. 6/15/90	Thurs. 6/21/90
Hospitality Suite	10	Sat. 6/16/90	Wed. 6/20/90
Junior Suite	1	Fri. 6/15/90	Thurs. 6/21/90

CHECK IN/CHECK OUT TIMES

Our check-in time is 4:00pm; check-out is 12:00pm. Guests arriving before 4:00pm will be accommodated as rooms become available. Our Bell Captain can arrange to check baggage for those arriving early when rooms are not available and for guests attending functions on their day of departure.

GUEST ROOM RATES

In anticipation of welcoming and serving the IEEE/ICNN, the San Diego Marriott Hotel & Marina is pleased to confirm the following group rates over the convention dates in June of 1990.

	<u>City View</u>	<u>Bay View</u>
Single Occupancy:	\$125 per night	\$138 per night
Double Occupancy:	\$135 per night	\$148 per night
Additional Person:	\$ 20 per night	\$ 20 per night
Suites:	\$300.00 - \$2,800.00 per night	

The above rates will be commissionable to Meeting Management at ten (10) percent.

STAFF ROOMS

We are pleased to set aside ten (10) City View rooms to be assigned expressly to your convention staff at a special rate of fifteen (15) percent less than the convention rate, or \$110.00. Special-rated rooms will not earn complimentary credits.


INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 3

TAX

All sleeping room rates are subject to the applicable taxes at the time of check-out. Currently, these taxes are 8% per night and are subject to change.

SPECIAL ACCOMMODATIONS

As a sign of the Hotel's sincere interest in hosting the IEEE/ICNN, we will be pleased to upgrade ten (10) rooms to our Concierge Level. These rooms will be available June 15 - (21), 1990.

COMPLIMENTARY ROOMS

You will be entitled to one (1) complimentary room (unit) for every forty (40) rooms (units) actually occupied at the group rate. Should the block of rooms outlined in this agreement be 100% utilized, you would be entitled to ninety-eight (98) complimentary room nights. These room nights must be used during your actual convention dates and will be forfeited if not occupied.

A room night is one (1) room occupied for one (1) night, i.e., two (2) rooms occupied for three (3) nights equals six (6) room nights.

Suites are rated on a daily basis as follows:

Parlor Suite	=	2 Complimentary Units
Junior Suite	=	2 Complimentary Units
Executive Suite	=	4 Complimentary Units
Hospitality Suite	=	5 Complimentary Units
Presidential Suite	=	8 Complimentary Units
Manchester Suite	=	10 Complimentary Units
Marriott Suite	=	12 Complimentary Units
Admiral's Suite	=	14 Complimentary Units

The above suites are inclusive of one bedroom. Each additional bedroom added to the above suites will be equal to one (1) complimentary room unit.


INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 4

SPECIAL COMPLIMENTARY ARRANGEMENTS

We are pleased to offer you two (2) complimentary suites over and above our normal complimentary policy as well as one sleeping room.

<u>Suite Type</u>	<u>Arrival Date</u>	<u>Departure Date</u>
(1) Presidential Suite/ President of IEEE	Fri., 6/15/90	Thurs., 6/21/90
(1) Junior Suite/ Conference Coordinator	Fri., 6/15/90	Thurs., 6/21/90
(1) King Room/ Conference Assistant	Fri., 6/15/90	Thurs., 6/21/90

CUTOFF DATE

Thirty (30) days prior to your major arrival date, or May 15, 1990, we will release for sale the unused portion of your room commitment. Forty-five (45) days prior we will jointly review the unused portion of your block. If eighty percent (80%) of the total block is not picked up IEEE may guarantee, in writing, up to 10% but not less than twenty-five (25) rooms of the unreserved rooms. If IEEE does not wish to do so, all unreserved rooms will revert to the Hotel.

All reservations received within thirty (30) days of arrival will be accepted on a space available basis.

RESERVATIONS

It is our understanding that reservations will be made by reservation envelopes. The Hotel will provide envelopes three (3) times the number of guest rooms blocked on the peak night of your IEEE/ICNN. These reservation envelopes will be appropriately printed with the name of your meeting, rate and dates.

GUARANTEED RESERVATIONS

Reservation requests will be confirmed and guaranteed only if accompanied by one nights room deposit, or by the following major credit cards: American Express/Optimum, Carte Blanche, Diners Club, Master Card, Visa, or Discover Card with expiration date. The IEEE/ICNN may also guarantee room reservations.


INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 5

CREDIT ARRANGEMENTS

We understand that your attendees will be responsible for their own room, tax and incidental charges upon check out.

MASTER BILL & PAYMENT

It is our goal to maintain an accurate and updated Master Account on a daily basis. We would be pleased to have you review it with us each day which will help eliminate discrepancies as they occur. We will contact you to establish this daily appointment. Please note: We require 75% of the estimated Master Bill paid prior to departure.

Our terms are immediate payment upon receipt of statement. In the event such payment is not made within 25 days after receipt of the original statement it is agreed that the hotel may immediately impose a LATE PAYMENT CHARGE at the rate of 1 1/2% per month (ANNUAL RATE 18%) or the maximum allowed by law, on the unpaid balance. Reasonable cost of collection, including attorney's fees, will also be assessed.

Disputed charges will be subtracted from the final statement and the remaining total must be paid according to the above schedule. Upon resolution, we will re-bill the remaining charges to IEEE/ICNN and these must be paid within twenty-five (25) days after receipt of statement.

FUNCTION SPACE (FUNCTION RESERVATION INFORMATION AGENDA)

The confirmation agreement includes the enclosed function information agenda which outlines the reserved space based on your requirements. Please review the program and advise us at this time of any changes or additional space needs. We will make every effort to accommodate your needs, provided space is available.

This function information agenda is considered part of this contract and should be signed and returned with this document. This contract may be considered invalid until we receive the signed agenda.


INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 6

SIGNAGE

Exhibits, displays, table set-ups and signs placed outside the Hotel's meeting rooms require prior written consent from the Hotel management and Fire Marshall, if applicable. This includes any pre-function or public space area.

FACILITY SERVICE CHARGE

Any facility service charges specified on the function information agenda are based on your agenda, as outlined. Any changes to this agenda may be subject to rate review and revision, if warranted.

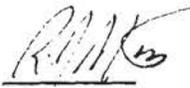
In consideration of your overall scheduled Food and Beverage functions and projected number of guest rooms, we are pleased to waive the customary rental charge for meeting and banquet space. The above waiver is predicated on your detailed agenda of programmed activities and the indicated attendances. Any reduction greater than 25% of the indicated attendance figures or total cancellation of Food and Beverage functions highlighted below will nullify the above waiver:

- A. Sunday, June 17th: Reception - 1000ppl
- B. Wednesday, June 20th: Reception - 2000ppl

The waiver does not include space held and not used after the six (6) month point indicated above.

Also, any reduction in room pick-up (total number of rooms occupied) greater than 20% of the original room block of total room nights may call for the institution of the rental scale as outlined below:

<u>Total Number of Room Nights Actually Occupied</u>	<u>Room Rental Per Day (Multiplied by 4 Meeting Days)</u>
3136 - 3920	Complimentary
2744 - 3135	\$2,000.00 (\$ 8,000.00 Total)
2352 - 2743	\$2,500.00 (\$10,000.00 Total)
1960 - 2351	\$3,000.00 (\$12,000.00 Total)
Less than 1,960	\$4,000.00 (\$16,000.00 Total)


INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 7

AMPLIFICATION

We will provide a permanent P.A. system in each of our major meeting facilities. A microphone or one microphone patch will be made available on a complimentary basis in each room where necessary and where audio connections are available.

AUDIO-VISUAL COMPANY

Should you require any audio-visual equipment, we recommend the services of our in-house audio-visual firm:

Photo and Sound
7719 Convoy Court
San Diego, CA 92111
(619) 565-2345

IN-HOUSE EQUIPMENT

The hotel will provide at no charge, a reasonable amount of meeting equipment, i.e., chairs, tables, blackboards, etc. The complimentary arrangement does not include special setups or extraordinary formats that would exhaust our present in-house equipment to the point of requiring rental of an additional supply to accommodate your needs. If such is the case, we will anticipate it in sufficient time as to present two (2) alternatives: the rental cost to your group for additional equipment, or the change of the extraordinary set up to a more normal format, avoiding the extra cost.

FOOD AND BEVERAGE

Our catering specialists look forward to creating menus and special arrangements for your planned food and beverage functions.

We will confirm all catering prices six (6) months prior to your arrival date.

Presently, our minimum catering selections are as follows:

Continental Breakfast - \$ 6.75 per person
Sit-Down Breakfast - \$11.00 per person
Lunch - \$15.00 per person
Dinner - \$23.00 per person


INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 8

FOOD AND BEVERAGE (Continued)

These quotations do not include any applicable California tax currently at 7%, and a taxable service charge of 17%.

You will be assigned a Catering Manager who will coordinate all phases of your banquet requirements, and function as a liaison with our service staff.

ROOM SERVICE (Hospitality Suite Policy)

Please note that all food and beverage served in Hospitality Suites and Parlors, must be purchased from the Hotel's Room Service Department. In the event that food or beverage is brought to the Hotel from outside sources, the corkage charges noted in the Room Service Directory will be applied to your Master Bill. When an associated vendor utilizes a Hospitality Suite these corkage charges will be applied to their account.

CONVENTION SERVICE DEPARTMENT

You will be contacted by your Convention Service Manager eighteen (18) months prior to your meeting. They will review and finalize your overall program needs and assure that everything is in order for a successful convention.

PARKING CHARGES

Parking charges for in-house guests are currently \$7.00 per day. The current non-guest rate is \$4.00 for 0-10 hours and \$7.00 for 10-24 hours.

COMPLIMENTARY PARKING PASSES

10 Complimentary Parking Passes will be provided to IEEE/ICNN for Staff/VIP cars. They will be valid 6/13 - (22)/1990.

EXHIBITS

It is our understanding that the primary nature of your exhibit is commercial and your requirements are 80-90 8 x 10 exhibit booths and a to-be-determined number of poster displays.


INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 9

EXHIBITS (Continued)

Set Up

The programmed exhibit area will be available to you at 8:00AM on Sunday, June 17, 1990.

Dismantle Time

It is understood that the exhibit area portion of your convention will have terminated and be completely clear of the hotel by 5:00PM on Thursday, June 21, 1990.

Rental (Garage)

Rental for exhibit space is currently \$.40 per net* square foot utilized. This is a per-day charge and applies to the utilization of our exhibit area over the designated show dates. Your set-up and dismantle days will be charged at half this rate.

*Because it is difficult to determine square footage for poster displays, the total square footage of the area used for IEEE's Poster Session will be determined and \$.25 per gross square foot will be charged.

The above rates reflect definite pricing in 1990.

The above rental agreement includes:

1. The exhibit facility as programmed.
2. General hotel lighting, heating and ventilation.

The above rental agreement does not include:

1. Carpeting of the Exhibit Hall.
2. Drayage and placement of display equipment.
3. Decoration and related services.
4. Guard services.
5. Labor, i.e., carpenters, electricians and draperymen.
6. Storage of any exhibit related material.
7. Lighting and electrical power.
8. Gas or water supply.
9. A one-time maintenance charge of \$500.00 for aisle and individual booth cleaning throughout and after the exhibit show.


INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 10

FIRE CODE ADHERENCE

It will be necessary that four (4) copies of your proposed exhibit floor plans be submitted to the San Diego Fire Marshall, with a copy to both your designated drayage company and Convention Services Manager. To ensure we adhere to all prevailing fire codes and regulations, the exhibit floor plans must be submitted at least ninety (90) days prior to your show date.

EXHIBITOR'S CONTRACT

It will be necessary that a copy of your proposed exhibitor's contract be submitted to our Convention Service Department prior to its printing and distribution. The reason is to ensure that the IEEE/ICNN and the Hotel are protected and that your exhibitor's have received complete information and instructions, as well as rules and regulations, governing exhibits at the Hotel.

HOLD HARMLESS CLAUSE

We submit the following "Hold Harmless" clause, which is part of our exhibitor rules and regulation and must be incorporated in your contract with the decorating company you select.

"The exhibitor assumes the entire responsibility and liability for losses, damages and claims arriving out of injury or damage to exhibitor's displays, equipment and other property brought upon the premises of the Hotel and shall indemnify and hold harmless the Hotel, agents, servants and employees from any and all such losses, damages and claims."

DRAYAGE

Due to the layout of the Hotel, we are unable to store display material and/or show merchandise. At the conclusion of your set up operation, all related equipment, crates, etc., must be removed from the premises and returned no later than the last day of the exhibit show period.


INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 11

DECORATOR

We will be pleased to advise you of our recommended decorators and will acknowledge and cooperate with whomever you desire to function in this capacity.

CHANGES, ADDITIONS, STIPULATIONS OR LINING OUT

Any changes, additions, stipulations, or corrective lining out by the IEEE/ICNN will not be binding to the Hotel until such additions, clauses, or stipulations have been approved by means of a corrected contractual agreement by the hotel.

VIP BOARD OF DIRECTORS DINNER

As a special sign of the San Diego Marriott Hotel & Marina's appreciation in being host to IEEE/ICNN, the Hotel would like to host a VIP Board Dinner for 15 people during your convention.

IMPOSSIBILITY

Should events beyond the control of the hotel or IEEE/ICNN, such as strikes, acts of God or civil disturbances materially affect either party's ability to perform, this agreement shall be terminated without prejudice.

CANCELLATION POLICY

If the hotel is advised that this definite booking is cancelled, a cancellation fee will be assessed. This fee will be based upon the percentage shown below. The percentage will be calculated by multiplying the group guest room rate in effect at the time the cancellation is submitted by the total room nights blocked according to the contract.

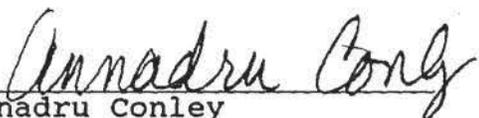
<u>Notification of Cancellation Prior to Arrival</u>	<u>Percentage of Estimated Total Room Revenue</u>
0 - 90 Days	75%
91 - 180 Days	60%
181 - 365 Days	40%
366 - Confirmation of Agreement	20%


INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 12

SECOND-OPTION DATES

A first-option commitment has been made to another organization over these dates. Every effort will be made to clear the existing option if you decide to confirm the above dates. To indicate your acceptance of this agreement, please initial each page and sign the enclosed copy as soon as possible. Once we have received the signed agreement we will request that the other group exercise its first-option. If they are unable to do so within three (3) working days, this contract will allow us to establish these arrangements on a definite basis and all conditions outlined in this contract will be final.


Annadru Conley
Director of National Accounts
SAN DIEGO MARRIOTT HOTEL & MARINA

June 27, 1989.
Date


Robert J. Marks II
Chairman
IEEE Neural Network
Committee

7/17/89
Date


INITIAL

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

faxed
7/25/89

Department of Electrical Engineering, FT-10
Telephone: (206) 543-2150

7/25/89

TO: DR. No DeClaris

FAX: (301) 328-8013

From: Bob Marks

Nick,

Here are the NNC minutes as they will be distributed - probably next month.

Your status as Chair of the Oversight Committee should be resolved prior to your vacation. I am assuming you will exercise the scenario we discussed concerning the Oversight Committee. I hope you will draft a letter prior to your departure. If there is a problem, please give me a call

- Bob -

MINUTES OF THE IEEE-NNC MEETING

June 18, 1989

Sheraton Washington Hotel, Washington, D.C.

R. J. Marks II presiding.

The meeting came to order. The following NNC members were present: F. Aldana, K. Bakhru, N. DeClaris, B. Dickinson, R. Eberhart, B. H. Juang, R. Marks, T. Nagle, E. Posner, H. Rauch, W. Snyder, E. Tzanakou; and five observers: M. Aronstein, M. Roth, P. K. Simpsun, R. D. Trueblood and A. Ephremides.

The agenda was discussed and approved. Minutes were approved as amended. One change was made, namely that R. Eberhart was an NNC member as of the Denver meeting.

A report on past accomplishments was given by R. Marks. These accomplishments included the agreement between the INNS and IEEE and the tentative approval of the IEEE Neural Networks transactions.

Troy Nagle reviewed the financial status of the 1988 conference. As of the end of April, the IEEE account had a \$25,500 balance with \$16,000 loan to this year's committee. Mr. Aronstein, Chairman of the San Diego Section, said that the books can be closed out soon.

The next item on the agenda was governance. T. Ephremides took nominations from the floor. R. Marks and F. Aldana were nominated for Chairman. They left the room so that elections could take place. R. Marks was elected Chairman. E. Tzanakou was nominated for Secretary. She was elected by acclamation. W. Snyder was nominated for Treasurer but declined. He then nominated R. Eberhart who was elected by acclamation.

The constitution of the Neural Networks IEEE Committee was then brought up for adoption as it appeared in the blue book (distributed). It was unanimously approved with minor corrections.

A proposed Constitution for the IEEE Council on Neural Networks was brought up for discussion. It was noted that this constitution would have to be presented to the technical activities board (TAB) and be approved by the NNC. Becoming a Council is the next step up the IEEE ladder. Because the NNC will be publishing a Transactions as well as running the IJNNG, it is appropriate that it becomes a council, a more formal organization. Proper campaigning with the TAB members was recommended.

A motion by H. Rauch (seconded by R. Eberhart) followed to proceed with the council status. All were in favor but one. T. Ephremides, H. Rauch and W. Snyder were then appointed as a subcommittee to "fine tune" the IEEE council proposal. The field interest was discussed at length. The above mentioned three member subcommittee will craft the version to be presented to the TAB. The same subcommittee will be reviewed by T. Nagle, then a mail vote will be taken by mid October. The motion was passed.

Herb Rauch then took the floor to discuss the upcoming Transactions. He passed out a description of the publication, a copy of which is attached as Appendix A. In addition to the twelve Associate Editors already suggested, two more Associate Editors, Scott Kirkpatrick and Erkka Oja were suggested.

Sections on papers, short papers and letters will be established. Papers and short papers will be reviewed identically, letters will undergo a different review process that facilitates quick publication. The scope of the Transactions was discussed, and several changes were suggested. The document will be mailed to the Editorial Board for suggestions and approval. A motion for the approval of the Associate Editors was made, seconded and approved.

The conference status was then brought up by Bob Marks. W. Snyder discussed the status of the IJCNN '89 conference. He said it is a "success" with three cost centers (exhibits, tutorials, and registration) all in the black.

A discussion followed that if needed, Bob Marks will write to Society presidents, on behalf of any individual member, requesting that the Society help cover expenses to the NNC meetings. It was moved (E. Aldana) that the Chairman of the NNC at his or her discretion, be able to help pay travel expenses of those who could not otherwise attend the meeting. The request for travel expenses must be made and approved in advance of the meeting. The motion was unanimously approved. At this point, another motion was made for the requirement of "in advance" of the previous motion, being removed for this year's meeting. The motion was unanimously approved.

A report of the Oversight Committee followed. Nick DeClaris reported on the 1990 and 1991 organizations and plans. He mentioned that tab #8 from the circular is withdrawn from consideration since a number of problems exist. Discussion took place as to who chooses the place of a conference and whether the Oversight Committee should have the power to make that decision and that decision being discussed by the NNC. The issues of how much ahead of time decisions should be made about locale and people running the conference were discussed. During the discussion about the '91 Conference a motion was made by R. Eberhart. The motion is that..."the oversight committee following this conference cannot hold or assume major leadership roles in the conferences while they are on the Oversight

Committee". After a long discussion -- sometimes very confusing-- the motion was passed (6 for it, 5 against it). The 1991 conference will take place in Seattle, (IEEE sponsored). A motion was placed by F. Aldana that "the five members of the Oversight Committee who belong to the IEEE-NNC should act as the meetings committee of the NNC." The motion passed unanimously.

T. Ephremides brought up the Region 10 meetings outside the U.S. and that TAB will match the amount that the societies will contribute for one or two representatives to these meetings. The current plan is one in India, one in Singapore and a couple in Australia. If we choose to participate in this series of colloquia we should designate one or two people to participate. R. Eberhart moved that up to \$5,000 be allocated as matching funds for this traveling to the IEEE Symposia in Asia. Motion was carried unanimously.

It was decided that the next meeting will be on Sunday, November 26, 1989 at 1:30 p.m. at the NIPS Meeting.

M. Aronstein brought up the issue of percentage interest for the San Diego section in the IJCNN '90 meeting. The issue was tabled.

The meeting was then adjourned.

CONSTITUTION

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PROPOSED CONSTITUTION FOR THE
IEEE COUNCIL ON NEURAL NETWORKS

ARTICLE I

NAME AND OBJECTIVES

Section 1. The name of the organization constituted herein shall be the IEEE Council on Neural Networks (NN).

Section 2. The purpose of the Council is to advance and coordinate work in the field of Neural Networks carried out throughout the IEEE and as such is exclusively scientific, literary and educational in character. In furtherance of the foregoing, the Council may publish appropriate periodicals, sponsor IEEE Neural Networks related conferences and conference sessions, sponsor IEEE Press publications, and engage in any other activity within its field of interest. All such actions must be in consonance with the Constitution, Bylaws, and Statements of Policy of the IEEE, with special attention to such aims within the field of interest of the Council as are hereinafter defined.

ARTICLE II

FIELD OF INTEREST

Section 1. The field of interest of the Council and its activities and programs shall consist of aspects of the theory, design, and applications of neural networks that range from software to hardware. It shall include the following aspects and applications of neural networks: adaptive systems, biological systems, self-organizing systems, network dynamics, network architectures, learning algorithms, associative memories, image processing, vision, speech recognition, robotics and controls, novel applications, combinatorial optimization, photonic implementation, and electronic implementation. Changes to the field of interest may be made with approval of the IEEE Technical Activities Board.

ARTICLE III

MEMBERSHIP OF THE COUNCIL

Section 1. The Council shall be composed of IEEE Societies which have demonstrated a strong interest in Neural Networks and are supporting technical activities in the field. These Societies must agree to share the responsibility for all obligations, of the Council, including financial in accordance with this Constitution and the Council Bylaws.

Section 2. Each new Member Society must be approved by a two-thirds affirmative vote of the voting members of the Council AdCom, and by the IEEE Technical Activities Board before it may join the Council.

Section 3. If a Member Society does not have any representative present at any of the Council AdCom meetings held during a calendar year and is inactive in Council affairs, the Member Society may be dropped from Council membership. Notice of such proposed action shall be given to the President of the delinquent Society at least twenty days before the Council AdCom meeting where such action will be considered. Such action must be approved by two-thirds of the AdCom members present and voting and by the IEEE Technical Activities Board before it becomes final.

Section 4. The officers of the Council shall be as follows: President, Vice-President, Secretary, and Treasurer. (Note: Refer to Article IV Section 1 for definition of Vice-President).

Section 5. Council business will be conducted by its AdCom which will include both voting and non-voting members. The voting members will be:

- a. Two representatives to be appointed by each Member Society.
- b. The President, Vice-President, the Secretary, and the Treasurer (or if combined, the Secretary/Treasurer).
- c. The most recent available immediate past President of the Council.
- d. The Chairperson of the Meetings Committee and the Chairperson of the Publications Committee.

An individual may not serve concurrently as both a Council officer and a Council Member Society representative. When a Member Society representative is elected to a Council office, the Council office shall take precedence over the Society appointment, and any resulting vacancy(s) shall be filled promptly by the appropriate Society.

Section 6. Each representative and officer on the Council must be an IEEE member.

Section 7. The term of office of a Member Society representative on the Council shall be two years with each of the two Society representatives appointed by the Society in alternate years. No Society representative shall be eligible to serve more than four consecutive years. An unexpired term filled for more than six months shall count as a full year. Reappointment after the completion of any term of four consecutive years may be made only after a lapse of at least one year.

Section 8. When a within-term Council representative vacancy occurs, the Council President shall request the appropriate Society to appoint a representative to complete the unexpired term.

Section 9. The non-voting ex-officio members of the Council AdCom will be:

- a. The Director of the Division in which the Council resides.
- b. The TAB Staff Secretary.
- c. The General Manager of IEEE.
- d. The IEEE Vice-President for Technical Activities.

Section 10. Any other IEEE Society which is not a member of the Council may send a non-voting liaison representative to attend for the purpose of establishing lines of communication between the Council and the parent Society represented.

ARTICLE IV

ELECTION AND APPOINTMENT OF OFFICERS

Section 1. Every year, the voting members of the Council AdCom shall elect a Vice-President at the Annual Meeting. The Vice-President shall serve for one year, and will become Council President on January 1st to serve a 1-year term in that capacity.

Section 2. Officers shall be elected and appointed in accordance with the rules specified in the Council Bylaws.

Section 3. If the Office of President becomes vacant, the Vice-President shall become President for the remainder of the term assumed. If the office of Vice President becomes vacant, the voting members of the Council AdCom shall elect a new Vice-President promptly.

ARTICLE V

POWERS, PRIVILEGES, AND DUTIES

Section 1. It shall be the duty of each representative of a Member Society to participate in matters before the Council AdCom and to keep the Administrative Committee of the Society represented informed concerning Council business. Members of any Member Society AdCom may attend any open meeting of the Council as observers.

Section 2. The duties and responsibilities of the officers and members of the Council AdCom shall be as defined hereunder and in the Bylaws, and as further delineated by the Council.

Section 3. The President shall appoint for a term concurrent with his presidency, the Council Secretary and Treasurer, as well as Editors of Council's Periodicals, the Chairpersons of the standing committees of the Council as specified in the bylaws on or before January 1st of the year in which he takes office as President. All appointments shall be made with the advice and consent of the Council AdCom. The Secretary, Treasurer, Editors, and Chairperson appointments need not be made from among the individuals who are on the Council AdCom as Society representatives; but if such selections seem to be in the best interest of the Council, the resulting vacancies must be filled promptly in accordance with Article III, Section 5.

Section 4. The Council President, under the direction of Council AdCom, shall call all regular, annual, and special Council AdCom meetings and shall preside over them. The President shall coordinate and supervise activities of the Council and have such other powers and perform such other duties as may be provided for in the Council Constitution or Bylaws or as may be delegated to the President by vote of the Council AdCom. Included in the President's duties shall be the responsibility to see that the orders and resolutions of the Council, the IEEE Technical Activities Board, the IEEE Executive Committee, and the IEEE Board of Directors are carried out. The President shall be an ex-officio member of all standing and special committees of the Council except the Nominating Committee, and may vote at Council meetings if necessary to break a tie and during the election of officers.

The President shall also be an ex-officio member of the IEEE Technical Activities Board, and, when notified of a meeting of said Board, shall ensure representation of the Council.

Section 5. Standing committees may be established as needed. With the advice and consent of the Council AdCom, the President shall appoint committee officers (and members, if such action is not specifically delegated in the establishment action of the Council) and shall fill any vacancies that occur during the year.

Individuals appointed as committee officers or members shall serve a nominal term of one year but shall continue to serve until their successors are appointed or the committee is dissolved, except where other terms are specifically designated by the Constitution or Bylaws.

The President may appoint ad hoc committees for special assignments as needed.

Section 6. The Vice-President shall assist the President in fulfilling all assigned duties, and shall assume the duties and have the power, privileges, and responsibilities of the President during the latter's absence or incapacity.

Section 7. The Secretary shall be responsible for all reports, petitions and records concerning the Council, keeping true and faithful minutes of all meetings of the Council AdCom, and shall prepare such reports as may be required by the Council, the IEEE Technical Activities Board, or the IEEE Executive Committee. The Secretary shall send out notices when instructed to do so by the President or in accordance with requirements of the Council Constitution or Bylaws. Copies of all meeting notices, minutes of meetings, and letter or bulletins sent and received during the previous two years shall be kept by the Secretary, except for those specifically assigned to the custody of others, and the Secretary shall send current copies to IEEE Headquarters for archival storage.

In the absence or incapacity of the President and Vice-President, the Secretary shall perform the duties of the President and have all Presidential powers, privileges, and responsibilities during the absence or incapacity of the President and Vice-President.

Section 8. The Treasurer shall propose a budget for Council operation to be endorsed by Council AdCom and approved by TAB and shall monitor expenditures to verify that they are in accordance with the approved budget. The Treasurer shall prepare financial reports as requested by the Council President, and shall keep the Treasurers of the Member Societies informed on Council financial matters affecting their budgets. The Council Treasurer shall approve the Conference budgets after they are approved by the Meetings Committee prior to being forwarded to IEEE Headquarters for review and final approval.

The Treasurer may utilize the services of IEEE headquarters as bursar for all or part of the Council funds, as provided by the IEEE Bylaws and Statements of Policy. If any parts of the Council funds is received and deposited separately, the terms and conditions shall be in accordance with IEEE policies and subject to Council Bylaws and any other limitations imposed by the Council. Disbursements shall be made on the signature or instructions of the Treasurer. If the Treasurer is disabled or unable to serve, the President may make disbursements during his incapacity.

Section 9. The President, elected and appointed officers shall normally assume office on January 1st or as soon thereafter as practicable.

Section 10. The officially constituted officers of the Council shall have the sole authority to obligate the funds and assets of the Council to promote the Council's activities, provided that no Council officer or representative shall have authority to contract debts for, pledge the credit of, or in any way bind the IEEE for activities prohibited by the Bylaws of the IEEE or the Constitution and Bylaws of the Council.

Section 11. No officer of the Council, representative on Council AdCom, or Editor shall receive, directly or indirectly, any honorarium, traveling expenses, compensation, or emolument from the Council as an officer or in any other capacity unless authorized by Council AdCom or by the Bylaws of the Council in a manner in conformity with IEEE policies and procedures.

ARTICLE VI

FINANCIAL SUPPORT & EXPENDITURES

Section 1. The financial support for the Council shall be derived from subscription sales of Council Publications, any surplus from the Conferences organized or sponsored by the Council, other programs and products sponsored by the Council, and allocations of funds provided by the Member Societies.

Section 2. The Council may raise revenues by other means provided such means are consistent with applicable IEEE rules and regulations and are within the approved Council field of interest. The Council must receive an opinion from the General Manager of the IEEE that any revenue means not explicitly covered by IEEE Statements of Policy does not conflict with IEEE policy before being adopted by the Council.

Section 3. Monies held by or for the Council legally belong to the IEEE, and shall not be expended for activities prohibited by the Constitution, By-Laws and Statements of Policy of the Institute, the Constitution and By-Laws of the Council, or any other purposes known to be inimical to the interests of the IEEE. Returns from investment of Council funds shall be credited to the Council.

ARTICLE VII

COUNCIL MEETINGS

Section 1. The Council shall hold an Annual Meeting. Additional meetings of the Council, represented by its AdCom, may be held at such times as are found necessary or convenient. Meetings of the Council AdCom may be called at the discretion of the Council President or upon request by at least four AdCom members. The time, place and agenda shall be announced to all members of the Council AdCom at least twenty days in advance of the meeting, or by first-class mail to the address of record of each Council AdCom Member at least twenty-five days in advance of the meeting.

Section 2. The Annual meeting of the Council shall normally be the last AdCom meeting of the year held at a time and place designated by the President.

Section 3. One-third of the voting members of the Council AdCom, which must include representatives from at least one-third of the Member Societies, shall constitute a quorum. Written proxies will not be accepted in determining the quorum. The Chairperson of the Publications Committee, and the Chairperson of the Meetings Committee, the Secretary, and the Treasurer shall be ex-officio members of the Council with a vote on all matters except election of officers and changes to the Constitution and By-Laws. If the offices of Secretary and Treasurer are combined, there shall be one vote by the officer.

Section 4. If a regular representative from a Member Society is unable to attend a meeting of the Council AdCom, the President of the Member Society may designate an alternate by a letter of proxy, who shall have all the powers of the regular representative. Officers of the Council may not delegate their powers by proxy.

Section 5. Business of the Council may be transaction by correspondence, or other telecommunication means where in the opinion of the President matters requiring action can be adequately handled in that manner. All such business must be confirmed promptly in writing. All voting members of the Council should be informed on such interim actions, and a majority of the entire Council must be reached for ratification of the actions, if balloting is necessary, unless otherwise provided by the Constitution of By-Laws.

Section 6. If less than a quorum is in attendance at duly called meetings, tentative actions may be taken that will become effective upon subsequent ratification, either at a subsequent meeting or by mail, as specified in Section 5 above.

ARTICLE VIII

PUBLICATIONS

Section 1. All Council publication activities shall be subject to IEEE policies, and to any further guidance or controls prescribed by the Council AdCom or its duly appointed committees.

Section 2. The Council may publish appropriate Periodicals in accordance with IEEE Policies and Procedures. Selection of the published material shall be in accordance with the objectives and policies of IEEE and the Council.

Section 3. The Council President, with the advice and consent of the Council AdCom, shall appoint the Editors who shall in turn appoint associate and/or guest editors as may be required to implement the publications program.

ARTICLE IX

CONFERENCE AND TECHNICAL MEETINGS

Section 1. All Council conferences and technical meeting activities shall be subject to IEEE policies, and to any further guidance or controls prescribed by the Council or its duly-appointed committees.

Section 2. The Council shall determine the time and location of each sponsored Conference and technical meeting. Furthermore, the Council shall not be bound by any agreements within or without IEEE, made prior to ratification of this Constitution.

ARTICLE X

RECALL

Section 1. If at any time during the year and for any reason the best interests of the Council seem to require a change in Member Society representatives or officers, the matter shall be discussed at a regular or a special meeting of the Council AdCom called for the purpose of considering and voting upon the recommended change. At least twenty days before the Council AdCom meeting, notice of such proposed action shall be given to all appropriately interested individuals, including the President and Secretary of each Member Society involved and the Chairman and Secretary of the IEEE Technical Activities Board.

Section 2. An affirmative vote of two-thirds of the voting members of the Council AdCom shall be necessary to declare a vacancy for cause.

For the purposes of this Section, an abstention shall be counted as a cast negative vote.

ARTICLE XI

AMENDMENTS

Section 1. Sections of this Constitution may be adopted or amended by action of the Council at a regular or special meeting if the following provisions are met:

- a. Notice of the meeting and of the proposed change(s) must be mailed by first-class mail to the last-known address of each member of the Council AdCom at least twenty-five days prior to such meeting.
- b. A two-thirds affirmative vote of the votes cast by the members of the Council AdCom is required for passage.
- c. An amendment may be approved by a mail ballot if at least a thirty-day period is provided for responses, and two-thirds of the entire Council AdCom votes affirmatively.
- d. The Amendment shall become effective immediately after ratification by the IEEE Technical Activities Board.

Section 2. By-Laws to this Constitution may be adopted or amended by a majority affirmative vote of the votes cast by the Council AdCom at a regular or special meeting, provided that notice of the meeting and a copy of the proposed change(s) is mailed by first-class mail to the last known address of each member of the Council AdCom at least twenty-five days prior to such meeting.

A By-Law may also be adopted or amended by a mail ballot provided that a copy of the proposed change(s) is mailed to the last known address of each member of Council AdCom, at least thirty days are allowed for a reply, and a majority of the entire Council AdCom votes affirmatively.

The new By-Law or Amendment shall be filed with the Secretary of the IEEE Technical Activities Board at least twenty days prior to the effective date.

Section 3. The Constitution, By-Laws, and Statements of Policy of the IEEE shall, at all times, take precedence over those of the Council.

Section 4. All amendments to the Constitution or By-Laws shall become effective immediately after all required approvals have been obtained, unless a later date has been specified at the time of the vote.

Constitution Adopted: _____

To Be Effective: _____

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PROPOSED BYLAWS FOR THE
IEEE COUNCIL ON NEURAL NETWORKS

These By-Laws provide detailed guidance for the supervision and management of Council affairs, in accordance with the Council Constitution. Amendments or additions may be made by means of the procedures described in Article XI, Section 2, of the Constitution.

ARTICLE I

RULES OF ORDER

Section 1. In all matters not covered by the Constitution, By-Laws, and Rules, the Council shall be governed by the latest edition of Robert's Rules of Order.

ARTICLE II

MEMBER SOCIETIES

Section 1. The Member Societies of the Council shall be those formally admitted by the IEEE Technical Activities Board in accordance with the Council Constitution. A current listing of Member Societies will be maintained by the TAB Secretary at IEEE Headquarters.

Section 2. Any Member Society unwilling or unable to continue to share responsibilities as defined in the Council Constitution may resign from the Council. When a letter of resignation has been received by the Council Secretary, the resigning Society shall be dropped from the Council roll at the end of the calendar year. Any former Member Society may later rejoin, without prejudice, on the same basis as any new applicant.

ARTICLE III

NOMINATIONS, ELECTIONS, AND APPOINTMENTS

Section 1. The Nominating Committee, which is a Standing Committee of the Council, shall consist of a Chairperson and three other members. At least one shall not be a current Council member but shall belong to at least one Member Society. The officers of the Council may not serve on the Nominating Committee nor be members ex-officio.

Section 2. The Chairperson of the Nominating Committee shall consult with each candidate prior to nomination to determine willingness to serve if elected.

Section 3. The Nominating Committee shall be guided in its selections by the principles of efficiency, geographical distribution, past history, and technical interest.

Section 4. The Chairperson of the Nominating Committee shall submit the Committee Report to the Council AdCom at the beginning of its Annual Meeting, or with the approval of the Council President, by letter to all qualified voting officers and representatives on the Council AdCom prior to the Annual Meeting. From the floor of the same meeting or by letters mailed to the entire Council AdCom, the officers and representatives may make additional nominations.

Section 5. The names of any candidates of the Council who are not eligible under the Constitution or By-Laws shall be withdrawn by the President of the Council.

Section 6. Election of the officers, whenever a vacancy exists, shall be from those nominates as specified in these By-Laws, Article III, Sections 2, 3, 4, and 5. Elections shall be by secret ballot of the voting members of the Council AdCom. For the first year of operation of the Council, the officers must be elected by secret ballot directly by the Council AdCom. Nominations must be made by the voting AdCom members.

Section 7. If any Council office becomes vacant at any time during the year, and if the vacant office cannot be filled by logical succession of an existing Council officer as described in the Constitution and By-Laws, the Council will promptly hold an election to fill the existing vacancy. As needed, elections shall be held separately for the offices of President, Vice-President in that order. To be elected, a nominee must receive a majority of the proper votes cast. If no candidate receives a majority on a ballot, the name of the candidate receiving the smallest vote shall be withdrawn and a second ballot taken. This procedure shall be repeated until one candidate receives a majority vote.

The Council AdCom may hold contingent elections to be effective if an elected officer fails to accept office, is disapproved by IEEE Headquarters because there has been some irregularity in the nominations and election procedures, or has failed to maintain IEEE membership and Society membership.

Section 8. The President of the Council shall inform each successful candidate of his election and shall arrange for the transfer of responsibility. The name of each elected officer shall be reported to the Chairman and Secretary of the IEEE Technical Activities Board.

ARTICLE IV

STANDING COMMITTEES

Section 1. The Standing Committees shall include the following:

Meetings Committee
Publications Committee
Nominating Committee
Constitution and By-Laws Committee

Section 2. The Council may establish such additional Standing Committees as may be deemed desirable.

Section 3. Each Standing Committee shall have the power to create subcommittees of its own selection.

Section 4. The organization of each Conference or Technical Meeting sponsored by the Council shall include a Steering Committee and a Program Committee whose Chairperson shall be appointed by the President upon the recommendation of the Meetings Committee and with the advice and consent of the Council AdCom. The individual members of the respective committees should be appointed by the above officials. The Meetings Committee, with approval of the Council, may plan, organize and sponsor other activities held in conjunction with Conferences of other societies.

Section 5. The Publications Committee shall establish publication policy subject to annual review by the Council. It shall assist the appropriate Editors of Council Periodicals in the choice of special topics and in guiding and planning all Publications.

Editors may designate associate editors, special guest editors, and manuscript reviewers, doing so in accordance with general IEEE statements of Policy.

Editorial expenses must be in accordance with an annual budget approved by the Council. Editors may authorize publication expenses, but shall be responsible for adherence to the publication budget.

Section 6. The Nominating Committee shall be appointed by the President of the Council in accordance with the provisions of the Constitution and Article III, Section 1, of these By-Laws. It shall have the duties described in Article III, Sections 1, 2, 3, 4, of these By-Laws. The Chairperson of the Nominating Committee shall be the past president of the Council.

Section 7. The Secretary of the Council shall serve as the Chairperson of the Constitution and By-Laws Committee. Additional members may be appointed by the President upon request of the Council's AdCom.

The functions of the Constitution and By-Laws Committee will be to:

- a. Maintain up-to-date copies of the Constitution and By-Laws and make them available upon request.
- b. Ascertain that the Constitution and By-Laws are not in conflict with any requirements or rules of IEEE Headquarters.
- c. Recommend changes in the Constitution or By-Laws as necessary to conform to the development of the Council or to changes by IEEE Headquarters.
- d. The Chairperson of the Constitution and By-Laws Committee shall serve as Parliamentarian and Consultant on Procedural matters at meetings of the Council AdCom.

ARTICLE V

FINANCES

Section 1. The Treasurer shall submit a proposed Council budget for the ensuing year in accordance with IEEE budget development guidelines. When approved by the Council and the TAB, this budget shall become the working budget for the following year. This approved budget will constitute authorization to the Treasurer to disburse the funds in amounts not to exceed any budgeted item.

The Treasurer shall be responsible for forwarding to IEEE Headquarters the approved budget, and Headquarters will be thereby authorized to disburse the funds in accordance with instructions from the Treasurer.

The Treasurer shall obtain a financial statement of receipts, expenditures, and balances from IEEE Headquarters at least twice yearly and shall distribute copies of this statement to all members of the Council AdCom. The treasurer shall also keep a running account of commitments to date.

Section 2. The financial support for the Council shall be derived from the income from sales of the Council Periodicals, Books and IEEE Press publications, and from its share of any surplus from the Council sponsored Conferences. The Periodicals subscription prices to members of the Council Member Societies shall be set to be no less than self-sustaining.

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Section 5. The Treasurer of Council sponsored Conferences is authorized to open an account in the Conference's name, to be used for the deposit and disbursement of funds related to the Conference. The Council shall be advised of the name of the bank, the anticipated size of the account, the names of the account, signatories and of arrangements for insurance and bonding, all of which must be in accordance with IEEE policies and procedures.

ARTICLE VI

COUNCIL MEETINGS

Section 1. The Secretary shall announce to the members of the Council AdCom all Chairpersons of Standing and Special Committees and appropriate guests of the time, place, and agenda of all meetings of the Council AdCom at least twenty days in advance of the meeting or by first class mail at least twenty-five days in advance of the meeting.

Section 2. A roll call shall be made at the beginning of each Council AdCom meeting. The Secretary shall record the names of those present and announce whether a quorum exists.

Section 3. The Secretary shall transmit in writing within ten days of their adoption all motions, directives, or orders of the Council to the persons affected. The secretary shall transmit a copy of the minutes of the Council AdCom to the officers, members of the Council AdCom, Chairpersons of the Standing and Special Committees, and to the Secretary of the IEEE Technical Activities Board Operating Committee within thirty days of the meeting. As soon after January 1st as practicable, The secretary shall provide a directory listing the names and address of all of the above-mentioned people to each person named therein.

Section 4. The Chairpersons of all Standing Committees who are not voting members of AdCom shall be invited to attend all meetings of the Council AdCom as guests and advisors.

Section 5. Meetings of the Council AdCom may be cancelled only by consent of a majority of all the members of the Council not less than fourteen days before the original date or the new date set for the meeting, whichever is earlier. Notice of such cancellation or changed date shall be given all Council AdCom members by mail not less than ten days before the original or the new date, whichever is earlier.

Section 6. Meetings of the Council AdCom may be held at international or regional technical meetings or conventions of the IEEE, jointly with a Section, separately, or jointly with another society, whenever such a meeting is deemed desirable by the Council.

By-Laws adopted _____ to be effective _____

BOB, THERE ARE
CHANGES REQUIRED
TO BYLAWS

ARTICLE III
SECTION 6

WHICH NEED TO
BE MADE. EVIDENTLY
THERE WAS SOME
MIXUP - SEE ENCLOSED



HERBERT E. RAUCH
Lockheed 92-20/254 E
3251 Hanover Street
Palo Alto, CA 94303 USA

Officers Draft, 9-20-89

Officers

Section 5. The names of any candidates of the Council who are not eligible under the Constitution or By-Laws shall be withdrawn by the President of the Council.

Section 6. Election of the Vice-President, whenever a vacancy exists, shall be from those nominees as specified in these By-Laws, Article III, Sections 2, 3, 4, and 5. Elections shall be by secret ballot of the voting members of the Council AdCom. For the first year of operation of the Council, the President and Vice-President must be elected by secret ballot directly by the Council AdCom. Nominations must be made by the voting AdCom members.

Section 7. If any Council office becomes vacant at any time during the year, and if the vacant office cannot be filled by logical succession of an existing Council officer as described in the Constitution and By-Laws, the Council will promptly hold an election to fill the existing vacancy. As needed, elections shall be held separately for the offices of President, Vice-President in that order. To be elected, a nominee must receive a majority of the proper votes cast. If no candidate receives a majority on a ballot, the name of the candidate receiving the smallest vote shall be withdrawn and a second ballot taken. This procedure shall be repeated until one candidate receives a majority vote.

The Council AdCom may hold contingent elections to be effective if an elected officer fails to accept office, is disapproved by IEEE Headquarters because there has been some irregularity in the nominations and election procedures, or has failed to maintain IEEE membership and Society membership.

Section 8. The President of the Council shall inform each successful candidate of his election and shall arrange for the transfer of responsibility. The name of each elected officer shall be reported to the Chairman and Secretary of the IEEE Technical Activities Board.

ARTICLE IV

STANDING COMMITTEES

Section 1. The Standing Committees shall include the following:

- Meetings Committee
- Publications Committee
- Nominating Committee
- Constitution and By-Laws Committee

Section 2. The Council may establish such additional Standing Committees as may be deemed desirable.

Section 3. Each Standing Committee shall have the power to create subcommittees of its own selection.

Section 4. The organization of each Conference or Technical Meeting sponsored by the Council shall include a Steering Committee and a Program Committee whose Chairperson shall be appointed by the President upon the recommendation of the Meetings Committee and with the advice and consent of the Council AdCom. The individual members of the respective committees should be appointed by the above officials. The Meetings Committee, with approval of the Council, may plan, organize and sponsor other activities held in conjunction with Conferences of other societies.

Draft, 9-20-89

Section 5. The Publications Committee shall establish publication policy subject to annual review by the Council. It shall assist the appropriate Editors of Council Periodicals in the choice of special topics and in guiding and planning all Publications.

Editors may designate associate editors, special guest editors, and manuscript reviewers, doing so in accordance with general IEEE statements of Policy.

Editorial expenses must be in accordance with an annual budget approved by the Council. Editors may authorize publication expenses, but shall be responsible for adherence to the publication budget.

Section 6. The Nominating Committee shall be appointed by the President of the Council in accordance with the provisions of the Constitution and Article III, Section 1, of these By-Laws. It shall have the duties described in Article III, Sections 1, 2, 3, 4, of these By-Laws. The Chairperson of the Nominating Committee shall be the past president of the Council.

Section 7. The Secretary of the Council shall serve as the Chairperson of the Constitution and By-Laws Committee. Additional members may be appointed by the President upon request of the Council's AdCom.

The functions of the Constitution and By-Laws Committee will be to:

- a. Maintain up-to-date copies of the Constitution and By-Laws and make them available upon request.
- b. Ascertain that the Constitution and By-Laws are not in conflict with any requirements or rules of IEEE Headquarters.
- c. Recommend changes in the Constitution or By-Laws as necessary to conform to the development of the Council or to changes by IEEE Headquarters.
- d. The Chairperson of the Constitution and By-Laws Committee shall serve as Parliamentarian and Consultant on Procedural matters at meetings of the Council AdCom.

ARTICLE V

FINANCES

Section 1. The Treasurer shall submit a proposed Council budget for the ensuing year in accordance with IEEE budget development guidelines. When approved by the Council and the TAB, this budget shall become the working budget for the following year. This approved budget will constitute authorization to the Treasurer to disburse the funds in amounts not to exceed any budgeted item.

The Treasurer shall be responsible for forwarding to IEEE Headquarters the approved budget, and Headquarters will be thereby authorized to disburse the funds in accordance with instructions from the Treasurer.

The Treasurer shall obtain a financial statement of receipts, expenditures, and balances from IEEE Headquarters at least twice yearly and shall distribute copies of this statement to all members of the Council AdCom. The Treasurer shall also keep a running account of commitments to date.

OKAY

Draft, 9-20-89

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The Secretary

*Eddie,
Here's the list
for mailing.
Add Lauri ✓
Jobmann
-Bob-*

August 1, 1989

**IEEE Neural Networks Committee Members
And Member Society Presidents**

Robert J. Marks II, Chairman
Evangelia Tzanakou, Secretary
Russell Eberhart, Treasurer

Acoustics, Speech and Signal Processing

Richard P. Lippmann
MIT Lincoln Laboratory
P.O. Box 73
Lexington, MA 02173
(617) 981-2711

B. H. Juang
AT&T Bell Laboratories 2d 534
600 Mountain Avenue
Murray Hill, NJ 07974
(201) 582-2002

~~D. M. Etter, President
EECE Department
University of New Mexico
Albuquerque, NM 87131
(505) 277-6564~~

Circuits and Systems

Robert J. Marks II
Interactive Systems Design Laboratory
University of Washington
Seattle, WA 98195
(206) 543-6990
marks@blake.acs.washington.edu
FAX:(206)543-3842

Anthony N. Michel
Dean, College of Engineering
Dept. of Electrical Engineering
University of Notre Dame
Notre Dame, IN 46556
(219) 239-5534

~~Dr. Rolf Schaumann, President
Dept. of Electrical Engineering
University of Minnesota
123 Church Street S.E.,
Minneapolis, MN 55455
(612) 625-0838~~

Communications

Charles M. Puckette, IV, Manager
Communications Technology and
Systems Branch
General Electric Company
P.O. Box 8
Schenectady, NY 12301

(the new appointee)

~~John C. McDonald, President
Contel Corporation
375 Park Avenue, Suite 2405
New York, NY 10152
(212) 758-6161~~

Control Systems

Herbert E. Rauch
Lockheed
Dept. 92-20, Bldg. 254E
3215 Hanover Street
Palo Alto, CA 94304
(415) 424-2704
FAX: (415) 424-3333

Bradley Dickinson
Dept. of Electrical Engineering
Princeton University
Princeton, NJ 08544
bradley@ivy.princeton.edu
(609)452-4644

~~Jane K. Cullum, President
33-259
IBM Research Division
T. J. Watson Research Center
P. O. Box 218, Route 134
Yorktown Heights, NY 10598
(914) 945-2227~~

Engineering in Medicine and Biology

Evangelia Tzanakou
Biomedical Engineering
Rutgers University
P.O. Box 909
Piscataway, NJ 08854
(201) 932-2037
etzanako@elbereth.rutgers.edu
FAX:(201)932-5313

Russell Eberhart
JHU Applied Physics Laboratory
Johns Hopkins Road
Laurel, MD 20707
(301) 953-5037
rce1%aplvm.bitnet@uwavm.acs.
washington.edu

~~Willis J. Tompkins, President
Electrical & Computer Engineering
University of Wisconsin
1415 Johnson Drive
Madison, WI 53706-1691
(608) 263-1581~~

Dr. Mel Olken
IEEE
Technical Activities Department
345 East 47th Street
New York, NY 10017-2394
(212) 705-7178 (O)
(212) 982-8286 (H)

Robotics and Automation

Wesley E. Snyder
Elec. and Computer Engineering
North Carolina State University
Box 7911
Raleigh, NC 27695
(919) 737-2336
wes@ecelet.ncsu.edu

(Vacant)

~~Arthur C. Sanderson, President
Electrical, Computer & Systems Engineering
Rensselaer Polytechnic Institute
110 Eighth Street
Troy, NY 12180
(518) 276-2879~~

Systems, Man, and Cybernetics

Nicholas DeClaris
8518 Beauford Drive
Fulton, MD 20759
(202) 357-7692
declaris%medinfor.uucp@umbc3.umbc.edu

Don Bouldin
Dept. of Electrical & Computer Engineering
University of Tennessee
Knoxville, TN 37996-2100
(615) 974-5444
bouldin@sun1.engr.utk.edu

~~Arye R. Ephrath, President
Bell Communications Research, Inc.
444 Hoes Lane
Room 4D-512
Piscataway, NJ 08854
(201) 699-4129~~

Division 10 Director:

Anthony Ephremides
Electrical Engineering Department
University of Maryland
College Park, MD 20742
(301) 454-6871
(301) 933-5678 (home)
FAX: (301) 454-1837
tony@eneevax.umd.edu

IJCNN Oversight Committee Chair

Robert W. Newcomb
Mirosystems Laboratory
Electrical Engineering Dept.
University of Maryland
College Park, MD
FAX (301) 454-1837
301-454-6869

FAX: (301) 428-6142

Industrial Electronics

H. Troy Nagle
Elec. and Computer Engineering
North Carolina State University
Box 7911
Raleigh, NC 27695
(919) 737-3578
htn@ece-csc.ncsu.edu 81-3-812-2111,
FAX: (919) 737-7382

Fernando Aldana
Universidad Politecnica de Madrid
Avda. Ramiro de Maeztu, s/n
Ciudad Universitaria
E-28040 Madrid - SPAIN

~~Fernando Aldana, President
Universidad Politecnica de Madrid
Avda. Ramiro de Maeztu, s/n
Ciudad Universitaria
E-28040 Madrid, SPAIN
34-1-234 37 09~~

Information Theory

Edward C. Posner
Dept. of Electrical Engineering
California Inst. of Technology
1201 California Street
Pasadena, CA 91125
(818) 356-4852

Yasser S. Abu-Mustafa
Dept. of Electrical Engineering
California Inst. of Technology
1201 California Street
Pasadena, CA 91125
(818) 356-4842

~~Ian F. Blake, President
Dept. of Electrical Engineering
University of Waterloo
Waterloo, Ontario, Canada N2L 3G1
(519) 885-1211 Ext. 2840~~

Lasers and Electro-Optics

Joseph W. Goodman
Dept. of Electrical Engineering
Stanford University
McCullough 150
Stanford, CA 94305-4055
(415) 723-3304
goodman@sierra.stanford.edu

Kristina Johnson
Dept. of EE & CS
University of Colorado
Campus Box 425
Boulder, CO 80309
(303) 492-1835
kris@boulder.colorado.edu

~~Melvin I. Cohen, President
AT&T Bell Laboratories
P. O. Box 900
Princeton, NJ 08540
(609) 639-2223~~

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990 (office), 543-6061 (secretary),
543-2150 (main office), 776-8995 (home);
(206) 543-3842 (FAX); marks@blake.acs.washington.edu*

September 1, 1989

Dr. Herbert E. Rauch, Editor
IEEE Transaction on Neural Networks
Lockheed 92-20/254E
3251 Hanover Street
Palo Alto, CA 94304

Dear Herb:

Here's the Constitution revised as of 8/22/89.

Sincerely,



Robert J. Marks II, Chair
IEEE Neural Networks Committee

RJM:ew
Att.

cc: Dr. Troy Nagle

CONSTITUTION AND BYLAWS
FOR THE IEEE COUNCIL ON NEURAL NETWORKS

CONSTITUTION

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	Section 3 Removal of Member Societies
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	Section 5 Vacancies of Member Society Representatives
	Section 6 Officers of Council AdCom
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PROPOSED CONSTITUTION FOR THE
IEEE COUNCIL ON NEURAL NETWORKS

ARTICLE I

NAME AND OBJECTIVES

Section 1. The name of the organization constituted herein shall be the IEEE Council on Neural Networks (NN).

Section 2. The purpose of the Council is to advance and coordinate work in the field of Neural Networks carried out throughout the IEEE and as such is exclusively scientific, educational and professional in character. In furtherance of the foregoing, the Council may publish appropriate periodicals, sponsor IEEE Neural Networks related conferences and conference sessions, sponsor IEEE Press publications, and engage in any other activity within its field of interest. All such actions must be in consonance with the Constitution, Bylaws, and Statements of Policy of the IEEE, with special attention to such aims within the field of interest of the Council as are hereinafter defined.

ARTICLE II

FIELD OF INTEREST

Section 1. The field of interest of the Council and its activities and programs shall consist of all aspects of the science and technology of neural networks including theory, design, and applications that range from software to hardware. Changes to the field of interest may be made with approval of the IEEE Technical Activities Board and its Operating Committee.

ARTICLE III

MEMBERSHIP OF THE COUNCIL

Section 1. The Council shall be composed of IEEE Societies which have demonstrated a strong interest in Neural Networks and are supporting technical activities in the field. These Societies must agree to share the responsibility for all obligations, of the Council, including financial in accordance with this Constitution and the Council Bylaws.

Section 2. Each new Member Society must be approved by a two-thirds affirmative vote of the voting members of the Council AdCom, and by the IEEE Technical Activities Board before it may join the Council.

Section 3. If a Member Society does not have any representative present at any of the Council AdCom meetings held during a calendar year and is inactive in Council affairs, the Member Society may be dropped from Council membership. Notice of such proposed action shall be given to the President of the delinquent Society at least twenty days before the Council AdCom meeting where such action will be considered. Such action must be approved by two-thirds of the AdCom members present and voting and by the Operating Committee of the IEEE Technical Activities Board before it becomes final. *omit*

Section 4. The officers of the Council shall be as follows: President, Vice-President, Secretary, and Treasurer.

Section 5. Council business will be conducted by its AdCom which will include both voting and non-voting members. The voting members will be:

- a. Two representatives to be appointed by each Member Society.
- b. The President, Vice-President, the Secretary, and the Treasurer.
- c. The most recent available immediate past President of the Council.

An individual may not serve concurrently as both a Council officer and a Council Member Society representative. When a Member Society representative is elected to a Council office, the Council office shall take precedence over the Society appointment, and any resulting vacancy(s) shall be filled promptly by the appropriate Society.

Section 6. Each representative and officer on the Council must be an IEEE member.

Section 7. The term of office of a Member Society representative on the Council shall be two years with each of the two Society representatives appointed by the Society in alternate years. No Society representative shall be eligible to serve more than four consecutive years. An unexpired term filled for more than six months shall count as a full year. Reappointment after the completion of any term of four consecutive years may be made only after a lapse of at least one year.

Section 8. When a within-term Council representative vacancy occurs, the Council President shall request the appropriate Society to appoint a representative to complete the unexpired term.

Section 9. The non-voting ex-officio members of the Council AdCom will be:

- a. The Director of the Division in which the Council resides.
- b. The TAB Staff Secretary.
- c. The General Manager of IEEE.
- d. The IEEE Vice-President for Technical Activities.

Section 10. Except for those AdCom meetings specifically designated as closed, any other IEEE Society which is not a member of the Council may send a non-voting liaison representative to attend for the purpose of establishing lines of communication between the Council and the parent Society represented. *omit*

ARTICLE IV

ELECTION AND APPOINTMENT OF OFFICERS

Section 1. Every year, the voting members of the Council AdCom shall elect a President, Vice-President, Secretary, and Treasurer at the Annual Meeting. The officers shall serve for one year. No person shall be eligible to serve more than two consecutive one-year terms for the same office.

Section 2. Officers shall be elected and appointed in accordance with the rules specified in the Council Bylaws.

Section 3. If the Office of President becomes vacant, the Vice-President shall become President for the remainder of the term assumed. If the office of Vice President, Secretary, or Treasurer becomes vacant, the voting members of the Council AdCom shall elect a new officer promptly.

ARTICLE V

POWERS, PRIVILEGES, AND DUTIES

Section 1. It shall be the duty of each representative of a Member Society to participate in matters before the Council AdCom and to keep the Administrative Committee of the Society represented informed concerning Council business. Members of any Member Society AdCom may attend any open meeting of the Council as observers.

Section 2. The duties and responsibilities of the officers and members of the Council AdCom shall be as defined hereunder and in the Bylaws, and as further delineated by the Council.

Section 3. The President shall appoint for a term concurrent with his presidency, the Editors of Council's Periodicals, the Chairperson of the Publications Committee and the Chairperson of the Meetings Committee on or before January 1st of the year in which he takes office as President. All appointments shall be made with the advice and consent of the Council AdCom. The Editors, and Chairperson appointments need not be made from among the individuals who are on the Council AdCom as Society representatives.

Section 4. The Council President, under the direction of Council AdCom, shall call all regular, annual, and special Council AdCom meetings and shall preside over them. The President shall coordinate and supervise activities of the Council and have such other powers and perform such other duties as may be provided for in the Council Constitution or Bylaws or as may be delegated to the President by vote of the Council AdCom. Included in the President's duties shall be the responsibility to see that the orders and resolutions of the Council, the IEEE Technical Activities Board, the IEEE Executive Committee, and the IEEE Board of Directors are carried out. The President shall be an ex-officio member of all standing and special committees of the Council except the Nominating Committee, and may vote at Council meetings if necessary to break a tie and during the election of officers.

The President shall also be an ex-officio member of the IEEE Technical Activities Board, and, when notified of a meeting of said Board, shall ensure representation of the Council.

Section 5. Standing committees may be established as needed. With the advice and consent of the Council AdCom, the President shall appoint committee officers (and members, if such action is not specifically delegated in the establishment action of the Council) and shall fill any vacancies that occur during the year.

Individuals appointed as committee officers or members shall serve a nominal term of one year but shall continue to serve until their successors are appointed or the committee is dissolved, except where other terms are specifically designated by the Constitution or Bylaws.

The President may appoint ad hoc committees for special assignments as needed.

Section 6. The Vice-President shall assist the President in fulfilling all assigned duties, and shall assume the duties and have the power, privileges, and responsibilities of the President during the latter's absence or incapacity.

Section 7. The Secretary shall be responsible for all reports, petitions and records concerning the Council, keeping true and faithful minutes of all meetings of the Council AdCom, and shall prepare such reports as may be required by the Council, the IEEE Technical Activities Board, or the IEEE Executive Committee. The Secretary shall send out notices when instructed to do so by the President or in accordance with requirements of the Council Constitution or Bylaws. Copies of all meeting notices, minutes of meetings, and letter or bulletins sent and received during the previous two years shall be kept by the Secretary, except for those specifically assigned to the custody of others, and the Secretary shall send current copies to IEEE Headquarters for archival storage.

In the absence or incapacity of the President and Vice-President, the Secretary shall perform the duties of the President and have all Presidential powers, privileges, and responsibilities during the absence or incapacity of the President and Vice-President.

Section 8. The Treasurer shall propose a budget for Council operation to be endorsed by Council AdCom and approved by TAB ~~Operating Committee~~ ^{omit} and shall monitor expenditures to verify that they are in accordance with the approved budget. The Treasurer shall prepare financial reports as requested by the Council President, and shall keep the Treasurers of the Member Societies informed on Council financial matters affecting their budgets. The Council Treasurer shall approve the Conference budgets after they are approved by the Meetings Committee prior to being forwarded to IEEE Headquarters for review and final approval.

The Treasurer may utilize the services of IEEE headquarters as bursar for all or part of the Council funds, as provided by the IEEE Bylaws and Statements of Policy. If any parts of the Council funds is received and deposited separately, the terms and conditions shall be in accordance with IEEE policies and subject to Council Bylaws and any other limitations imposed by the Council. Disbursements shall be made on the signature or instructions of the Treasurer. If the Treasurer is disabled or unable to serve, the President may make disbursements during his incapacity.

Section 9. The President, elected and appointed officers shall normally assume office on January 1st or as soon thereafter as practicable.

Section 10. The officially constituted officers of the Council shall have the sole authority to obligate the funds and assets of the Council to promote the Council's activities, provided that no Council officer or representative shall have authority to contract debts for, pledge the credit of, or in any way bind the IEEE for activities prohibited by the Bylaws of the IEEE, the Constitution and Bylaws of the Council, or by regulations published in the Technical Activities Manual.

Section 11. No officer of the Council, representative on Council AdCom, or Editor shall receive, directly or indirectly, any honorarium, traveling expenses, compensation, or emolument from the Council as an officer or in any other capacity unless authorized by Council AdCom or by the Bylaws of the Council in a manner in conformity with IEEE policies and procedures.

ARTICLE VI

FINANCIAL SUPPORT & EXPENDITURES

Section 1. The financial support for the Council shall be derived from subscription sales of Council Publications, any surplus from the Conferences organized or sponsored by the Council, other programs and products sponsored by the Council, and allocations of funds provided by the Member Societies.

Section 2. The Council may raise revenues by other means provided such means are consistent with applicable IEEE rules and regulations and are within the approved Council field of interest. The Council must receive an opinion from the General Manager of the IEEE that any revenue means not explicitly covered by IEEE Statements of Policy does not conflict with IEEE policy before being adopted by the Council.

Section 3. Monies held by or for the Council legally belong to the IEEE, and shall not be expended for activities prohibited by the Constitution, By-Laws and Statements of Policy of the Institute, the Constitution and By-Laws of the Council, ~~by regulations published in the IEEE Technical Activities Board Manual~~, or any other purposes known to be inimical to the interests of the IEEE. Returns from investment of Council funds shall be credited to the Council. *omit*

ARTICLE VII

COUNCIL MEETINGS

Section 1. The Council shall hold an Annual Meeting. Additional meetings of the Council, represented by its AdCom, may be held at such times as are found necessary or convenient. Meetings of the Council AdCom may be called at the discretion of the Council President or upon request by at least four AdCom members. The time, place and agenda shall be announced to all members of the Council AdCom at least twenty days in advance of the meeting, or by first-class mail to the address of record of each Council AdCom Member at least twenty-five days in advance of the meeting.

Section 2. The Annual meeting of the Council shall normally be the last AdCom meeting of the year held at a time and place designated by the President.

Section 3. One-third of the voting members of the Council AdCom, which must include representatives from at least one-third of the Member Societies, shall constitute a quorum. Written proxies will not be accepted in determining the quorum. The Chairperson of the Publications Committee, and the Chairperson of the Meetings Committee, the Secretary, and the Treasurer shall be ex-officio members of the Council with a vote on all matters except election of officers and changes to the Constitution and By-Laws. If the offices of Secretary and Treasurer are combined, there shall be one vote by the officer.

Section 4. If a regular representative from a Member Society is unable to attend a meeting of the Council AdCom, the President of the Member Society may designate an alternate by a letter of proxy, who shall have all the powers of the regular representative. Officers of the Council may not delegate their powers by proxy.

Section 5. Business of the Council may be transaction by correspondence, or other telecommunication means where in the opinion of the President matters requiring action can be adequately handled in that manner. All such business must be confirmed promptly in writing. All voting members of the Council should be informed on such interim actions, and a majority of the entire Council must be reached for ratification of the actions, if balloting is necessary, unless otherwise provided by the Constitution of By-Laws.

Section 6. If less than a quorum is in attendance at duly called meetings, tentative actions may be taken that will become effective upon subsequent ratification, either at a subsequent meeting or by mail, as specified in Section 5 above.

ARTICLE VIII
PUBLICATIONS

Section 1. All Council publication activities shall be subject to IEEE policies, and to any further guidance or controls prescribed by the Council AdCom or its duly appointed committees.

Section 2. The Council may publish appropriate Periodicals in accordance with IEEE Policies and Procedures. Selection of the published material shall be in accordance with the objectives and policies of IEEE and the Council.

Section 3. The Council President, with the advice and consent of the Council AdCom, shall appoint the Editors who shall in turn appoint associate and/or guest editors as may be required to implement the publications program.

ARTICLE IX
CONFERENCE AND TECHNICAL MEETINGS

Section 1. All Council conferences and technical meeting activities shall be subject to IEEE policies, and to any further guidance or controls prescribed by the Council or its duly-appointed committees.

Section 2. The Council shall determine the time and location of each sponsored Conference and technical meeting. Further, the council shall not be constrained by any previous agreement between the IEEE Neural Networks Committee and any local IEEE Section.

Furthermore, the Council shall not be constrained by any previous agreement renegotiated not be

ARTICLE X
RECALL

Section 1. If at any time during the year and for any reason the best interests of the Council seem to require a change in Member Society representatives or officers, the matter shall be discussed at a regular or a special meeting of the Council AdCom called for the purpose of considering and voting upon the recommended change. At least twenty days before the Council AdCom meeting, notice of such proposed action shall be given to all appropriately interested individuals, including the President and Secretary of each Member Society involved and the Chairman and Secretary of the IEEE Technical Activities Board.

The Council shall not be bound by any agreements made without IEEE's prior ratification of this Constitution.

Section 2. An affirmative vote of two-thirds of the voting members of the Council AdCom shall be necessary to declare a vacancy for cause.

For the purposes of this Section, an abstention shall be counted as a cast negative vote.

ARTICLE XI

AMENDMENTS

Section 1. Sections of this Constitution may be adopted or amended by action of the Council at a regular or special meeting if the following provisions are met:

- a. Notice of the meeting and of the proposed change(s) must be mailed by first-class mail to the last-known address of each member of the Council AdCom at least twenty-five days prior to such meeting.
- b. A two-thirds affirmative vote of the votes cast by the members of the Council AdCom is required for passage.
- c. An amendment may be approved by a mail ballot if at least a thirty-day period is provided for responses, and two-thirds of the entire Council AdCom votes affirmatively.
- d. The Amendment shall become effective immediately after ratification by the IEEE Technical Activities Board ~~and its Operating Committee.~~ *omit*

Section 2. By-Laws to this Constitution may be adopted or amended by a majority affirmative vote of the votes cast by the Council AdCom at a regular or special meeting, provided that notice of the meeting and a copy of the proposed change(s) is mailed by first-class mail to the last known address of each member of the Council AdCom at least twenty-five days prior to such meeting.

A By-Law may also be adopted or amended by a mail ballot provided that a copy of the proposed change(s) is mailed to the last known address of each member of Council AdCom, at least thirty days are allowed for a reply, and a majority of the entire Council AdCom votes affirmatively.

The new By-Law or Amendment shall be filed with the Secretary of the IEEE Technical Activities Board at least twenty days prior to the effective date.

Section 3. The Constitution, By-Laws, and Statements of Policy of the IEEE shall, at all times, take precedence over those of the Council.

Section 4. All amendments to the Constitution or By-Laws shall become effective immediately after all required approvals have been obtained, unless a later date has been specified at the time of the vote.

Constitution Adopted: _____

To Be Effective: _____

BYLAWS

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PROPOSED BYLAWS FOR THE
IEEE COUNCIL ON NEURAL NETWORKS

These By-Laws provide detailed guidance for the supervision and management of Council affairs, in accordance with the Council Constitution. Amendments or additions may be made by means of the procedures described in Article XI, Section 2, of the Constitution.

ARTICLE I

RULES OF ORDER

Section 1. In all matters not covered by the Constitution, By-Laws, and Rules, the Council shall be governed by the latest edition of Robert's Rules of Order.

ARTICLE II

MEMBER SOCIETIES

Section 1. The Member Societies of the Council shall be those formally admitted by the IEEE Technical Activities Board in accordance with the Council Constitution. A current listing of Member Societies will be maintained by the TAB Secretary at IEEE Headquarters.

Section 2. Any Member Society unwilling or unable to continue to share responsibilities as defined in the Council Constitution may resign from the Council. When a letter of resignation has been received by the Council Secretary, the resigning Society shall be dropped from the Council roll at the end of the calendar year. Any former Member Society may later rejoin, without prejudice, on the same basis as any new applicant.

ARTICLE III

NOMINATIONS, ELECTIONS, AND APPOINTMENTS

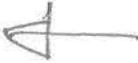
Section 1. The Nominating Committee, which is a Standing Committee of the Council, shall consist of a Chairperson and three other members. At least one shall not be a current Council member but shall belong to at least one Member Society. The officers of the Council may not serve on the Nominating Committee nor be members ex-officio.

Section 2. The Chairperson of the Nominating Committee shall consult with each candidate prior to nomination to determine willingness to serve if elected.

Section 3. The Nominating Committee shall be guided in its selections by the principles of efficiency, geographical distribution, past history, and technical interest.

Section 4. The Chairperson of the Nominating Committee shall submit the Committee Report to the Council AdCom at the beginning of its Annual Meeting, or with the approval of the Council President, by letter to all qualified voting officers and representatives on the Council AdCom prior to the Annual Meeting. From the floor of the same meeting or by letters mailed to the entire Council AdCom, the officers and representatives may make additional nominations.

Section 5. The names of any candidates of the Council who are not eligible under the Constitution or By-Laws shall be withdrawn by the President of the Council.

Section 6. Election of the officers, whenever a vacancy exists, shall be from those nominees as specified in these By-Laws, Article III, Sections 2, 3, 4, and 5. Elections shall be by secret ballot of the voting members of the Council AdCom. For the first year of operation of the Council, the officers must be elected by secret ballot directly by the Council AdCom. Nominations must be made by the voting AdCom members. 

Section 7. If any Council office becomes vacant at any time during the year, and if the vacant office cannot be filled by logical succession of an existing Council officer as described in the Constitution and By-Laws, the Council will promptly hold an election to fill the existing vacancy. As needed, elections shall be held separately for the offices of President, Vice-President in that order. To be elected, a nominee must receive a majority of the proper votes cast. If no candidate receives a majority on a ballot, the name of the candidate receiving the smallest vote shall be withdrawn and a second ballot taken. This procedure shall be repeated until one candidate receives a majority vote.

The Council AdCom may hold contingent elections to be effective if an elected officer fails to accept office, is disapproved by IEEE Headquarters because there has been some irregularity in the nominations and election procedures, or has failed to maintain IEEE membership and Society membership.

Section 8. The President of the Council shall inform each successful candidate of election and shall arrange for the transfer of responsibility. The name of each elected officer shall be reported to the Chairman and Secretary of the IEEE Technical Activities Board.

ARTICLE IV

STANDING COMMITTEES

Section 1. The Standing Committees shall include the following:

Meetings Committee
Publications Committee
Nominating Committee
Constitution and By-Laws Committee

Section 2. The Council may establish such additional Standing Committees as may be deemed desirable.

Section 3. Each Standing Committee shall have the power to create subcommittees of its own selection.

Section 4. The organization of each Conference or Technical Meeting sponsored by the Council shall include a Steering Committee and a Program Committee whose Chairperson shall be appointed by the President upon the recommendation of the Meetings Committee and with the advice and consent of the Council AdCom. The individual members of the respective committees should be appointed by the above officials. The Meetings Committee, with approval of the Council, may plan, organize and sponsor other activities held in conjunction with Conferences of other societies.

Section 5. The Publications Committee shall establish publication policy subject to annual review by the Council. It shall assist the appropriate Editors of Council Periodicals in the choice of special topics and in guiding and planning all Publications.

Editors may designate associate editors, special guest editors, and manuscript reviewers, doing so in accordance with general IEEE statements of Policy.

Editorial expenses must be in accordance with an annual budget approved by the Council. Editors may authorize publication expenses, but shall be responsible for adherence to the publication budget.

Section 6. The Nominating Committee shall be appointed by the President of the Council in accordance with the provisions of the Constitution and Article III, Section 1, of these By-Laws. It shall have the duties described in Article III, Sections 1, 2, 3, 4, of these By-Laws. The Chairperson of the Nominating Committee shall be the past president of the Council.

Section 7. The Secretary of the Council shall serve as the Chairperson of the Constitution and By-Laws Committee. Additional members may be appointed by the President upon request of the Council's AdCom.

The functions of the Constitution and By-Laws Committee will be to:

- a. Maintain up-to-date copies of the Constitution and By-Laws and make them available upon request.
- b. Ascertain that the Constitution and By-Laws are not in conflict with any requirements or rules of IEEE Headquarters.
- c. Recommend changes in the Constitution or By-Laws as necessary to conform to the development of the Council or to changes by IEEE Headquarters.
- d. The Chairperson of the Constitution and By-Laws Committee shall serve as Parliamentarian and Consultant on Procedural matters at meetings of the Council AdCom.

ARTICLE V

omit
FINANCES

Section 1. The Treasurer shall submit a proposed Council budget for the ensuing year in accordance with IEEE budget development guidelines. When approved by the Council and the TAB OpCom, this budget shall become the working budget for the following year. This approved budget will constitute authorization to the Treasurer to disburse the funds in amounts not to exceed any budgeted item.

The Treasurer shall be responsible for forwarding to IEEE Headquarters the approved budget, and Headquarters will be thereby authorized to disburse the funds in accordance with instructions from the Treasurer.

The Treasurer shall obtain a financial statement of receipts, expenditures, and balances from IEEE Headquarters at least twice yearly and shall distribute copies of this statement to all members of the Council AdCom. The treasurer shall also keep a running account of commitments to date.

Section 2. The financial support for the Council shall be derived from the income from sales of the Council Periodicals, Books and IEEE Press publications, and from its share of any surplus from the Council sponsored Conferences. The Periodicals subscription prices to members of the Council Member Societies shall be set to be no less than self-sustaining.

When a Council Periodical becomes available, then as soon as feasible after September 30th of each calendar year, the subscription list of the Council's Publications shall be tabulated by IEEE Headquarters, broken down by Council Member Societies. An individual who belongs to more than one Council Society will be counted in each for the purpose of the following calculations.

Section 3. In the event of a distribution of surplus, or payment of a deficit, each Council Member Society shall receive or pay an equal share. However, after the second year of publication of the Council Periodical, another method of distribution or payment shall prevail as explained in the following Section 4.

Section 4. In the event of a distribution of surplus, or payment of a deficit, each Council Member Society shall receive or pay a share according to the ratio of the number of its members who subscribe to the Periodicals to the total number of subscribing members in the Council. For the purpose of determining this ratio, an individual who belongs to more than one Council Member Society shall be counted in each one. Any surplus from the Council sponsored Conferences that has been distributed to the Council may be used for operating expenses, but no other assessment may be made on the Conferences.

Section 5. The Treasurer of Council sponsored Conferences is authorized to open an account in the Conference's name, to be used for the deposit and disbursement of funds related to the Conference. The Council shall be advised of the name of the bank, the anticipated size of the account, the names of the account, signatories and of arrangements for insurance and bonding, all of which must be in accordance with IEEE policies and procedures.

ARTICLE VI

COUNCIL MEETINGS

Section 1. The Secretary shall announce to the members of the Council AdCom all Chairpersons of Standing and Special Committees and appropriate guests of the time, place, and agenda of all meetings of the Council AdCom at least twenty days in advance of the meeting or by first class mail at least twenty-five days in advance of the meeting.

Section 2. A roll call shall be made at the beginning of each Council AdCom meeting. The Secretary shall record the names of those present and announce whether a quorum exists.

Section 3. The Secretary shall transmit in writing within ten days of their adoption all motions, directives, or orders of the Council to the persons affected. The Secretary shall transmit a copy of the minutes of the Council AdCom to the officers, members of the Council AdCom, Chairpersons of the Standing and Special Committees, and to the Secretary of the IEEE Technical Activities Board Operating Committee within thirty days of the meeting. As soon after January 1st as practicable, the secretary shall provide a directory listing the names and address of all of the above-mentioned people to each person named therein.

Section 4. The Chairpersons of all Standing Committees who are not voting members of AdCom shall be invited to attend all meetings of the Council AdCom as guests and advisors.

Section 5. Meetings of the Council AdCom may be cancelled only by consent of a majority of all the members of the Council not less than fourteen days before the original date or the new date set for the meeting, whichever is earlier. Notice of such cancellation or changed date shall be given all Council AdCom members by mail not less than ten days before the original or the new date, whichever is earlier.

Section 6. Meetings of the Council AdCom may be held at international or regional technical meetings or conventions of the IEEE, jointly with a Section, separately, or jointly with another society, whenever such a meeting is deemed desirable by the Council.

By-Laws adopted _____ to be effective _____

INSERT / SD

Further, the Council shall not be constrained by any previous agreement between the IEEE Neural Networks Committee and ~~any local IEEE section,~~ ~~the IEEE San Diego Section to hold subsequent~~

~~meetings in San Diego.~~ The 1990 summer meeting will be held in San Diego as scheduled, but subsequent meetings need not be held in ~~San Diego,~~ ~~and if they are held in San Diego, all~~ ~~previous agreements~~ ~~worked out with the /San Diego section,~~ ~~are null and void.~~ ~~IEEE~~

DELETE

August 22, 1989

To Bob Marks

I just talked with Tony Ephremides, and he agreed with the changes suggested by Russ Eberhardt (listed above) but he wanted to carry it further by eliminating the second sentence. He felt something about the "1990 summer meeting" should not be in the constitution. He felt the first sentence was enough. He felt that the "1990 summer meeting" could be worked out without putting it in the constitution. I suggest we go along with him because he is one of the people who will be supporting this at TAB. I hope this is okay with you. Regards.

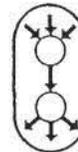
Herb

HERBERT E. RAUCH
Lockheed 92-20/254 E
3251 Hanover Street
Palo Alto, CA 94304 USA



IEEE

NEURAL NETWORKS



July 31, 1989

To Members of Neural Networks Sub-Committee on the
Proposed Council Constitution
(A. Ephremides, H. Rauch, W. Snyder)

Copies to R. Marks, T. Nagle, E. Tzanakou, R. Eberhart

Bob Marks telephoned today to say that the changes I sent previously (copy of cover letter enclosed) seemed okay, but I should include some additional material concerning arrangements with the San Diego section.

Enclosed are two sentences to be added to Article IX Section 2 (copy enclosed) on Conference and Technical Meetings. Once again, if you think these changes are enough, then we are done. If you want more changes we can work them out. Send your comments and suggestions to Bob and to me.

Regards,

A handwritten signature in cursive script that reads "Herbert E. Rauch".

Herbert E. Rauch

HERBERT E. RAUCH
Lockheed 92-20/254 E
3251 Hanover Street
Palo Alto, CA 94304 USA

(415) 424-2704

P.S. Note there is no section 3 in Article IX and note that Article X is on Recall, so the end of section 2 seems the appropriate place to put the material on the San Diego section.

DRAFT - 5-23-89

6

Section 3. One-third of the voting members of the Council AdCom, which must include representatives from at least one-third of the Member Societies, shall constitute a quorum. Written proxies will not be accepted in determining the quorum. The Chairperson of the Publications Committee, and the Chairperson of the Meetings Committee, the Secretary, and the Treasurer shall be ex-officio members of the Council with a vote on all matters except election of officers and changes to the Constitution and By-Laws. If the offices of Secretary and Treasurer are combined, there shall be one vote by the officer.

Section 4. If a regular representative from a Member Society is unable to attend a meeting of the Council AdCom, the President of the Member Society may designate an alternate by a letter of proxy, who shall have all the powers of the regular representative. Officers of the Council may not delegate their powers by proxy.

Section 5. Business of the Council may be transaction by correspondence, or other telecommunication means where in the opinion of the President matters requiring action can be adequately handled in that manner. All such business must be confirmed promptly in writing. All voting members of the Council should be informed on such interim actions, and a majority of the entire Council must be reached for ratification of the actions, if balloting is necessary, unless otherwise provided by the Constitution of By-Laws.

Section 6. If less than a quorum is in attendance at duly called meetings, tentative actions may be taken that will become effective upon subsequent ratification, either at a subsequent meeting or by mail, as specified in Section 5 above.

ARTICLE VIII

PUBLICATIONS

Section 1. All Council publication activities shall be subject to IEEE policies, and to any further guidance or controls prescribed by the Council AdCom or its duly appointed committees.

Section 2. The Council may publish appropriate Periodicals in accordance with IEEE Policies and Procedures. Selection of the published material shall be in accordance with the objectives and policies of IEEE and the Council.

Section 3. The Council President, with the advice and consent of the Council AdCom, shall appoint the Editors who shall in turn appoint associate and/or guest editors as may be required to implement the publications program.

ARTICLE IX

CONFERENCE AND TECHNICAL MEETINGS

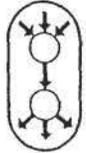
Section 1. All Council conferences and technical meeting activities shall be subject to IEEE policies, and to any further guidance or controls prescribed by the Council or its duly-appointed committees.

Section 2. The Council shall determine the time and location of each sponsored Conference and technical meeting.

INSERT SD

(INSERT/SD)

Further, the Council shall not be constrained by any previous agreement between the IEEE Neural Network Committee and the IEEE San Diego Section to hold subsequent meetings in San Diego. The 1990 summer meeting will be held in San Diego as scheduled, but subsequent meetings need not be held in San Diego, and if they are held in San Diego, all previous agreements worked out with the ^{IEEE}/San Diego section are null and void.



NEURAL NETWORKS

To Members of Neural Networks Sub-Committee on the Proposed
Council Constitution
(A. Ephremides, H. Rauch, W. Snyder)

Copies to R. Marks, T. Nagle, E. Tzanakou

Here is the "revised" version of the Council
Constitution (those pages which have been changed).
I have numbered all pages of Constitution and ByLaws
but just included those pages which have been changed.

The changes of substance follow your recommendations:

- 1 Change the Field of Interest (on page 1) so it does not conflict with societies. I have made our field of interest very specific and only one sentence long. I hope this is okay.
- 2 Make the offices of President, VP, Secretary and Treasurer elective- for a one year term. No person can serve in the same office more than two consecutive one year terms.

In addition I have made some "cosmetic changes" which are shown.

If you think these changes are enough and they are okay, then we are done. If you want more changes, we can work them out. In any case, transmit your suggestions to Bob and to me, and then we can work things out (because Bob has the proposed Council Constitution on a word processor).

Regards,


Herbert E. Rauch

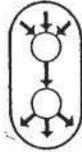
HERBERT E. RAUCH
Lockheed 92-20/254 E
3251 Hanover Street
Palo Alto, CA 94304 USA

(415) 424-2704

PREVIOUS LETTER
SENT EARLY IN JULY



IEEE



NEURAL NETWORKS

July 31, 1989

To Members of Neural Networks Sub-Committee on the
Proposed Council Constitution
(A. Ephremides, H. Rauch, W. Snyder)

Copies to R. Marks, T. Nagle, E. Tzanakou, R. Eberhart

Bob Marks telephoned today to say that the changes I sent previously (copy of cover letter enclosed) seemed okay, but I should include some additional material concerning arrangements with the San Diego section.

Enclosed are two sentences to be added to Article IX Section 2 (copy enclosed) on Conference and Technical Meetings. Once again, if you think these changes are enough, then we are done. If you want more changes we can work them out. Send your comments and suggestions to Bob and to me.

Regards,



Herbert E. Rauch

HERBERT E. RAUCH
Lockheed 92-20/254 E
3251 Hanover Street
Palo Alto, CA 94304 USA

(415) 424-2704

P.S. Note there is no section 3 in Article IX and note that Article X is on Recall, so the end of section 2 seems the appropriate place to put the material on the San Diego section.

August 21, 1989
To Bob Marks
I just talked with Russ Eberhardt and he suggested we "tone down" the words about the San Diego section- not rub it in- because we will have to work with them in summer 1990. Enclosed is his suggestion, and I go along with this if you think it is okay. You might check this with Troy Nagle.

HERB RAUCH

THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.

Robert J. Marks II Library Archive

DRAFT - 5-23-89

6

Section 3. One-third of the voting members of the Council AdCom, which must include representatives from at least one-third of the Member Societies, shall constitute a quorum. Written proxies will not be accepted in determining the quorum. The Chairperson of the Publications Committee, and the Chairperson of the Meetings Committee, the Secretary, and the Treasurer shall be ex-officio members of the Council with a vote on all matters except election of officers and changes to the Constitution and By-Laws. If the offices of Secretary and Treasurer are combined, there shall be one vote by the officer.

Section 4. If a regular representative from a Member Society is unable to attend a meeting of the Council AdCom, the President of the Member Society may designate an alternate by a letter of proxy, who shall have all the powers of the regular representative. Officers of the Council may not delegate their powers by proxy.

Section 5. Business of the Council may be transaction by correspondence, or other telecommunication means where in the opinion of the President matters requiring action can be adequately handled in that manner. All such business must be confirmed promptly in writing. All voting members of the Council should be informed on such interim actions, and a majority of the entire Council must be reached for ratification of the actions, if balloting is necessary, unless otherwise provided by the Constitution of By-Laws.

Section 6. If less than a quorum is in attendance at duly called meetings, tentative actions may be taken that will become effective upon subsequent ratification, either at a subsequent meeting or by mail, as specified in Section 5 above.

ARTICLE VIII

PUBLICATIONS

Section 1. All Council publication activities shall be subject to IEEE policies, and to any further guidance or controls prescribed by the Council AdCom or its duly appointed committees.

Section 2. The Council may publish appropriate Periodicals in accordance with IEEE Policies and Procedures. Selection of the published material shall be in accordance with the objectives and policies of IEEE and the Council.

Section 3. The Council President, with the advice and consent of the Council AdCom, shall appoint the Editors who shall in turn appoint associate and/or guest editors as may be required to implement the publications program.

ARTICLE IX

CONFERENCE AND TECHNICAL MEETINGS

Section 1. All Council conferences and technical meeting activities shall be subject to IEEE policies, and to any further guidance or controls prescribed by the Council or its duly-appointed committees.

Section 2. The Council shall determine the time and location of each sponsored Conference and technical meeting.

INSERT SD

INSERT / SD

Further, the Council shall not be constrained by any previous agreement between the IEEE Neural Network Committee and ~~the IEEE San Diego Section~~ ^{any local IEEE section,} to hold subsequent meetings in San Diego. The 1990 summer meeting will be held in San Diego as scheduled, but subsequent meetings need not be held in ~~San Diego~~ ^{any particular location,} and if they are held in San Diego, all ^{IEEE} previous agreements worked out with the ~~San Diego section~~ are null and void.

Wes

4/23/89

Russ - DeDlaris

Financial (Nomi)

Own reim

Conf.

Concern

- Double Signatures

Worried

Financial Irregularities

Pri

Nick $\frac{1}{2}$ Chair

Russ

12 people - no

bag of worms

Wes Snyder - Resigned
from Oversight Comm.

4/19/89

Rauch

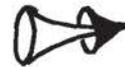
Ed Board

Posner

Michel
20 papers

Try This

Editorial = Informal
Talk in f



add it

5 6 to
 $\frac{1}{2}$ HR.

OK Assoc. Editors

Whole NNC ok Assoc
Agenda

Mid

Key thing

★ Add Associate Editors★



Herb Rauch

1. Exec. Ad. Board.

- Widrow
- Mezd
- Koh
- Amari
- Cooper
- Nielson

★ Leave Monday★

2. If we wanna meet

Mail to NNC★ Op. Comm. ⇒ Vote on NNC
- Cor

1. Agenda - Progress

2. New (Nominating)

3. Action Items

- OK Publication (Assoc. Ed).

- New 1990 meeting

4. Reports

- New Council★

-

★ operating★
"Unless I hear
otherwise"

Appt. Comm.

Revise

⇒ Operating Rules

4/14/89

Aronstein
- Hopeful
- Reserve Space
- Chairman

Work
619-224-3240
S.W. Area

IJCNN
• as per agreement

Nick DeClaris un

★ Conference

★ Bernie★

- June

- July

★ Mariott★ # 1
Sheraton # 2

Confer : Kosko - In the field
John Dougman 

Overdue : Hotel one month ago
Aronstein →

San Diego Section

- Executive Committee

Go to IEEE

4/14/89

DeClaris

- Asked

Psaltis

★ Chairman ★

no one will serve

1990 →



★ Widrow ★

Wes - Russ

Support

Oversight Comm.

Psaltis

Troy Nagle

60% of IEEE cut. can't get out of this.

Stubberud (good friend)

- Hotels Statement Page Council

Mariott gives 10% kickback

Called 2 Dozen People

Aside ⇒

Nagle

- response

Plan

Kosko away from San Diego
(will split - Progr)

Support?

Comm: { Psal - Chain
DeClaris - Co-Chain France }

Wes
Widrow - 5 votes
Kris
Aldano
Posner

ITE

3 Chairs
Tech Kosko
6 - People

Op. Chair

IJCNN

Chairman

DeClaris (Cont.)

DeClaris - Maglauphlin

★ Caulfield ★

• Jim Albalbus • ↔ Brain Robotics

() → Zadeh ←

• Rumelhardt

Posner
Hammerstrom
★ Goodman ★
Anderson

Operations Committee

- Students
- Site Visits

1990 Encyclopedia of
-Scientific America

FRANCE

→ Agreement

Bernie use INNS Attorney

1. OK →
2. Oversight Comm.
(Wes) → 5 + 1
3. Yes

4/20/89

Nick

Wes →

Troy - Budget
Best thing -

⇒ Wes resign ←

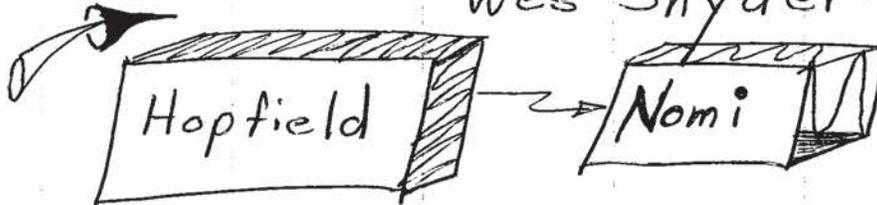
Evangelia

Throw in the towel - General Chair

1991

* Finance *

Russ Eberhardt
Wes Snyder



- Kosko involved (Program)
- Sejnowski
-

Arbils

Finance Comm: San Diego
Treasurer

Finance Comm: Jose Cruz ←

→ Voon
 * Arbils * Lloyd
 Mostafa Griffiths
 * Goodman *
 → Lee Giles
 C. Mead

USC

4/17/89

DeClaris

Psaltis - Same problem

Wants not

No Kosko

Meetings

Aronstein - difficult

Flat: San Diego will "never give up"

Discouraged

Talked to Russ



Wes

Resign

No Psaltis

idea

* themselves

Jackal



*

Uneasy:

Chair of Finance Comm => San Diego Sec

Making Push

4/10/89 Wes Snyder

1990 Conference

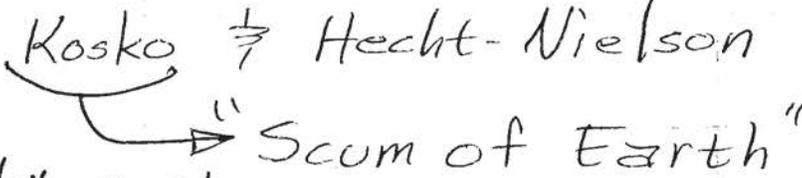
Commitment TROY NAGLE
(Verified with TROY)

Nick pushed to get out of San Diego
-but-

San Diego cannot sponsor
unless they cooperate
if local section agrees.

Troy -

Outside Kosko $\frac{1}{7}$ Hecht-Nielson


"Scum of Earth"

may work together
All in Region 10

Al m

Nomi - very capable
(

West Coast - San Diego

4/17/89

Center - What constitutes ?

Knowledge created α knowledge existing

$$C \propto K$$
$$C = \frac{dK}{dt}$$

$$\frac{dK}{dt} = \beta K \Rightarrow K = e^{\beta t}$$

"Program in Fortran"
!?!
!

\Rightarrow "MARKETING MONEY"

- Research Competition
- Review Proposals

"condescending"

"mentoring & faculty"

"positive feedback"

\hookrightarrow return release time \star

cont ed for faculty 

faculty short course
"program for faculty life-long learning"

ex: educate with MS/DOS

"UNIX is the future"

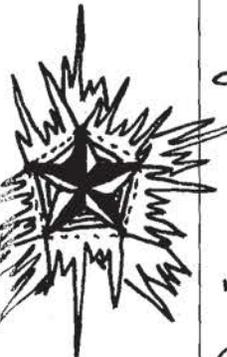
Research PROGRAM

- Major Factor in the Grad Program

like what mom said

"Respect & support others"

} M.E.S.

DoD Priority:   Comp. Architecture
Robert J. Marks II Library Archive

3/30/89

Nick DeClaris

1990

France
Formal

→ San Diego ←

2 or 3 people

{ Hecht
Kosho
Nomi

→ stuck

} agitate

June → in 1 week in one hotel

Hecht-Nilsen → Psaltis
(Seattle)

* Psaltis → Not in Seattle
(Co-Chair)

→ 1 of 3 ←

No hotel in San Diego

{ 1989 in Wash D.C.
Snyder & Stubburn → 30k
60k

Nomi
makes
balls
60k

90k for registration

Manipulate and move
Central

3/27/89

Tru Engelson
Council

COUN.
- as a
Society

Prerequisite
Trans.

Conf.
Journal

NNC → Mai

Process:

Homework

→ Council
(more ind)

→ Pres. of Council

→ On TAB

→ Participate
in TAB

36 Presidents

Solid State Cir. Council
Reluctant to form

Lobby Luke - Warm

1. Flavor → Not related

2. 13 Member → Dilute

Contrast → as a council

these Societies are

still members of the

Council. Point out

Societies still have contr

- Same Control

Recruit member societies
(A₁ motion)
TAB

Need: a defined field of interest
1. Mel Olkin → a couple
of charters of
Councils.

Dr will review with us.

2.

3. Committee of 3 or 4

Pres, Sec, Treas,
Financial

Council Charters are Tight
→

Representatives →

Participate in new emerging
technology.

History: E. Devices Society
↓
Quantum El. Comm.
(Schr. Eq's)
↓
⊙ Council (Bigger Social Circle)
↓
Society (LEDS) → BIG!

a spin off →

Arguments people have
used

To Do:

1. Have Comm. take action
to be blessed by
TAB.

- support through
representatives.

Inv Engleson
6 212-705-7890

3/22/89

Troy Nagle

Letters: Budget

Travel
- Tutorial
Session - Chairs

Extemuating Circumstance
NNC -

Package - Form letter

Troy Nagle

Sign $\frac{1}{3}$ Mail

Session Co-Chair

2 people
USSR
Hsu
Stubberud

Request
Red folder

★ Request Denied ★

Recomendation

TAB
Tutorial Control

395k
321
147
70k
73000
Hecht

Nielson

Troy Nagle

TAB

Mel Bonivisco

\$
Acct.

3/15/89

DeClaris

(Nomi Feldman)

[France
→]

Pessimistic

Aronstein

"Not successful meeting in D.C."

→ Wes Hecht-Nielsen

→ Stubbarud

Expinditure 

[France
San Diego]

2 Ways

* Tut

* Registration

Revenue

$\frac{1}{3}$

Cost

Committed

- France Good Idea

- Euro

Idea 

L
NNC Prop.
F. Aldana
Les

DARPA

NSF

NASA

for NN's Esprie



Below rep. & achievement

Formal

Understanding would get a letter
responsibilities.

Invite → will come.

Biograph

Can't be formal.

Will enclose
before look

2/21/89 DeClaris

* Les

Oversight Comm.

Agreement

Wes Snyder - Treasurer -

Rotate Chair

Chair - Elect

1989-

* DeClaris *

1990-1991

→ * Russ Eberhardt *

* Lee Giles

* Mike Arbib

* Darpa; Barbara Yoon

202-694-1303

* George Mason (NSF)

* E

[Litsa]

Issue #1

1990 → ~~French~~
(Widrow)

DeClaris
Eberhardt

1/31/89

Troy Nagle

919/737-3578

NC

Council

- Engleson

(Copie of typical bylaws etc.)...

Advice:

Beky

IJCNN '90 San Diego

Conference Chair → Does he set up?

Proposal → [Subgroup] → INNS

IJCNN - Steering Committee
* Body *

Expenses

- Stationary
- Can Treas Write Checks?
- Travel

Hecht-Nielson
Steer Comm
1990 Conf.

Acct?

→ Spend What W

[IEEE TAB
Mel Bonavisa]

NNC authorize
small expenses.

Budget
- Treasurer

* Div. Director

* Hal Sorenson *

USD

Div. 10 Director

Conf. Comm.



Aronstein
- Not in Control

Liason

301-4-6871

Anthony Ephremides

Oversight Comm. Same

2 or 3 year term

TAB 35 Soc + 1 Council

Comm → Conf. or Trans.

(Council → mem)

Engle TAB
Irv Engle
NY, NY

Who to report

→ Div 10 Dr. Tony Ephremides

Staff Dir of TAB
Member Changes
Minutes
Charter

1/31/89

Mail: Ming Liou
Anthony Michel

Associate Editor

- Yes -

TELEPHONE MEMO

Date 1-20 Time 12:51

To Marks

From Anthony Michel

Notre Dame / IEEE

Phone (219) 239-5534

Please call Will call again Returned your call

Message: X

Call received by Pat

1/27/89

Concern:

LEOS

One thing said

Finances: Surplus

More Successful → Harder

Said: NNC treasury will
make up from deficits

Item 5. ⇒ Items → Encourage
Identify Point Man

Pub Com
2 Tab
Exec. Comm.

1/27/89^{Pat} Penick ⇒ Lynn Shaw → (May first) ←

Editor: Sooner the better

Pub Board → Editor*

212-705-7550

(Huge Help!)

2/22/89

P.1

Bernie Widrow

N

Jan '1990

Chair

Summer 1990

Paris

- Scopes - Well before

Thompson in France - 1990

→ CSF Big multi billion \$

Scope

→ Bernard Enguin ^{Good} Eng.
Esprit - Common
Research

- TRW
- Boeing } all in one
- G.E.
- UT

US CSF Thompson - Full blown meeting

INNS-IEEE
Technical Comm.

Thompson risk up front.

\$10k + \$10k.

20 Americans of Distinction

Publicity: \$ 5k ea. = 15k ea

Dates: July 9th - 13th 1990

Bastille Day on 14th

IJCNN - negligible but not invisible

San Diego & Boston (6 weeks apart)

Eyeball estimate - 25 to 30% overlap.

Tenure on oversight:

June - Jan

One Chairman - IEEE, INNS

Commitments

Jan 1990 - Time Flexibility

Omnis-Shore - 5.

2 more years beyond this.

East & West

↓
Wash. D.C.

↓
San Diego

Summer 1990

Paris in July

Thompson - Good Price

IJCNN - Europe - 90

IJCNN - 90W East & West

Proposal

General Chair < Withdraw

Co Chair

Finance

Program Committee

Echmiller

3 1/2

IEEE Prepared for Thompson

1. Financial
2. Logo ←

[Commit @ End of March
Jan. 1990]

Treasurers

Joint

1 wk after

1 Feb (A
Year -

Calendar Year

2/23/89

* Larry Hamerman
Jr. Past. Chair San Diego



Nick

Concern: Time Concern
19

Chair → soon

* Pat^(rick) Simpson - San Diego Sec Rep IJCNN '90
(619) 573-2417
Interest:

5

I Mike Aronstein
BDM Labs. {San Diego Section}
4015 Hancock St
Suite 101, San Diego 92110

cmp 5325

Experienced Team
Time if.

Nick DeClaris
2/21/89

Russ

Good news

Problems → San Diego

{ D.C. ⇒ Nomi Feldman

{ D.C. ⇒ INNS ⇒ DeBerman

{ \$10 per room night
30 to 50 k

Next meeting

San Diego

Seattle → ok

Summer '90

General Chairman

30%
30%

1991 -

'89 OC

90 - OC

90 - San Diego

91

92 Nomi

May
July

INNS

FRI

20%

★ Feel IJCNN★

- ① France: 55 Against Hotels
- ② Summer '90 → Seattle

Ruth Olson

3-2300

Manag

Conf. Management

6/7/89

Nick DeClaris

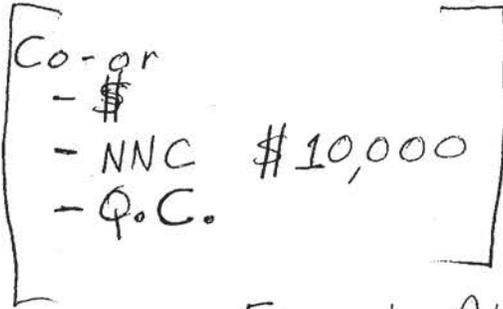
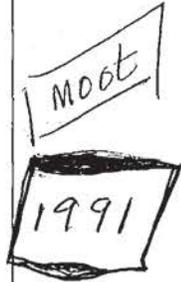
9:00^{am.} - 301-328-2060
- Just before

Turn off water to pool

Organized Participation
San Diego

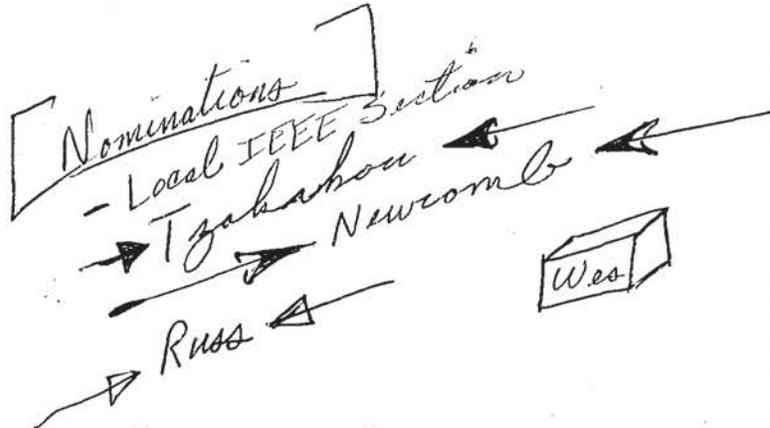
Chair

- FRANCE
Budget
IJCNN



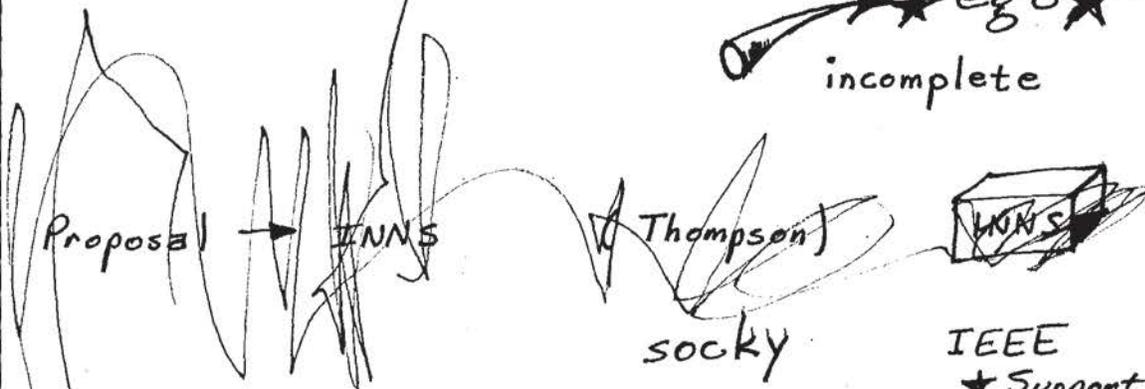
French Attaché

Retired
IEEE





\$2000



socky

IEEE
 * Support Travel
 \$10,000
 \$50,000 ← Papers Accepted
 \$10,000

1990

Laura Jobmann

Accounting

TAX by Profit

Profit reported to IRS) in US

Jeopardizes TAX Status

Good chance will hurt tax

No \$ \Rightarrow No IEEE Report

Can't pay for publication

- Order Labels (50% cost)
- Technical Program

Ad in mag. \Rightarrow

Questions Benefit

Asst. Controller @ IEEE
Ed Rosenberg

A

CJD

1/31/89

Wes Snyder
Session on NN's
Computer

★ Industrial Participation ★

★ Member List ★

TELEPHONE MEMO

Date 1-30-89 Time 9:10

To Bob Marks

From Dr. Murphy

AT&T Bell Labs, IEEE Computer Society

Phone 201-415-4629

Please call Will call again Returned your call

Message:

Rm 1G306

480 Red Hill Rd.
Middletown NJ
07748

Call received by dr.

⑨ Speaker's Bureau
Deferred

⑩ Journal
- Neural computation - Sejnowski
- New ← Go on and on
TAB

Motion: Poll our adcoms

the societies on their
reactions to publication
Withdrawn

Amend: Publications

Poll
Societies

Trans

Reprint

Tutorial

Chair

Bob Newcomb
Herb Rauch
Bob Marks
Evangeline

⑤ NNC bylaws
- Call comm.

Troy resigns, TAB
(biennially - every 2 years).

* Nominating comm.

→ Sec is pres pro-tem

[Troy
Anthony E. Ph.
Ed Posner]

Receive nominations from NNC,
if none, at June meeting
(live meeting)

Bob will conduct election.

④ ICNN '89 : Wes.

Delays in '89 cause of INNS
4000 mailed.

Connectionist networks
of trade journals

approve budget

No budget yet.

Budget to be distributed.

⑪ Will Societies provide
~~free~~ mailing list.

Not free

⑫ Next meeting

~~End of~~ Wash D.C. Conference

Best day

Wed nite, June 21st

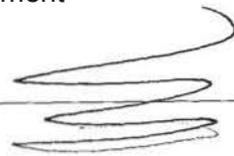
7:30 PM

after pool party

10:01 PM

—

NNC
★ 8:00 P.M.



agenda ok's

①★ al stubberud
INNS merger

No advantage
- Service
- \$
Competition
Larger management
Future or no future
2 many meetings

* too many meetings
Form a Committee
Motion: Accept as a basis of negotiation.
(items 1 thru 9) and report
accepted.

6 yes 1 no
5 member committee (June '89)

→ [Fernando
Wes
Nicholas
Posner
Krus]

② Covered

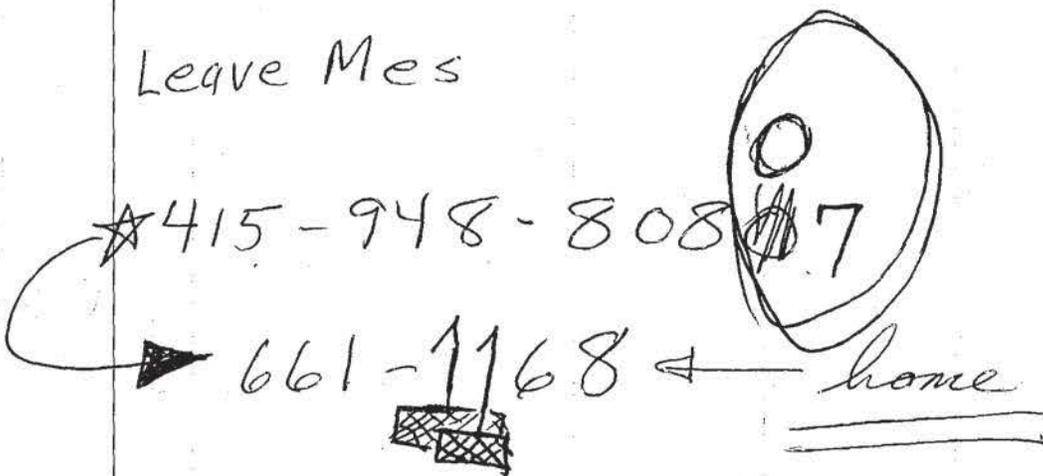
③ Minutes

④ Aronstein - Audited results by Dec.
Even then, more bills
come in.

6/19/89

Joe Goodman

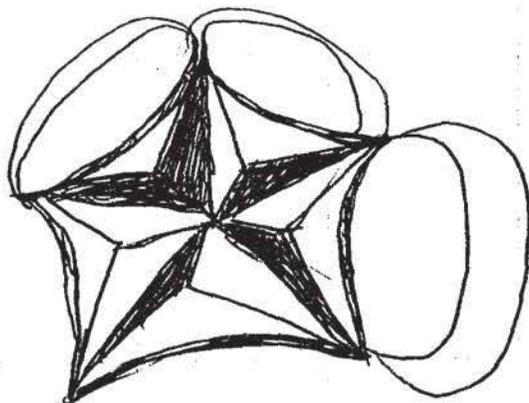
Leave Mes



Letter
★ Session Chair

→ Middle Road (NO Problem)
2 years → 50%
30K

Pat Simpson ←



Goodman

415-723-5782

★ Nomi contract ★
★ IEEE ok'd ★

Laura Jobmann

6/21/89

35k

"not unreasonable"

In future

Take commissions
off exhibits

⇒ better rate

increase exhibitors.

→ 10% on each
room

$$130 @ 10\% = 13 / \text{room/night} \\ \times 4000 = \$52,000$$

If 2500 people

⇒ Commission should
not be > \$55,000

HOTEL is OK: Review 45 days
in advance p.4 released p.4

25 Held

6/19/89

Troy, Russ, Bob Marks, Fernando, Wes, Herb, Litsa

Five member oversight

- Nomi
-

1992

Give \$ to Societies

~~Pittsburg~~ 18th TAB Op Com
19th August IEEE Xec. & Fernando only day
20-21st Board of Directors

→ Kris ←

Tokyo - Sept 4-5-6

Sept 1/7 } Fernando

[Oct 13 San Fran

→ Week of 25th ←

Licia Hurst (secretary to F. Aldana)

U 2000004 @ EMD UPM 11. EARN (F. Aldana)

Nick 6/20/89
DeClaris

- ✓ Proposals for conferences →
- ✓ Operating Procedures →
- ✓ Who ok's what → Reg. Meeting
- 5 yr conf location } NNC
- 2 yr naming prin. } approved

Point - NNC ✓
" , INNS ✓

~~Profit Motive~~

Publications
Costs
Special Issues
No quality ranking

★ Thompson ★

6/20/89 Nick, Lee, Paul, Bab

- ★ Boeing Aerospace
- ★ Microsoft \$500
- ★ IEEE Convention Rules to Everybody
- ★ Mountains →
 Vancouver
 Victoria
 Bouchat Gardens
 Bontany
 Ranier Climb ←
 Tut: Mon
 Tues

Nick
 Gone
 15 July
 4 a month

Monday → Boeing

Korean
 Taiwan

Non Western

NN's in Japan
 Overview of
 NN's in Japan

Soviet Union

NN's Around the World

6/22/89

Russ Eberhardt

Troy Nagle →	612 379 8888 RM. 426	Russ 301 953 5037	Home 301 992 4590
D.C.			

FAX from Snyder † stubborn

Thurs. A.M.

More Nick Problems

Drafted letter — financial † nonfinancial

Thurs. A.M.

Savings account

- Equitable account

22nd treasurer

Avoid conflict

No oversight committee

C.B. Med. Systems

Troy letter →

IEEE Guidelines

Nick

- Full transaction

- IEEE Signi

★ Irv. Engleson } →
on Sign Card

Mel Boniviso

Nov.

Comp. Society

⊗ Obstruction

★ Basic Problem★
- Not reporting

IEEE lawyers

24 hrs ⇒ { Nick DeClaris
Jean Mac Clausland

6/29/89

Troy Nagle

Report

- Signiture
- All finances with

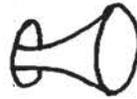
□ Arbitration

- Audit Committee
 - Board of Directors
 - DeClaris



Open books

Signiture



Mary Alice
Leland
Aug in PA.
20-21
18th - 19th

★ - Direct ⇒ Inv Engleson ←

★ Troy Nagle → Member of Board of Directors }
 → Audit Committee - No Choice -

★ Decision on What to do.

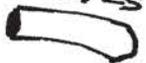
- Oversight



Aren't
★ Removal ★

- Eb
- Nagle
- Aldana
- Wes
- Tzanakou

Grants



6/30
Nick DeClaris

1. Seattle
Convene a local arrangements comm.

IEE

→ Nick ←

2. IJCNN '89
Wes & Al letter
Resp. → mine
(a) Nagle & IEEE Audit Committee
(b) Would like Russ to peruse books
(c) Engleson co signee

3. Oversight Comm.

Bob Newcomb - Chair → Withdraw
← Nom for Chair

⊗ Irv Engleson ← Nick
Copy of Nick (Final)

★ Mareen Caudil ★

6/29/89

Russ Eberhart

Refunds

* Appointed
- Yesterday

Von Nordic > 45-50 YRS
Gardner in IEEE

* Nagle - NOOSC → Feldman

Aronstein [A] e-mail [Review]

[* IEEE Internal Audit *]
|

7/7/89

TELEPHONE MEMO

Date 7/7 Time 1:05

To Marks

From Dr. DeClaris

Phone (301) 328-2060

Please call Will call again Returned your call

Message:

Mailing Lists

Seattle, 

Acting

→ Bob Newcomb ←

Call received by 

University Stores # 1033-101

Nagle - Engleson; 1963 IEEE • IR

Eberhart → Doubt of Competance

June 25th 

★ 1989 ★

June 16th 

Elected: June 18
In One Wk: " 25

IJCNN

⇒ Foot Forward ⇐

→ Concern

★ Caudill ★

Giles •

OCT 09 '89 17:01 THOMAS KAILATH

P.1/3



INFORMATION SYSTEMS LABORATORY

Department of Electrical Engineering
STANFORD UNIVERSITY Stanford, CA 94305-4055

BERNARD WIDROW
Professor of Electrical Engineering
(415) 723-4949

Date: October 9, 1989

Number of pages (including this cover sheet): 3

Please give us a call if you received the right number of pages.

TO:

Name: Prof. Bob Marks II
Company: _____
Location: _____
Phone: (206) 543-6990
Facsimile no.: (206) 543-3842

FROM:

Facsimile no.: (415) 723-8473

Name: Bernard Widrow
Company: Stanford University
Location: Information Systems Laboratory
Durand 139
Stanford, CA 94305-4055
Phone: (415) 723-4949

REMARKS: *Bob: Enclosed is an urgent request from Philip Hollywood of the Omni Shoreham Hotel, and a draft of a response that I will FAX to him. I am afraid that we will need a fast concurrence from the IEEE Societies on this contract. Do you just need a majority approval? I have already received 5 yes votes from IEEE and INNS members of the Oversight Committee.*

4

PROPOSED BYLAWS FOR THE IOC

Amendments or additions to these bylaws may be made by means of the procedures described in Article IV, Section 1, of the Constitution.

INT

ARTICLE I

RULES OF ORDER

Section 1. In all matters not covered by the Constitution, By-Laws, and Rules, the IOC shall be governed by the latest edition of Robert's Rules of Order.

ARTICLE II

IOC MEETINGS

Section 1. The Chairman shall announce to the members of the IOC all meetings of the IOC at least twenty days in advance of the meeting or by first class mail at least twenty-five days in advance of the meeting.

Section 2. The Chairman elect shall record the attendance and take minutes.

Section 3. Meetings of the IOC may be cancelled only by consent of a majority of all the members of the IOC not less than fourteen days before the original date or the new date set for the meeting, whichever is earlier. Notice of such cancellation or changed date shall be given to all IOC members by mail not less than ten days before the original or the new date, whichever is earlier.

not yet defined

ARTICLE III

IOC RESPONSIBILITIES

Section 1. The IOC shall recommend at least two IJCNN conferences each calendar year. One conference will be held in February of each year. The primary responsibility for this conference will be that of the INNS. A second IJCNN will be held in July of each year. The NNC will have responsibility for the July meeting.

per/ta

Section 2. The IOC shall act on behalf of the Societies to reserve these facilities if such reservations require no financial obligation. The IOC shall have the power to establish procedures whereby proposals from potential conference locations can be considered.

contin-
dictory

Section 3. In order to assure separation of the conference organizing committee from the IOC, the appointment of IOC members to current and future conference organizing committees is prohibited. The conference organizing committee includes the conference Chair, Program Chair, Finance Chair, Publicity Chair, Local Arrangements Chair, and, in general, all conference positions above a session Chairman. An IOC member can only serve as on the organizing committee if approved by the IOC and both Societies.





COLLEGE OF ENGINEERING
ELECTRICAL ENGINEERING DEPARTMENT

UNIVERSITY OF MARYLAND
COLLEGE PARK, MARYLAND 20742

FACSIMILE (FAX) MESSAGE

Please Deliver the Following Pages

TO:

Name: Prof. Robert J. Marks

Address: Dept. of Elect. Eng.
U. of Washington
Seattle, WA

Fax Phone No. (206) 543-3842

FROM:

Name: K. Newcomb

Subject: Minor corrections

Date FAX'd: 10/05/82

Number of Pages: 5

Sending Fax Number: (301) 454-1837

08/29/89

12:42

☎206 543 3842

U W ELEC ENGR

☑001

ACTIVITY REPORT

TRANSMISSION OK

TRANSACTION #	0384
CONNECTION TEL	8p48868p201p9811686
CONNECTION ID	G3
START TIME	08/29 12:41
USAGE TIME	01' 00
PAGES	2

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990 (office), 543-6061 (secretary),
543-2150 (main office), 776-8995 (home);
(206) 543-3842 (FAX); marks@blake.acs.washington.edu*

August 15, 1989

Laura Jobmann
IEEE Conference Services
445 Hoes Lane
P. O. Box 1331
Piscataway, NJ 08855-1331
FAX: (201) 981-1686

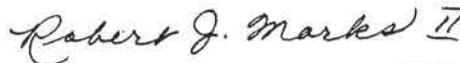
Dear Laura:

The NNC will soon be voting on the January '90 IJCNN. The dollar budget, I understand, is fine with you. I have, however, no written statement from INNS on how the publications are to be handled.

I would like to make the NNC vote contingent upon adherence to IEEE regulations. If appropriate, would you please draft a short statement concerning what needs to be done as far as IEEE is concerned? I will then make the vote contingent on what you say. Something like this needs to be in writing. Attached is the beginning of a letter from Bernie Widrow which updates things from the INNS' side.

I am assuming that with the publications issue taken care of, we have all we need to okay this budget.

Sincerely,



Robert J. Marks II, Chair
IEEE Neural Networks Committee

RJM:ew
Att.

There are two pages to this FAX transmission including this one .



BERNARD WIDROW
Professor of Electrical Engineering
(415) 723-4949

August 9, 1989

Professor Bob Marks
University of Washington
Interactive Systems Design Lab.
Seattle, WA 98195

Dear Bob:

Thank you for your recent FAX messages. I will begin by answering the questions raised in your message of 7/30/89.

- I believe that you have been given copies of the INNS budget for the January 1990 IJCNN meeting, and that a copy also went to Nick DeClaris. Your earlier comments, I recall, seemed to indicate that this budget is an adequate one. It was drawn up by the Financial Chair, Maureen Caudill. She has done IEEE budgets before and knows the IEEE rules. With regard to the conference proceedings, the best publishing deal was obtained from Lawrence Earlbaum. The price was at least \$15K better than the IEEE price. The INNS Governing Board has voted to award the contract to Earlbaum. I discussed this prospect with Laura Jobmann and she had no problem with it but referred me to Pat Penick who is in charge of IEEE intellectual property rights. Pat would be most happy if we published with IEEE but said that it is OK to go with Earlbaum as long as Earlbaum will hold the copywrite. All of this is legitimate under IEEE rules, according to Pat Penick. She understood our interests in containing costs. I think that we have met all IEEE requirements. I would appreciate a FAX from you or a phone call ASAP to let me know if, in your opinion, you think that we are OK on these matters.

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990 (office), 543-6061 (secretary),
543-2150 (main office), 776-8995 (home), 543-3842 (FAX).
marks@blake.acs.washington.edu*

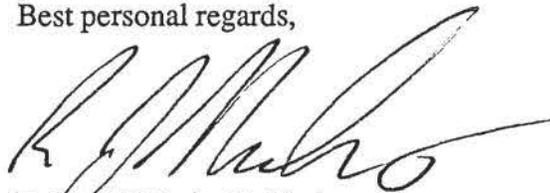
8-11-89

Dr. Mel Olken
IEEE
Technical Activities Department
345 East 47th Street
New York, NY 10017-2394

Dear Mel,

At the request of Russ Eberhart, I enclose a current list of NNC members. I hope you find it useful.

Best personal regards,



Robert J. Marks II, Chairman
IEEE Neural Networks Committee

cc: Anthony Ephremides, Division X
Evangelia Tzanakou, NNC Secretary

August 1, 1989

IEEE Neural Networks Committee Members And Member Society Presidents

Robert J. Marks II, Chairman
Evangelia Tzanakou, Secretary
Russell Eberhart, Treasurer

Acoustics, Speech and Signal Processing

Richard P. Lippmann
MIT Lincoln Laboratory
P.O. Box 73
Lexington, MA 02173
(617) 981-2711

B. H. Juang
AT&T Bell Laboratories 2d 534
600 Mountain Avenue
Murray Hill, NJ 07974
(201) 582-2002

D. M. Etter, President
EECE Department
University of New Mexico
Albuquerque, NM 87131
(505) 277-6564

Circuits and Systems

Robert J. Marks II
Interactive Systems Design Laboratory
University of Washington
Seattle, WA 98195
(206) 543-6990
marks@blake.acs.washington.edu
FAX:(206)543-3842

Anthony N. Michel
Dean, College of Engineering
Dept. of Electrical Engineering
University of Notre Dame
Notre Dame, IN 46556
(219) 239-5534

Dr. Rolf Schaumann, President
Dept. of Electrical Engineering
University of Minnesota
123 Church Street S.E.,
Minneapolis, MN 55455
(612) 625-0838

Communications

Charles M. Puckette, IV, Manager
Communications Technology and
Systems Branch
General Electric Company
P.O. Box 8
Schenectady, NY 12301

(the new appointee)

John C. McDonald, President
Contel Corporation
375 Park Avenue, Suite 2405
New York, NY 10152
(212) 758-6161

Control Systems

Herbert E. Rauch
Lockheed
Dept. 92-20, Bldg. 254E
3215 Hanover Street
Palo Alto, CA 94304
(415) 424-2704
FAX: (415) 424-3333

Bradley Dickinson
Dept. of Electrical Engineering
Princeton University
Princeton, NJ 08544
bradley@ivy.princeton.edu
(609)452-4644

Jane K. Cullum, President
33-259
IBM Research Division
T. J. Watson Research Center
P. O. Box 218, Route 134
Yorktown Heights, NY 10598
(914) 945-2227

Engineering in Medicine and Biology

Evangelia Tzanakou
Biomedical Engineering
Rutgers University
P.O. Box 909
Piscataway, NJ 08854
(201) 932-2037
etzanako@elbereth.rutgers.edu
FAX:(201)932-5313

Russell Eberhart
JHU Applied Physics Laboratory
Johns Hopkins Road
Laurel, MD 20707
(301) 953-5037
rce1%aplvm.bitnet@uwavm.acs.
washington.edu

Willis J. Tompkins, President
Electrical & Computer Engineering
University of Wisconsin
1415 Johnson Drive
Madison, WI 53706-1691
(608) 263-1581

Industrial Electronics

H. Troy Nagle
Elec. and Computer Engineering
North Carolina State University
Box 7911
Raleigh, NC 27695
(919) 737-3578
htn@ece-csc.ncsu.edu 81-3-812-2111,
FAX:(919)737-7382

Fernando Aldana
Universidad Politecnica de Madrid
Avda. Ramiro de Maeztu, s/n
Ciudad Universitaria
E-28040 Madrid - SPAIN

Fernando Aldana, President
Universidad Politecnica de Madrid
Avda. Ramiro de Maeztu, s/n
Ciudad Universitaria
E-28040 Madrid, SPAIN
34-1-234 37 09

Information Theory

Edward C. Posner
Dept. of Electrical Engineering
California Inst. of Technology
1201 California Street
Pasadena, CA 91125
(818) 356-4852

Yasser S. Abu-Mustafa
Dept. of Electrical Engineering
California Inst. of Technology
1201 California Street
Pasadena, CA 91125
(818) 356-4842

Ian F. Blake, President
Dept. of Electrical Engineering
University of Waterloo
Waterloo, Ontario, Canada N2L 3G1
(519) 885-1211 Ext. 2840

Lasers and Electro-Optics

Joseph W. Goodman
Dept. of Electrical Engineering
Stanford University
McCullough 150
Stanford, CA 94305-4055
(415) 723-3304
goodman@sierra.stanford.edu

Kristina Johnson
Dept. of EE & CS
University of Colorado
Campus Box 425
Boulder, CO 80309
(303) 492-1835
kris@boulder.colorado.edu

Melvin I. Cohen, President
AT&T Bell Laboratories
P. O. Box 900
Princeton, NJ 08540
(609) 639-2223

Robotics and Automation

Wesley E. Snyder
Elec. and Computer Engineering
North Carolina State University
Box 7911
Raleigh, NC 27695
(919) 737-2336
wes@ecelet.ncsu.edu

(Vacant)

Arthur C. Sandersón, President
Electrical, Computer & Systems Engineering
Rensselaer Polytechnic Institute
110 Eighth Street
Troy, NY 12180
(518) 276-2879

Systems, Man, and Cybernetics

Nicholas DeClaris
8518 Beauford Drive
Fulton, MD 20759
(202) 357-7692
declaris%medinfor.uucp@umbc3.umbc.edu

Don Bouldin
Dept. of Electrical & Computer Engineering
University of Tennessee
Knoxville, TN 37996-2100
(615) 974-5444
bouldin@sun1.engr.utk.edu

Arye R. Ephrath, President
Bell Communications Research, Inc.
444 Hoes Lane
Room 4D-512
Piscataway, NJ 08854
(201) 699-4129

Division 10 Director:

Anthony Ephremides
Electrical Engineering Department
University of Maryland
College Park, MD 20742
(301) 454-6871
(301) 933-5678 (home)
FAX: (301) 454-1837
tony@eneevax.umd.edu

IJCNN Oversight Committee Chair

Robert W. Newcomb
Mirosystems Laboratory
Electrical Engineering Dept.
University of Maryland
College Park, MD
FAX (301) 454-1837
301-454-6869

FAX: (301) 428-6142

IEEE NEURAL NETWORKS COMMITTEE

Robert J. Marks II, *Chairman*
INTERACTIVE SYSTEMS DESIGN LABORATORY
MAIL STOP FT-10
UNIVERSITY OF WASHINGTON, SEATTLE 98195
(206) 543-6990, FAX:(206)543-3842
marks@blake.acs.washington.edu

Herbert E. Rauch, *Editor-in-Chief*
IEEE TRANSACTIONS ON NEURAL NETWORKS
LOCKHEED, DEPT. 92-20, BLDG. 254E
3215 HANOVER STREET, PALO ALTO, CA 94304
(415) 424-2704, FAX: (415) 424-3333

Evangelia Tzanakou, *Secretary*
BIOMEDICAL ENGINEERING LAB
RUTGERS UNIVERSITY, P.O. BOX 909
PISCATAWAY, NJ 08854
(201) 932-2037, FAX:(201)932-5313
etzanako@elbereth.rutgers.edu

Russell Eberhart, *Treasurer*
JHU APPLIED PHYSICS LABORATORY
JOHNS HOPKINS ROAD, LAUREL, MD 20707
(301) 953-5037
rce1%aplvm.bitnet@uwavm.acs.washington.edu

8-9-89

Dr. Jean McClausland
Fairchild
20301 Century Blvd.
Mail Stop D-7
Germantown, MD 20874
FAX: (301) 428-6142

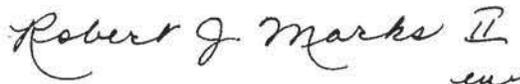
Dear Jean:

Thank you for agreeing to reimburse the *IEEE Neural Networks Committee* (NNC) its seed money prior to the required deadline of three months after the IJCNN '89 conference held in Washington D.C. The two advances were for \$16,000 and \$25,000. Checks should be made to the IEEE and sent to:

Dr. Mel Olken
IEEE
Technical Activities Department
345 East 47th Street
New York, NY 10017-2394

Dr. Olken will then deposit the money in the NNC account at IEEE.

Sincerely,



Robert J. Marks II, Chairman
IEEE Neural Networks Committee

cc: Nick DeClariss, IJCNN '89 Finance Chairman
Mel Olken, IEEE
Russ Eberhart, NNC Treasurer

THERE IS A SINGLE PAGE IN THIS FAX TRANSMISSION.
THE ORIGINAL IS BEING SENT TO YOU BY SURFACE MAIL.

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990 (office), 543-6061 (secretary),
543-2150 (main office), 776-8995 (home), 543-3842 (FAX).
marks@blake.acs.washington.edu

8-8-89

IEEE Neural Networks Committee (NNC) Appointees to the IJCNN Oversight Committee (IOC):

Kristina Johnson	(1988-90)
Edward Posner	(1988-90)
Fernando Aldana	(1988-90)
Wesley E. Snyder	(1988-91)
Robert W. Newcomb	(1989-91)
Barbara Yoon	(1990-92)
Mel Olkin	(1990-92)

Some informational update:

- ◆ I have been informed over the phone from INNS President, Bernie Widrow, that the INNS coordinated Winter 1991 IJCNN will be in Los Angeles.
- ◆ Due to his duties as NNC Treasurer, Russ Eberhart has indicated that he will not be able to serve on the IOC.
- ◆ Nick DeClaris has also chosen to step down as member & Chair of the IOC.
- ◆ Robert W. Newcomb has agreed to assume responsibility of IOC Chair. Bob is an IEEE Fellow and a former NNC member who worked with Herb Rauch, Evangelia Tzanakou and I to initiate the *IEEE Transactions on Neural Networks*. Bob is also current Chair of the *IEEE CAS Technical Committee on Neural Systems & Applications* and recently co-edited a special *IEEE CAS Transactions* on artificial neural networks. His experience in IEEE and his contribution to the field of neural networks makes him well qualified for the position. I'm delighted that he chose to accept.
- ◆ Mel Olkin at IEEE has also agreed to serve as an NNC appointed IOC member. His experience at IEEE will prove invaluable in future dialog with INNS.

The attached letter to Bob Newcomb outlines some items which need to be addressed by the IOC.

Best regards,

Robert J. Marks II
ew

Robert J. Marks II, Chair
IEEE NNC

cc: Anthony Ephremides, Division X Director
Bernie Widrow, INNS
Evangelia Tzanakou, NNC Secretary

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990 (office), 543-6061 (secretary),
543-2150 (main office), 776-8995 (home), 543-3842 (FAX).
marks@blake.acs.washington.edu*

8-7-89

Dr. Robert W. Newcomb
Microsystems Laboratory
Electrical Engineering Dept.
University of Maryland
College Park, MD 20742
FAX (301) 454-1837

Dear Bob,

Thank you for agreeing to accept my appointment of you as Chair of the IJCNN Oversight Committee (IOC) for the IJCNN's. If joint conferences are continued between the IEEE Neural Networks Committee and the INNS past the January 1990 meeting, your appointment to the Oversight Committee will be until February 1991. Your tenure as global Chair of the IOC will end in February of 1990 whereupon, if the IOC is still operational, the global Chair will be appointed by INNS. Bernie Widrow is currently the point man for the INNS on the IOC.

The following are items which need to be addressed during your tenure as Chair:

- ◆ According to the agreement between the NNC and INNS, the Oversight Committee is to review future joint conference sponsorship after the January 1990 IJCNN. This meeting should be coordinated by you. This review should consider as primary the service given to the artificial neural networks community by such joint conferences.
- ◆ Due to the circumstances discussed in my 7-30-89 letter to Bernie Widrow, the IOC must meet prior to the NIPS conference (November 27-30 in Denver). Since there are important issues to be resolved, I suggest a minimum of a working day. Any items requiring NNC approval may then be considered at the NNC meeting at NIPS. Among the items requiring consideration are establishment of a set of operating procedures more detailed than those in the original agreement. I suggest that an agenda, including a draft of these operating procedures, be distributed to the Oversight Committee members directly. Please allow ample time for NNC members to peruse any IOC recommendations prior to the NNC meeting at NIPS.

The current NNC appointees to the IOC are:

Edward C. Posner
Dept. of Electrical Engineering
California Inst. of Technology
1201 California Street
Pasadena, CA 91125

(818) 356-4852

Wesley E. Snyder
Elec. and Computer Engineering
North Carolina State University
Box 7911
Raleigh, NC 27695
wes@ecelet.ncsu.edu

(919) 737-2336

Kristina Johnson
Dept. of EE & CS
University of Colorado
Campus Box 425
Boulder, CO 80309
kris@boulder.colorado.edu

(303) 492-1835

Fernando Aldana
Universidad Politecnica de Madrid
Avda. Rarniro de Maeztu, s/n
Ciudad Universitaria
E-28040 Madrid - SPAIN

As we have discussed, Nick DeClaris has chosen to step down from his membership in the IOC. Russ Eberhart, an NNC appointee to the IOC as of February 1990, has indicated that he also chooses not to serve on the IOC due to his duties as Treasurer to the NNC. Barbara Yoon will be taking on a position on the IOC this February. Mel Olkin at IEEE has orally agreed to assume an IOC position at the same time. I will also ask him to be an *ex-officio* member of the IOC until then. The list of the appointees of the NNC and their periods of appointment are currently

Kristina Johnson	(1988-90)
Edward Posner	(1988-90)
Fernando Aldana	(1988-90)
Wesley E. Snyder	(1988-91)
Robert W. Newcomb	(1989-91)
Barbara Yoon	(1990-92)
Mel Olkin	(1990-92)

I truly look forward to working with you again.

Best personal regards,



Robert J. Marks II, Chair
IEEE Neural Networks Committee

cc: NNC Oversight Committee Members
Anthony Ephremides, Division X Director
Bernard Widrow, INNS
bc: R. C. Eberhart, NCC Treasurer

THERE ARE TWO PAGES IN THIS FAX TRANSMISSION.
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UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990 (office), 543-6061 (secretary),
543-2150 (main office), 776-8995 (home), 543-3842 (FAX).
marks@blake.acs.washington.edu*

8-7-89

Dr. Mel Olken
IEEE Headquarters
Technical Services Department
345 East 47th Street
New York, NY 10017

Dear Mel,

Thank you for agreeing to assume a membership in the IJCNN Oversight Committee (IOC). Your appointment is for a two year period beginning in February 1990.

Until then, however, I would appreciate if you served as an *ex officio* member of the IOC. Your input into the negotiations with INNS concerning possible continuation of IJCNN's will be invaluable.

Enclosed are some documents concerning this issue. I would be happy to talk with you concerning this if you so desire.

Sincerely,

Robert J. Marks II

Robert J. Marks II, Chair
IEEE Neural Networks Committee

cc: Robert W. Newcomb, IOC Chair
Evangelia Tzanakou, NNC Secretary

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990 (office), 543-6061 (secretary),
543-2150 (main office), 776-8995 (home), 543-3842 (FAX).
marks@blake.acs.washington.edu

7-30-89

Dr. Bernard Widrow, President
International Neural Networks Society
Stanford University
FAX (415) 723-8473

Dear Bernie:

There have been a number of recent issues that have surfaced in regard to the joint sponsorship of the *International Joint Conference on Neural Networks* by the IEEE *Neural Networks Committee* (NNC) and the *International Neural Networks Society* (INNS). By this letter, I hope to make clear my interpretation of these issues for the purposes of eliminating misunderstanding and setting the stage for further dialog.

- ◆ The NNC will shortly be voting on the budget for the January 1990 IJCNN. Before the NNC can approve participation in the conference, however, all IEEE requirements must be adhered to. This includes the publications issues we discussed on the phone. I understand that you have been in dialog with Laura Jobmann at IEEE in this regard. I await your response on this matter.
- ◆ The agreement between the NNC and the INNS expires after the January 1990 IJCNN. This agreement calls for a review of joint sponsorship after this meeting. You and I should decide how this review will take place. Any extension of the agreement must be approved by the membership of the NNC.
- ◆ Apparently for the valid purpose of timely booking of conference facilities, arrangements for IJCNN's through 1991 have been made. I request that no further conferences be planned nor facilities booked without the bilateral review and approval of the Oversight Committee. Any approval of the Oversight Committee, of course, is conditioned on an agreement between the NNC and INNS to continue joint sponsorship of IJCNN's beyond January 1990. As I discussed with you on the phone, I hope that the Oversight Committee can meet prior to the upcoming NIPS meeting.
- ◆ There is no written nor understood agreement between NNC and the INNS on the phasing of the IJCNN's other than the current January-June cycle. If rephasing is to occur, it must be initiated at the Oversight Committee level and be approved by the NNC.

- ◆ There is no written nor understood agreement between the NNC and the INNS in regard to the sponsorship of IJCNN's other than alternating summer & winter meetings. The proposal concerning a possible France IJCNN in 1990 was declared dead at the last NNC meeting. Although you and I later met informally concerning new developments in the matter, my understanding of the current status of the conference leaves me pessimistic about IEEE participation. I therefore request that, until the NNC approves otherwise, all references to IEEE, NNC and IJCNN be removed from subsequently printed conference literature.

The NNC has not yet been notified of the INNS appointees to the Oversight Committee. I would appreciate receiving a copy of their names and addresses.

Sincerely



Robert J. Marks II, Chair
IEEE Neural Networks Committee

cc: NNC Oversight Committee Members
Laura Jobmann, IEEE

THERE ARE TWO PAGES IN THIS FAX TRANSMISSION.
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UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990, 543-6061 or 543-2150
FAX (206) 543-3842; marks@blake.acs.washington.edu

3-2-89

Dr. Nicholas DeClaris
8518 Beauford Drive
Fulton, MD 20759

Dear Dr. DeClaris:

There are still some aspects of the IJCNN Oversight Committee (IOC) that are not yet clear. By this letter, I hope to make clear my interpretation of the responsibilities and organization of the IOC from the viewpoint of the IEEE Neural Networks Committee.

First, there will be a single global IOC Chair. The membership affiliation of the Chair will rotate yearly between the NNC and the International Neural Network Society (INNS). The fiscal year for this change will begin February first (after the winter IJCNN). This procedure was agreed upon by Dr. Widrow, INNS President, and me. You will be the first IOC Chair.

The NNC must also have a point man or woman for purposes of presenting IOC proposals to the NNC and for coordinating the NNC organized IJCNN conferences. Years in which a NNC member will Chair the IOC, this person will also serve as the IOC Chair. Any significant deviation from the INNS-NNC agreement concerning the IJCNN's must be approved by a majority vote of the NNC. This includes but is not limited to changing the dates and/or locations of the specified IJCNN's or the initiation of new IJCNN's (*i.e.* other than the yearly summer and winter conferences).

Due to the long term commitments required in major conference planning, the IOC will be making preliminary decisions for future conferences to be held when the tenure of current members will be over. The current IOC, for example, will be making decisions for both currently planned 1990 IJCNN's.

In steady state, I propose NNC membership in the IOC will be on a rotating two year basis. An IOC member, however, may serve two or more concurrent appointments. The current and future members of the NNC appointees to the IOC are:

Kristina Johnson	(1988-90)
Edward Posner	(1988-90)
Fernando Aldana	(1988-90)
Wesley E. Snyder	(1988-91)
Nicholas DeClaris	(1988-91)
Barbara Yoon	(1990-92)
Russ Eberhart	(1990-92)

An additional member for 1990-92 has yet to be identified.

Enclosed is a copy of documents concerning availability of a conference facility in San Diego for summer of 1990. An updated list of NNC members is also enclosed. If urgent, any IOC motions requiring approval of the NNC may be put to vote by a mail ballot. Dr. Evangelia Tzanakou, NNC Secretary pro tem, will solicit and tally the NNC response.

I appreciate your willingness to Chair the IOC until February 1990.

Sincerely,

A handwritten signature in black ink, appearing to read "Robert J. Marks II", with a stylized flourish at the end.

Robert J. Marks II
NNC Chairman pro tem

cc: Prof. B. Widrow, INNS President
Evangelia Tzanakou, NNC Secretary pro tem
IEEE NNC Oversight Committee Members
Mike Aronstein, San Diego Section
Nomi Feldman

AGREEMENT

The IEEE Neural Networks Committee and the International Neural Network Society

In the interest of promoting research, development, and education in the area of Neural Networks, the IEEE Neural Networks Committee (NNC) and the International Neural Network Society (INNS) agree to jointly sponsor international meetings, known hereafter as the "International Joint Conferences on Neural Networks", equally sharing the risk and the surplus of the conferences. In this spirit, a trial period of two years has been agreed upon, as covered by the following articles.

- 1) This document becomes effective January 1, 1989.
- 2) The conference shall be entitled the International Joint Conference on Neural Networks (IJCNN)
- 3) Primary responsibility for operation of each conference shall alternate between the two societies. The society with responsibility for a particular conference shall be known as the "lead society"
- 4) The lead society shall appoint the organizing committee, consisting of the general chair, program chair, and finance chair. The program and finance chairs from the previous conference shall serve on those committees. The vice chairs of the program and finance committees shall be appointed by the other society.
- 5) Both societies may organize and operate membership booths in conjunction with registration. Society publications may be sold at these booths. Registrants may join either society at the meeting and receive member discounts.
- 6) Proceedings of the joint conferences will be sold to members of either society at the member's rate. The conference committee should approach the IEEE book broker program to establish a mechanism for post-conference sales. Establishment of this mechanism shall be part of the budget planning

*R. W.
JW*

process for each conference. The lead society will be responsible for post conference sales of proceedings.

7) Copyrights to the conference proceedings will be controlled by the lead society.

8) Exhibits are encouraged as an integral part of the conferences. The conference committee will be responsible for establishing an exhibits program, in coordination with members of the vendor community.

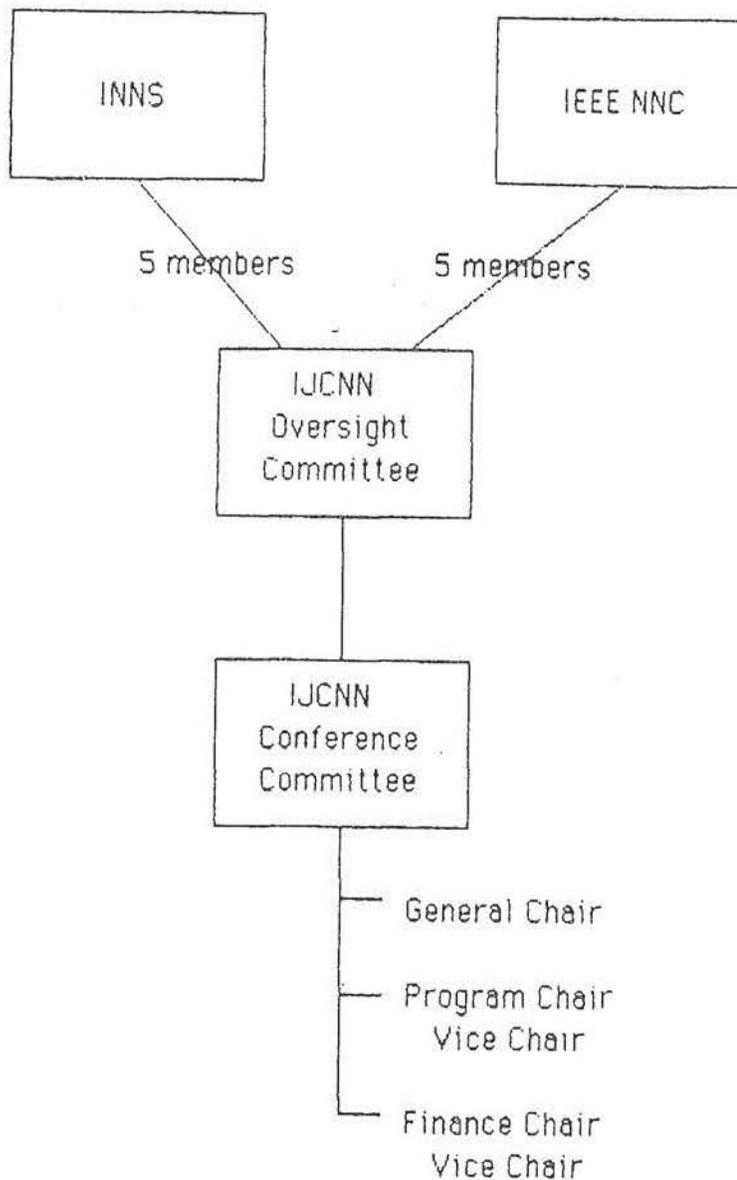
9) As a general guideline, speakers (except for tutorial speakers) are not compensated for their presentations. Plenary speakers normally have their travel expenses paid. The conference committee will set specific arrangements in accordance with the policies of both parent societies. Compensation for tutorial speakers shall be consistent with the policies of the parent societies. Session chairs are not normally compensated for their travel expenses.

10) Registration fees will be determined by the conference committee and submitted to the sponsoring societies as part of the conference budget. Significant fluctuations in fees for contiguous meetings are discouraged.

11) All expenses associated with the conference will be included in the conference budget which must be approved by both societies. It is the responsibility of the conference committee to enforce adherence to the budget.

12) There shall be an oversight committee, consisting of not more than 5 people, appointed by the IEEE NNC, and not more than 5 people appointed by the INNS Executive Committee. This IJCNN Oversight Committee shall serve to ensure adherence to this agreement and to mediate any disagreements as provided in item 14. The following diagram specifies the organizational structure:

JLH
B.W.



13) This agreement will cover the first four meetings:

- June, 1989, Washington, DC -- Lead society, IEEE
- January, 1990, Washington, DC--Lead society, INNS
- June, 1990, San Diego--Lead society, IEEE
- January, 1991, West Coast--Lead society, INNS

There will be an evaluation of the effectiveness of this agreement by the oversight committee after the January, 1990 meeting.

R.J.M.
JW

14) Disagreements within the conference committee may be mediated by the oversight committee. If the oversight committee cannot resolve the disagreement, the matter is referred to the NNC and the INNS board.

15) Either society unilaterally may withdraw from (dissolve) this agreement. In the event of dissolution, each society shall honor its previously approved budgets. In case of dissolution, the title IJCNN may not be used by either society, and both societies shall retain the use of their original conference names:

INNS Annual Meeting: INN Society
ICNN: IEEE Neural Networks Committee

Dissolution may not be affected until after the January 1990 conference. Budgets for conferences thereafter will be approved in pairs.

This document was duly discussed and jointly prepared by the IEEE NNC negotiating committee and the INNS executive committee on 29 November, 1988.

Recommended for approval by the NNC Negotiating Committee:

<u>ATC/Chris</u>	Chair	Date: <u>11/29/88</u>
<u>Jelenculotta</u>		Date: <u>11/29/88</u>
<u>He no J</u>		Date: <u>11/29/88</u>
<u>Wally E. Suf</u>		Date: <u>11/29/88</u>
<u>Edward P. Brown</u>		Date: <u>11/24/88</u>
<u>H. Tracy May Jr (observer)</u>		Date: <u>11/29/88</u>

Handwritten initials/signature: M.W. Jip

Approved by the INNS executive committee:

B. Wilson Chair

Date: 11/29/88

[Signature]

Date: 29 Nov 1988

Terry Seymour

Date: 11/29/88

Approved for the NNC by its Chair:

Robert J. Marks II

Date: 5/23/89

[Handwritten initials]

1989 IEEE ADMINISTRATIVE MEETINGS CALENDAR

August 1989

The following calendar is a chronological compilation of information received at IEEE Headquarters on forthcoming meetings. Any meetings information you would like to appear in the Administrative Meetings Calendar should be sent to Technical Activities Department, IEEE, 345 East 47th Street, New York, NY 10017 or may be faxed to (212) 752-4929, Att: Technical Activities Department.

NOTE: An asterisk next to a date indicates a new or revised listing.

<u>DATE</u>	<u>MEETING</u>	<u>LOCATION</u>	<u>CONTACT</u>
August 16	IEEE Standards RevCom	IEEE Headquarters New York, NY	Terry deCourcelle (201) 562-3807
August 16	IEEE Standards NesCom	IEEE Headquarters New York, NY	Terry deCourcelle (201) 562-3807
August 17	IEEE Standards Board	IEEE Headquarters New York, NY	Terry deCourcelle (201) 562-3807
August 18	TAB OpCom	Westin William Penn Pittsburgh, PA	Diane DeMarzo (212) 705-7451
August 19	RAB/TAB Transnational Committee	Westin William Penn Pittsburgh, PA	Barbara Ettinger (212) 705-7887
September 10	Engineering Management Society AdCom	Sheraton Hotel Toronto, Canada	Vivian Carr (201) 229-3260
September 13 (10:00 AM)	TAB Finance Committee	IEEE Headquarters New York, NY	Mel Bonaviso (212) 705-7891
September 15 (10:00 AM)	TAB Meetings Committee	IEEE Headquarters New York, NY	Melvin I. Olken (212) 705-7178
September 18	TAB Periodicals/Society Publications Committee	IEEE Headquarters New York, NY	Melvin I. Olken (212) 705-7178
September 19	Publications Board	IEEE Headquarters New York, NY	Patricia Penick (212) 705-7550
* September 24 (11:00 AM)	Components, Hybrids & Mfg. Technology Society OpCom/AdCom	San Francisco Hilton San Francisco, CA	Leo Feinstein (508) 853-5000 x397
September 26-27	Microwave Theory and Techniques Society AdCom	Marriott Marquis Atlanta, GA	Barry E. Perlman (201) 544-4024
October 2	Industry Applications Society Executive Board	Hotel del Coronado San Diego, CA	R.M. Jackson (213) 977-6417
October 3	Ultrasonics, Ferroelectrics and Frequency Control AdCom	LeGrand Hotel Montreal, Quebec, Canada	Harry L. Salvo (301) 765-4290
* October 6 (10:00 AM)	Acoustics, Speech, & Signal Processing Society AdCom	IEEE Headquarters New York, NY	Dan E. Dudgeon (617) 981-7216
October 14 (5:00 PM)	Education Society AdCom	SUNY Binghamton College Binghamton, NY	J. David Irwin (205) 844-1810
October 17 (12 Noon)	Laser and Electro-Optics Society AdCom	Orlando, FL	Joanne Acevado (201) 562-3892
October 20	Professional Communication Society AdCom	Garden City Hotel Garden City, NY	James Hill (814) 238-4311 x:2316

1990

<u>DATE</u>	<u>MEETING</u>	<u>LOCATION</u>	<u>CONTACT</u>
January 22	Reliability Society AdCom	Biltmore Hotel Los Angeles, CA	Bernhard Bang (301) 765-7340
February 2	Nuclear and Plasma Sciences Society AdCom	Vancouver, B. C. Canada	H.W. Kraner (516) 282-4237
* February 8	Power Engineering Society Executive Board	Atlanta, GA	Nancy Heitmann (201) 562-3881
March 1-2	IEEE Investment Committee	Ritz Carlton Palm Springs, CA	Michael J. Sosa (201) 562-5324
* March 1	Computer Society Executive Committee	Cathedral Hill San Francisco, CA	Sherry Stanton (202) 371-0101
* March 2	Computer Society Board of Govenors	Cathedral Hill San Francisco, CA	Sherry Stanton (202) 371-0101
* April 19	Power Engineering Society Executive Board	Baltimore, MD	Nancy Heitmann (201) 562-3881
* May 22	Control Systems Society Board of Governors	Sheraton Harbor Island Hotel Sand Diego, CA	W. S. Levine (301) 454-6841
May 22	Nuclear and Plasma Sciences Society AdCom	Oakland, CA	H.W. Kraner (516) 282-4237
* June 7	Computer Society Execuitve Committee	San Francisco, CA	Sherry Stanton (202) 371-0101
* June 8	Computer Society Board of Governors	San Francisco, CA	Sherry Stanton (202) 371-0101
June 14-15	IEEE Investment Committee	Le Chateau Frontenac Quebec, Canada	Michael J. Sosa (201) 562-5324
* July 19	Power Engineering Society Executive Board	Minneapolis, MN	Nancy Heitmann (201) 562-3881
October 26	Nuclear and Plasma Sciences Society AdCom	Crystal City, VA	H.W. Kraner (516) 282-4237
* November 1	Power Engineering Society Executive Board	Montreal, Canada	Nancy Heitmann (201) 562-3881
November 1-2	IEEE Investment Committee	The Lodge at Pebble Beach Pebble Beach, CA	Michael J. Sosa (201) 562-5324
* November 15	Computer Society Executive Committee	New York, NY	Sherry Stanton (202) 371-0101
* November 16	Computer Society Board of Governors	New York, NY	Sherry Stanton (202) 371-0101
* December 4	Control Systems Society Board of Governors	Hilton Hawaiian Village Honolulu, Hawaii	W. S. Levine (303) 454-6841

Issued: July 31, 1989

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990 (office), 543-6061 (secretary),
543-2150 (main office), 776-8995 (home), 543-3842 (FAX).
marks@blake.acs.washington.edu

8-9-89

Laura Jobmann
IEEE Conference Services
445 Hoes Lane
P.O. Box 1331
Piscataway, NJ 08855-1331
201-562-3873

Dear Laura,

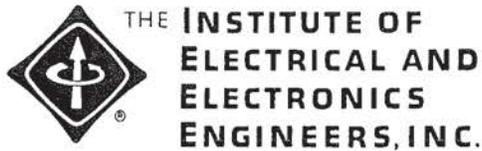
Attached are copies of audits performed by NNC Treasurer, Russ Eberhart.

Best regards,

Robert J. Marks II
ew

Robert J. Marks II, Chair
IEEE NNC

cc: Evangelia Tzanakou, NNC Secretary



July 25, 1989

To: R. J. Marks II
From: R. C. Eberhart
Subject: 1988 ICNN Financial Status

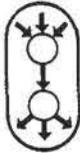
On July 18, 1989, I met with Mike Aronstein, who was the Chairman of the IEEE San Diego Section during (and after) the 1988 ICNN. Attached as Appendix A is Mike's final accounting of the funds from the conference. He gave me a check made out to the IEEE Neural Network Committee in the amount of \$28,955 at the meeting.

Attached as Appendix B are copies of the checking and savings account statements (California First Bank and Union Bank), that list all ICNN 88 transactions since the Coopers and Lybrand audit of October 11, 1988.

Based upon the information provided by Mike Aronstein, the IEEE NNC Finance Committee recommends that the books on the 1988 ICNN be considered closed, and the \$28,955 check be accepted as final payment on the conference from the San Diego Section.

R. C. Eberhart
R. C. Eberhart, Treasurer
IEEE NNC

Distribution:
BVonNordeck
GGaertner
RCEberhart
WSnyder
RMMarksII
TNagle



IEEE ANNUAL
INTERNATIONAL CONFERENCE
ON NEURAL NETWORKS
3770 Tansy Street
San Diego, CA 92121

Sponsored by the IEEE San Diego Section

1 July 1989

Dr. Troy Nagel

Dear Troy:

I have closed the books on the IEEE ICNN 1988 Conference. The conference surplus was \$157,530. Here is an accounting of the funds:

Total surplus \$157,530	
NNC	San Diego Section
<hr/>	<hr/>
\$78,765	\$78,765
- \$ 5,276 Advance 87	
- \$19,534 Transfer of proceedings funds from IEEE USA directly to NNC account	
- \$25,000 Check Nr. 1433, 2 Dec. 88 to IEEE ICNN '89 (advance)	
<hr/>	<hr/>
\$28,955 check inclosed	\$78,765 sent to S.D. Section

Thank You for your sponsorship

A handwritten signature in cursive script that reads "Michael Aronstein".

Michael Aronstein
Finance Chair IEEE ICNN 1988

CALIFORNIA
FIRST BANK

ST

MEMBER FDIC

NOV 03 1988

APPENDIX B

DIRECT INQUIRIES TO: 11015 SORRENTO VALLEY RD.
SAN DIEGO, CA 92121

STATEMENT FROM: 10/01/88
THROUGH: 10/31/88
PAGE: 1

(619)230-4080

.056 SAV
IEEE ICNN 1988
3770 TANSY ST
SAN DIEGO CA
92121

BANKING SERVICES: SAVINGS

SAVINGS ACCOUNT 0563872431

TAXPAYER IDENTIFICATION NUMBER
INTEREST PAID 3RD QUARTER
TOTAL INTEREST PAID 1988

136-11-7748
3,422.35
3,857.12

SAVINGS ACCOUNT ACTIVITY

DATE	DEBITS	CREDITS	TRANSACTION DESCRIPTION	BALANCE
10/03	10,000.00		BALANCE FORWARDED REGULAR WITHDRAWAL	179,677.51 169,677.51

CALIFORNIA
FIRST BANK



MEMBER FDIC

DIRECT INQUIRIES TO: 11015 SORRENTO VALLEY RD.
SAN DIEGO, CA 92121

STATEMENT FROM: 11/01/88
THROUGH: 11/30/88
PAGE: 1



(619)230-4080

056 SAV
IEEE ICNN 1988
3770 TANSY ST
SAN DIEGO CA
92121

BANKING SERVICES: SAVINGS

----- SAVINGS ACCOUNT 0563872431 -----

TAXPAYER IDENTIFICATION NUMBER	136-11-7748
INTEREST PAID 3RD QUARTER	3,422.35
TOTAL INTEREST PAID 1988	3,857.12

----- SAVINGS ACCOUNT ACTIVITY -----

DATE	DEBITS	CREDITS	TRANSACTION DESCRIPTION	BALANCE
11/17	30,000.00		BALANCE FORWARDED REGULAR WITHDRAWAL	169,677.51 139,677.51

PLEASE

BE REPORTED AS SOON AS POSSIBLE. SEE BACK FOR ELECTRONIC FUND TRANSFER
RESERVE MARKS LINE FOR ADDITIONAL INFORMATION.



DIRECT INQUIRIES TO: 11015 SORRENTO VALLEY RD.
SAN DIEGO, CA 92121
(619)230-4080

STATEMENT FROM: 12/01/88
THROUGH: 12/31/88
PAGE: 1

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056 SAV
IEEE ICNN 1988
3770 TANSY ST
SAN DIEGO CA
92121

BANKING SERVICES: SAVINGS

SAVINGS ACCOUNT 0563872431

TAXPAYER IDENTIFICATION NUMBER: 136-11-7748
INTEREST PAID 4TH QUARTER: 1,903.74
TOTAL INTEREST PAID 1988: 5,760.86

SAVINGS ACCOUNT ACTIVITY

DATE	DEBITS	CREDITS	TRANSACTION DESCRIPTION	BALANCE
12/05	21,000.00		BALANCE FORWARDED	139,677.5
12/09			REGULAR WITHDRAWAL	118,677.5
12/21		678.56	REGULAR DEPOSIT	119,356.1
12/31		10,340.81	REGULAR DEPOSIT	129,696.9
		1,903.74	INTEREST	131,600.6



FEB 03 1989

DIRECT INQUIRIES TO: 11015 SORRENTO VALLEY RD.
SAN DIEGO, CA 92121

STATEMENT FROM: 01/01/89
THROUGH: 01/31/89
PAGE: 1

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(619)230-4080

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IEEE ICNN 1988
3770 TANSY ST
SAN DIEGO CA
92121

BANKING SERVICES: SAVINGS

----- SAVINGS ACCOUNT 0563872431 -----

TAXPAYER IDENTIFICATION NUMBER	136-11-7748
INTEREST PAID 4TH QUARTER	1,903.74
TOTAL INTEREST PAID 1988	5,760.86

----- SAVINGS ACCOUNT ACTIVITY -----

DATE	DEBITS	CREDITS	TRANSACTION DESCRIPTION	BALANCE
			BALANCE FORWARDED	131,600.66

Union Bank MEMBER FDIC

MAR 3 1989

DIRECT INQUIRIES TO: 11015 SORRENTO VALLEY RD.
SAN DIEGO, CA 92121
619 230-4080

STATEMENT FROM: 02/01/89
THROUGH: 02/28/89
PAGE: 1
CYCLE 30

H

056
IEEE ICNN 1988
3770 TANSY ST
SAN DIEGO CA 92121-1509

0563872431

BANKING SERVICES : SAVINGS

-----SAVINGS ACCOUNT 0563872431-----

PREVIOUS BALANCE	131,600.66
INTEREST PAID THIS QUARTER (+) .....	.00
SERVICE CHARGES (=) .....	.00
NEW BALANCE	131,600.66
TAXPAYER IDENTIFICATION NUMBER	136-11-7748
TOTAL INTEREST PAID 1989 .....	.00

-----SAVINGS ACCOUNT ACTIVITY-----

DAILY BALANCE

DATE	AMOUNT	DATE	AMOUNT	DATE	AMOUNT
02/01	131,600.66				

INTEREST EARNING RATE

DATE	RATE	DATE	RATE	DATE	RATE
02/01	5.000				

Union Bank MEMBER FDIC

DIRECT INQUIRIES TO: 11015 SORRENTO VALLEY RD.
SAN DIEGO, CA 92121
619 230-4080

STATEMENT FROM 03/01/89
THROUGH 03/31/89
PAGE 1
CYCLE 30



056
IEEE ICNN 1988
3770 TANSY ST
SAN DIEGO CA 92121-1509

0563872431

BANKING SERVICES SAVINGS

-----SAVINGS ACCOUNT 0563872431-----

PREVIOUS BALANCE	131,600.66
INTEREST PAID THIS QUARTER 12/31/88 - 04/02/89 (+)	1,668.91
SERVICE CHARGES (-)	:00
NEW BALANCE	133,269.57
TAXPAYER IDENTIFICATION NUMBER	136-11-7748
TOTAL INTEREST PAID 1989	1,668.91
QUARTERLY AVERAGE BALANCE	131,600.00

-----SAVINGS ACCOUNT ACTIVITY-----

DATE	DEBITS	CREDITS	TRANSACTION DESCRIPTION
03/31		1,668.91	INTEREST PAYMENT

DAILY BALANCE

DATE	AMOUNT	DATE	AMOUNT	DATE	AMOUNT
03/31	133,269.57				

Union Bank MEMBER FDIC

DIRECT INQUIRIES TO: 11015 SORRENTO VALLEY RD.
SAN DIEGO, CA 92121
619 230-4080

STATEMENT FROM: 04/01/89
THROUGH: 04/28/89
PAGE: 1
CYCLE 30



056
IEEE ICNN 1988
3770 TANSY ST
SAN DIEGO CA 92121-1509

0563872431

BANKING SERVICES : SAVINGS

*
* WE'VE EXTENDED OUR HOURS: WE ARE NOW OPEN AT 9 A.M. WEEKDAYS.
* ON SATURDAYS WE ARE OPEN 9 A.M. TO 1 P.M. THANK YOU FOR
* BANKING WITH UNION BANK.
*

-----SAVINGS ACCOUNT 0563872431-----

PREVIOUS BALANCE 133,269.57
INTEREST PAID THIS QUARTER (+)00
SERVICE CHARGES (=)00
NEW BALANCE 133,269.57

TAXPAYER IDENTIFICATION NUMBER 136-11-7748
TOTAL INTEREST PAID 1989 1,668.91

-----SAVINGS ACCOUNT ACTIVITY-----

DAILY BALANCE

DATE	AMOUNT	DATE	AMOUNT	DATE	AMOUNT
04/03	133,269.57				

INTEREST EARNING RATE

DATE	RATE	DATE	RATE	DATE	RATE
04/03	5.000				

Union Bank MEMBER FDIC
11015 SORRENTO VALLEY RD.
SAN DIEGO, CA 92121
619 230-4080

DIRECT INQUIRIES TO:

STATEMENT FROM: 04/29/89
THROUGH: 05/31/89
PAGE: 1
CYCLE 30

5/31/89 11:59 AM

056 --
IEEE ICNN 1988
3770 TANSY ST
SAN DIEGO CA 92121-1509

0563872431

BANKING SERVICES : SAVINGS

* WE'VE EXTENDED OUR HOURS: WE ARE NOW OPEN AT 9 A.M. WEEKDAYS.
* ON SATURDAYS WE ARE OPEN 9 A.M. TO 1 P.M. THANK YOU FOR
* BANKING WITH UNION BANK.
*

-----SAVINGS ACCOUNT 0563872431-----

PREVIOUS BALANCE	133,269.57
INTEREST PAID THIS QUARTER (+) .....	.00
SERVICE CHARGES (=) .....	.00
NEW BALANCE	133,269.57
TAXPAYER IDENTIFICATION NUMBER	136-11-7748
TOTAL INTEREST PAID 1989	1,668.91

Union Bank MEMBER FDIC

DIRECT INQUIRIES TO: 11015 SORRENTO VALLEY RD.
 SAN DIEGO, CA 92121

STATEMENT FROM: 06/01/89
 THROUGH: 06/30/89
 PAGE: 1
 CYCLE 30



619 230-4080
 CLOSED ACCOUNT

C 056
 IEEE ICNN 1988
 3770 TANSY ST
 SAN DIEGO CA 92121-1509

0563872431

BANKING SERVICES : SAVINGS

 *
 * WE'VE EXTENDED OUR HOURS: WE ARE NOW OPEN AT 9 A.M. WEEKDAYS.
 * ON SATURDAYS WE ARE OPEN 9 A.M. TO 1 P.M. THANK YOU FOR
 * BANKING WITH UNION BANK.
 *

-----SAVINGS ACCOUNT 0563872431-----

PREVIOUS BALANCE 133,269.57
 1 DEBITS TOTALING (-) 134,682.63
 INTEREST PAID THIS QUARTER 04/03/89 - 06/30/89 (+) 1,413.06
 SERVICE CHARGES (-)00
 NEW BALANCE00

TAXPAYER IDENTIFICATION NUMBER 136-11-7748
 TOTAL INTEREST PAID 1989 3,081.97
 QUARTERLY AVERAGE BALANCE00

-----SAVINGS ACCOUNT ACTIVITY-----

DATE	DEBITS	CREDITS	TRANSACTION DESCRIPTION
06/19		1,413.06	INTEREST PAYMENT
06/19	134,682.63		CLOSING WITHDRAWAL 3060494

DAILY BALANCE

DATE	AMOUNT	DATE	AMOUNT	DATE	AMOUNT
06/19	.00	06/20	.00		

INTEREST EARNING RATE

DATE	RATE	DATE	RATE	DATE	RATE
06/19	5.000				



DIRECT INQUIRIES TO: 11015 SORRENTO VALLEY RD.
 SAN DIEGO, CA 92121
 619 230-4080

STATEMENT FROM: 10/01/88
 THROUGH: 10/31/88
 PAGE: 1
 CYCLE 30

056
 IEEE ICNN 1988
 3770 TANSY ST
 SAN DIEGO CA 92121

0561172917 11

BANKING SERVICES : INTEREST CHECKING

-----INTEREST CHECKING ACCOUNT 0561172917-----

PREVIOUS BALANCE 92,226.18
 4 DEPOSITS & OTHER CREDITS TOTALING (+) 10,688.27
 13 CHECKS & 2 EFT OR OTHER DEBITS TOTALING (-) 18,471.06
 INTEREST PAID THIS CYCLE 10/03/88 - 10/31/88 (+) 311.69
 MONTHLY SERVICE CHARGES (-)00
 NEW BALANCE 84,755.08

TAXPAYER IDENTIFICATION NUMBER 136-11-7748
 TOTAL INTEREST PAID 1988 867.66

-----INTEREST CHECKING ACCOUNT ACTIVITY-----

CHECK	DATE	AMOUNT	CHECK	DATE	AMOUNT	CHECK	DATE	AMOUNT
01399	10/03	120.00	01423	10/28	2,649.17	01427	10/04	235.00
01405	10/03	120.00	01424	10/04	50.00	01429	10/17	2,500.00
01406	10/04	48.50	01425	10/04	2,500.00	01430	10/19	3,000.00
01418	10/31	9,036.00	01426	10/04	3,000.00	01438	10/04	5.64
01421	10/13	706.75						

DATE	DEBITS	CREDITS	TRANSACTION DESCRIPTION	
10/03		10,000.00	TELEPHONE TRANSFER - CREDIT	1061014
10/05	2,500.00		REVERSAL OF CHECK OR OTHER DEBIT	2010993
10/05	3,000.00		REVERSAL OF CHECK OR OTHER DEBIT	2010993
10/07		15.00	DEPOSIT	1071563
10/07		20.00	DEPOSIT	1071562
10/07		653.27	DEPOSIT	1071563
10/31		311.69	INTEREST PAYMENT	

DAILY BALANCE

DATE	AMOUNT	DATE	AMOUNT	DATE	AMOUNT
10/03	101,986.18	10/07	102,335.31	10/19	96,128.56
10/04	96,147.04	10/13	101,628.56	10/28	93,479.39
10/05	101,647.04	10/17	99,128.56	10/31	84,755.08

(CONT.)

CALIFORNIA
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DIRECT INQUIRIES TO: 11015 SORRENTO VALLEY RD.
SAN DIEGO, CA 92121
619 230-4080

STATEMENT FROM: 10/01/88
THROUGH: 10/31/88
PAGE: 2
CYCLE 30

056
IEEE ICNN 1988

0561172917 11

INTEREST EARNING RATE

DATE	RATE	DATE	RATE	DATE	RATE
10/03	4.000				



DIRECT INQUIRIES TO: 11015 SORRENTO VALLEY RD.
 SAN DIEGO, CA 92121
 619 230-4080

STATEMENT FROM: 11/01/88
 THROUGH: 11/30/88
 PAGE: 1
 CYCLE 30

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 IEEE ICNN 1988
 3770 TANSY ST
 SAN DIEGO CA 92121-1509

0561172917 14

BANKING SERVICES : INTEREST CHECKING

INTEREST CHECKING ACCOUNT 0561172917

PREVIOUS BALANCE 84,755.08
 1 DEPOSITS & OTHER CREDITS TOTALING (+) 30,000.00
 14 CHECKS & 0 EFT OR OTHER DEBITS TOTALING (-) 91,813.69
 INTEREST PAID THIS CYCLE 11/01/88 - 11/30/88 (+) 191.14
 MONTHLY SERVICE CHARGES (-)00
 NEW BALANCE 23,132.53

TAXPAYER IDENTIFICATION NUMBER 136-11-7748
 TOTAL INTEREST PAID 1988 1,058.80

INTEREST CHECKING ACCOUNT ACTIVITY

CHECK	DATE	AMOUNT	CHECK	DATE	AMOUNT	CHECK	DATE	AMOUNT
01404	11/07	14.86	01412	11/04	5,540.00	01417	11/09	5,312.00
01408	11/02	5,008.00	01413	11/08	3,640.00	01422	11/09	7,660.00
01409	11/18	5,350.00	01414	11/14	6,718.00	01428	11/30	29,579.83
01410	11/25	7,934.00	01415	11/14	4,590.00	01431	11/25	223.00
01411	11/14	3,906.00	01416	11/08	6,338.00			

DATE	DEBITS	CREDITS	TRANSACTION DESCRIPTION	
11/17		30,000.00	TELEPHONE TRANSFER - CREDIT	1060302
11/30		191.14	INTEREST PAYMENT	

DAILY BALANCE

DATE	AMOUNT	DATE	AMOUNT	DATE	AMOUNT
11/01	84,755.08	11/08	64,214.22	11/18	60,678.22
11/02	79,747.08	11/09	51,242.22	11/25	52,521.22
11/04	74,207.08	11/14	36,028.22	11/30	23,132.53
11/07	74,192.22	11/17	66,028.22		

INTEREST EARNING RATE

DATE	RATE	DATE	RATE	DATE	RATE
11/01	4.000				



DIRECT INQUIRIES TO: 11015 SORRENTO VALLEY RD.
 SAN DIEGO, CA 92121
 619 230-4080

STATEMENT FROM: 12/01/88
 THROUGH: 12/30/88
 PAGE: 1
 CYCLE 30

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 IEEE ICNN 1988
 3770 TANSY ST
 SAN DIEGO CA 92121-1509

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BANKING SERVICES : INTEREST CHECKING

-----INTEREST CHECKING ACCOUNT 0561172917-----

PREVIOUS BALANCE 23,132.53
 2 DEPOSITS & OTHER CREDITS TOTALING (+) 21,940.00
 3 CHECKS & 0 EFT OR OTHER DEBITS TOTALING (-) 14,348.93
 INTEREST PAID THIS CYCLE 12/01/88 = 12/30/88 (+) 126.58
 MONTHLY SERVICE CHARGES (-)00
 NEW BALANCE 30,850.18

TAXPAYER IDENTIFICATION NUMBER 136-11-7748
 TOTAL INTEREST PAID 1988 1,185.38

-----INTEREST CHECKING ACCOUNT ACTIVITY-----

CHECK	DATE	AMOUNT	CHECK	DATE	AMOUNT	CHECK	DATE	AMOUNT
01420	12/22	9,074.00	01432	12/28	5,150.00	01434	12/19	124.93

DATE	DEBITS	CREDITS	TRANSACTION DESCRIPTION	
12/05	21,000.00		TELEPHONE TRANSFER = CREDIT	1110251
12/14	940.00		DEPOSIT	1061035
12/30	126.58		INTEREST PAYMENT	

DAILY BALANCE

DATE	AMOUNT	DATE	AMOUNT	DATE	AMOUNT
12/01	23,132.53	12/19	44,947.60	12/28	30,723.60
12/05	44,132.53	12/22	35,873.60	12/30	30,850.18
12/14	45,072.53				

INTEREST EARNING RATE

DATE	RATE	DATE	RATE	DATE	RATE
12/01	4.000				

CALIFORNIA FIRST BANK **ST** MEMBER FDIC

DIRECT INQUIRIES TO: 11015 SORRENTO VALLEY RD.
SAN DIEGO, CA 92121
619 230-4080

STATEMENT FROM: 12/31/88
THROUGH: 01/31/89
PAGE: 1
CYCLE 30

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IEEE ICNN 1988
3770 TANSY ST
SAN DIEGO CA 92121-1509

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0561172917 3

BANKING SERVICES : INTEREST CHECKING

*
* HAPPY NEW YEAR! WE'VE ENJOYED SERVING YOU OVER THE PAST YEAR.
* THANK YOU FOR BANKING WITH CALIFORNIA FIRST BANK.
*

-----INTEREST CHECKING ACCOUNT 0561172917-----

PREVIOUS BALANCE 30,850.18
3 CHECKS & 0 EFT OR OTHER DEBITS TOTALING (-) 25,135.15
INTEREST PAID THIS CYCLE 12/31/88 = 01/31/89 (+) 66.87
MONTHLY SERVICE CHARGES (-)00
NEW BALANCE 5,781.90

TAXPAYER IDENTIFICATION NUMBER 136-11-7748
TOTAL INTEREST PAID 1988 1,185.38

-----INTEREST CHECKING ACCOUNT ACTIVITY-----

CHECK	DATE	AMOUNT	CHECK	DATE	AMOUNT	CHECK	DATE	AMOUNT
01283	01/09	125.00	01433	01/17	25,000.00	01435	01/09	10.15
DATE		DEBITS	CREDITS	TRANSACTION DESCRIPTION				
01/31			66.87	INTEREST PAYMENT				

DAILY BALANCE

DATE	AMOUNT	DATE	AMOUNT	DATE	AMOUNT
01/03	30,850.18	01/17	5,715.03	01/31	5,781.90
01/09	30,715.03				

INTEREST EARNING RATE

DATE	RATE	DATE	RATE	DATE	RATE
01/03	4.000				

Union Bank MEMBER FDIC
 11015 SORRENTO VALLEY RD.
 SAN DIEGO, CA 92121
 619 230-4080

DIRECT INQUIRIES TO:

STATEMENT FROM: 02/01/89
 THROUGH: 02/28/89
 PAGE 1
 CYCLE 30

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 IEEE ICNN 1988
 3770 TANSY ST
 SAN DIEGO CA 92121-1509

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BANKING SERVICES : INTEREST CHECKING

-----INTEREST CHECKING ACCOUNT 0561172917-----

PREVIOUS BALANCE 5,781.90
 1 CHECKS & 0 EFT OR OTHER DEBITS TOTALING (-) 212.48
 INTEREST PAID THIS CYCLE 02/01/89 - 02/28/89 (+) 17.26
 MONTHLY SERVICE CHARGES (-)00
 NEW BALANCE 5,586.68

TAXPAYER IDENTIFICATION NUMBER 136-11-7748
 TOTAL INTEREST PAID 1989 84.13

-----INTEREST CHECKING ACCOUNT ACTIVITY-----

CHECK	DATE	AMOUNT	CHECK	DATE	AMOUNT	CHECK	DATE	AMOUNT
01375	02/07	212.48						

DATE	DEBITS	CREDITS	TRANSACTION DESCRIPTION
02/28		17.26	INTEREST PAYMENT

DAILY BALANCE

DATE	AMOUNT	DATE	AMOUNT	DATE	AMOUNT
02/01	5,781.90	02/07	5,569.42	02/28	5,586.68

INTEREST EARNING RATE

DATE	RATE	DATE	RATE	DATE	RATE
02/01	4.000				

Union Bank MEMBER FDIC

QUESTIONS TO 11015 SORRENTO VALLEY RD.
 SAN DIEGO, CA 92121

STATEMENT FROM 03/01/89
 THROUGH 03/31/89
 PAGE 1
 CYCLE 30

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BANKING SERVICES : INTEREST CHECKING

-----INTEREST CHECKING ACCOUNT 0561172917-----

PREVIOUS BALANCE 5,586.68
 1 CHECKS & 0 EFT OR OTHER DEBITS TOTALING (-) 190.00
 INTEREST PAID THIS CYCLE 03/01/89 - 04/02/89 (+) 20.14
 MONTHLY SERVICE CHARGES (-)00
 NEW BALANCE 5,416.82

TAXPAYER IDENTIFICATION NUMBER 136-11-7748
 TOTAL INTEREST PAID 1989 104.27

-----INTEREST CHECKING ACCOUNT ACTIVITY-----

CHECK	DATE	AMOUNT	CHECK	DATE	AMOUNT	CHECK	DATE	AMOUNT
01436	03/29	190.00						

DATE	DEBITS	CREDITS	TRANSACTION DESCRIPTION
03/31		20.14	INTEREST PAYMENT

DAILY BALANCE

DATE	AMOUNT	DATE	AMOUNT	DATE	AMOUNT
03/01	5,586.68	03/29	5,396.68	03/31	5,416.82

INTEREST EARNING RATE

DATE	RATE	DATE	RATE	DATE	RATE
03/01	4.000				

Union Bank

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DIRECT INQUIRIES TO: 11015 SORRENTO VALLEY RD.
SAN DIEGO, CA 92121

STATEMENT FROM: 04/01/89

THROUGH: 04/28/89

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CYCLE 30

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SAN DIEGO CA 92121-1509

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BANKING SERVICES : INTEREST CHECKING

WE'VE EXTENDED OUR HOURS: WE ARE NOW OPEN AT 9 A.M. WEEKDAYS.
ON SATURDAYS WE ARE OPEN 9 A.M. TO 1 P.M. THANK YOU FOR
BANKING WITH UNION BANK.

-----INTEREST CHECKING ACCOUNT 0561172917-----

PREVIOUS BALANCE 5,416.82
INTEREST PAID THIS CYCLE 04/03/89 - 04/30/89 (+) 16.65
MONTHLY SERVICE CHARGES (-)00
NEW BALANCE 5,433.47

TAXPAYER IDENTIFICATION NUMBER 136-11-7748
TOTAL INTEREST PAID 1989 120.92

-----INTEREST CHECKING ACCOUNT ACTIVITY-----

DATE	DEBITS	CREDITS	TRANSACTION DESCRIPTION
04/28		16.65	INTEREST PAYMENT

DAILY BALANCE

DATE	AMOUNT	DATE	AMOUNT	DATE	AMOUNT
04/03	5,416.82	04/28	5,433.47		

INTEREST EARNING RATE

DATE	RATE	DATE	RATE	DATE	RATE
04/03	4.000				

Union Bank MEMBER FDIC

DIRECT INQUIRIES TO: 11015 SORRENTO VALLEY RD.
SAN DIEGO, CA 92121
619 230-4080

STATEMENT FROM: 04/29/89
THROUGH: 05/31/89
PAGE: 1
CYCLE 30

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IEEE ICNN 1988
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SAN DIEGO CA 92121-1509

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BANKING SERVICES : INTEREST CHECKING

*
* WE'VE EXTENDED OUR HOURS: WE ARE NOW OPEN AT 9 A.M. WEEKDAYS.
* ON SATURDAYS WE ARE OPEN 9 A.M. TO 1 P.M. THANK YOU FOR
* BANKING WITH UNION BANK.
*

-----INTEREST CHECKING ACCOUNT 0561172917-----

PREVIOUS BALANCE 5,433.47
1 CHECKS & 0 EFT OR OTHER DEBITS TOTALING (=) 50.00
INTEREST PAID THIS CYCLE 05/01/89 - 05/31/89 (+) 18.40
MONTHLY SERVICE CHARGES (=)00
NEW BALANCE 5,401.87

TAXPAYER IDENTIFICATION NUMBER 136-11-7748
TOTAL INTEREST PAID 1989 139.32

-----INTEREST CHECKING ACCOUNT ACTIVITY-----

CHECK	DATE	AMOUNT	CHECK	DATE	AMOUNT	CHECK	DATE	AMOUNT
01437	05/15	50.00						

DATE	DEBITS	CREDITS	TRANSACTION DESCRIPTION
05/31		18.40	INTEREST PAYMENT

DAILY BALANCE

DATE	AMOUNT	DATE	AMOUNT	DATE	AMOUNT
05/01	5,433.47	05/15	5,383.47	05/31	5,401.87

INTEREST EARNING RATE

DATE	RATE	DATE	RATE	DATE	RATE
05/01	4.000				

Union Bank

MEMBER FDIC

DIRECT INQUIRIES TO: 11015 SORRENTO VALLEY RD.
SAN DIEGO, CA 92121
619 230-4080

STATEMENT FROM: 06/01/89
THROUGH: 06/30/89
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BANKING SERVICES : INTEREST CHECKING

 *
 * WE'VE EXTENDED OUR HOURS: WE ARE NOW OPEN AT 9 A.M. WEEKDAYS.
 * ON SATURDAYS WE ARE OPEN 9 A.M. TO 1 P.M. THANK YOU FOR
 * BANKING WITH UNION BANK.
 *

-----INTEREST CHECKING ACCOUNT 0561172917-----

PREVIOUS BALANCE 5,401.87
 1 DEPOSITS & OTHER CREDITS TOTALING (+) 133,269.57
 2 CHECKS & 0 EFT OR OTHER DEBITS TOTALING (-) 109,716.44
 INTEREST PAID THIS CYCLE 06/01/89 - 06/30/89 (+) 85.79
 MONTHLY SERVICE CHARGES (-) 00
 NEW BALANCE 29,040.79

TAXPAYER IDENTIFICATION NUMBER 136-11-7748
 TOTAL INTEREST PAID 1989 225.11

-----INTEREST CHECKING ACCOUNT ACTIVITY-----

CHECK	DATE	AMOUNT	CHECK	DATE	AMOUNT	CHECK	DATE	AMOUNT
01477	06/16	78,766.44	01477	06/16	30,950.00			
DATE	DEBITS	CREDITS	TRANSACTION	DESCRIPTION				
06/14		133,269.57	DEPOSIT					3040238
06/30		85.79	INTEREST	PAYMENT				

DAILY BALANCE

DATE	AMOUNT	DATE	AMOUNT	DATE	AMOUNT
06/01	5,401.87	06/16	28,955.00	06/30	29,040.79
06/14	138,671.44				

INTEREST EARNING RATE

DATE	RATE	DATE	RATE	DATE	RATE
06/01	4.000				



July 26, 1989

To: R. J. Marks II
From: R. C. Eberhart
Subject: IJCNN 1989 Finances

Attached as Appendix A is a 1989 IJCNN Conference Operating Budget prepared by Nick De Claris, Finance Chairman of the Conference. The total amount reflected in the budget is about \$418K. Upon review of the budget, it appears that two significant items do not appear in it. One is the cost of the Tutorial Presenters (\$66K); the other the reimbursement of travel expenses for Session Chairpeople and Conference Committee (\$30K maximum). With these two additions, the total budget appears to be about \$514K.

Attached as Appendix B is the Conference Budget approved by IEEE Headquarters shortly before the conference. The expense budget, when the \$40K advance to the 1990 conference is removed, is about \$547K (\$132.5K tutorials, \$414.7K remainder of conference).

On July 18, 1989, I reviewed conference expenditures in some detail with Nomi Feldman of Meeting Management in San Diego. A summary of all expenses known as of July 18, 1989 is summarized below by category corresponding to the Appendix A budget prepared by De Claris:

<u>Category</u>	<u>Total Expenses</u>
I	\$32,560
II	18,271
III	10,816
IV	49,273
V	57,500
VI	119,345 (includes \$66K for presenters)
VII	4,800
VIII	90,662
IX	15,090
X	21,700
XI	300
	30,000 (Maximum estimate of travel expenses)

TOTAL EXPENSES	\$450,317

There were only a few items for which actual cost figures were not yet available. Since the conference, on the whole, is under budget, we assumed that the unknown items would come in at the budgeted

amount. The unknown items were V.g. Security (\$1.5K), V.h. Local Arrangement (\$2K), and X.b. Committee Expenses At Conference (\$20.6K). These items are included in the \$450K total at the budgeted amount. Nomi and I believe that the total expense figure should be accurate to within about \$10K, although there may be a few last minute invoices received.

Attached as Appendix C is a summary of total income for the conference except for exhibit income. Appendix D lists all exhibit income as of July 17, 1989. These two income figures, \$565K and \$45K respectively, produce a total estimated income of about \$610K.

It should be noted that the 1988 ICNN made three cash advances to the 1989 conference: \$5,276, \$16,000 and \$25,000. This total of \$46,276 is not reflected above, either in income or expenses. To be more complete, then, the total income of the 1989 conference should be listed as about \$656K, and the total expenses as about \$496K.

After reviewing the items with Nomi Feldman, I met with Maureen Caudill, the Finance Chairman for the January, 1990, IJCNN, for which the INNS has the lead. She reviewed the figures, line item by line item, and compared them with the expense figures from the 1987 INNC and with the budget for January, 1990. She concluded that the expense figures looked complete; she couldn't think of any major expense categories that weren't accounted for.

It is therefore the opinion of the NNC Finance Committee, upon review of all available data, that the conference should show a surplus of approximately \$150K-\$160K.

Additionally, according to the conference records kept by Nomi Feldman, there is about \$10K in outstanding receivables for the 1989 conference at this time. The surplus could therefore be a few thousand dollars higher than the estimated amount because of these as yet uncollected funds.

The total amount of the three advances by the 1988 ICNN, \$46,276, should be returned immediately by the 1989 Finance Chairman via a check made out to the IEEE Neural Network Committee. The check should be sent either to Mel Olken at IEEE Headquarters, or to me. The money will go into established IEEE NNC accounts at Headquarters in accordance with IEEE NNC budgets.

As you know, any surplus amount from the 1989 IJCNN is to be divided 50-50 with the INNS. Since the conference proceeds are the lifeblood of the INNS, it is urgent to get their share to them as soon as feasible. The first IEEE financial report of the 1989 IJCNN is due three months after the event, on September 22, 1989. The NNC Finance Committee recommends that the INNS be paid their share, keeping perhaps \$10K in reserve, at that time.

Respectfully submitted,



R. C. Eberhart, Treasurer
IEEE NNC

Distribution:

WVonNordeck

GGaertner

RCEberhart

WSnyder

RJMarksII

TNagle

Conference Operating Budget

Date: 5/16/89

Categories	Operating (m.d.)		Actual (c.d.)		Delta Cost	Comments
	\$	Date	\$	Date		
I. Promotion						
a. Call for Papers						Completed
1. Mailing List	229.50		14.00	1/10/89	215.50	Invoice #3
2. Printing	1,880.70		1,919.26	1/10/89	-38.56	Invoice #3,#25
3. Postage and mail house	2,950.00		2,950.00	1/10/89	0	Invoice #3,#15ob
b. First Announcement				1/31/89		
1. Mailing Lists	5,000.00	1/15/89	5016.91	1/26/89	-16.91	Invoice #4
2. Printing	11,000.00		7079		3921	Invoice #4, #2, #10
3. Postage	10,200.00	1/27/89	9571.04		628.96	Invoice #4,#2,#10,#15ob
4. Mail Services	1,500.00		1387.58		112.42	Invoice #4, #2, #10
c. Second Announcement		3/15/89				
1. Mailing Lists	800.00		450.50	3/29/89	349.50	Invoice #11
2. Printing	6,000.00		1860.46		4139.54	Invoice #6
3. Postage	4,500.00	3/10/89			4500	
4. Mail Services	900.00				900	
d. Ads (Under the control of the promotion chairman)	8,000.00 2541	1/30/89	2541	1/30/89	5459	Invoice #19,#21
II. Administration: Communication and Correspondance						
a. Printing	1,200.00	2/15/89	659.65		540.35	Invoice #9,#20,#18,#27
1. Letterhead and Envelopes	1300					
2. Confirmations (Letter and Information)						
b. Postage						
1. Confirmations and mailing brochures	1,300.00 1130				1300	

32,560

18271

1361
 1130
 3780
 12000
 18271

APPENDIX A

1989 IEEE Neural Networks Council Document
Robert J. Marks II Library Archive

Conference Operating Budget

Date: 5/16/89

Categories	Operating (m.d.)		Actual (c.d.)		Delta Cost	Comments
	\$	Date	\$	Date		
c. Telephone						
1. Meeting (Control: Nomi)	500.00				500	
2. Committee (Control: Conference Chairman)	3,000.00	2780 3780			3000	
d. Managment Contract	4,000.00	4000			4000	
e. Audit	5,000.00	5000			5000	
f. Finance Management	3,000.00	3,000.00			3000	J. McCausland
III. Proceeding Preparation				4/1/89		
a. Proceeding Papers						
1. Authors (forms)	3,000.00		733.61	1/10/89	2266.39	Invoice #3, #1
2. Mailing author kits	2,700.00	1/15/89	5246.93		-2546.93	Invoice #5, #3, #15
3. Confirmation to authors	250.00	2/10/89			250	
4. Mailing papers to reviewers (Fed-Ex)	1,000.00	2/3/89			1000	
5. Telephone (reviewers/authors)	300.00				300	
6. Temp - process papers (labor)	800.00	2/10/89	980	4/3/89	-180	Invoice #16
IV. Proceedings Printing (Control: Publication Committee)						
a. Program Preparation						
1. Preparation by Nomi	500.00	2/15/89			500	
2. Typeset and Printing	2,500.00	5/15/89			2500	2,573
b. Printing of Proceedings	56,000.00	6/30/89	23000		33000	#20A <u>46,700</u> 49,273

49,273
2573
10,816

Conference Operating Budget

Date: 5/16/89

Categories	Operating (m.d.)		Actual (c.d.)		Delta Cost	Comments
	\$	Date	\$	Date		
V. Meeting Expenses						
a. Registration Packet (w/o proceedings)						
1. Registration supplies (name badges, ribbons, packet/envelope, pens)	2,000.00	5/15/89	2000		0	Invoice #26
2. Tote bags ✓	12,000.00	6/1/89	4100		7900	#32 \$8,200
3. Tickets for social events, proceedings, announcements/changes	2,000.00	5/30/89	2000	5/15/89	0	Invoice #26
4. Final Program ✓	13,000.00	5/30/89		5/1/89	13000	7020 + typosetting 2,000
b. AV equipment and technicians	11,000.00	6/30/89			11000	4304.63 + 9631.79
c. Staff						
1. Last month temps	6,600.00	6/9/89			6600	
2. Registration on site ✓	12,100.00	6/19/89			12100	6956 + 3089 + 1383
d. Signs	2,000.00	6/1/89			2000	
e. Freight to Washington	2,400.00		2400		0	Invoice #26
f. Rental Equipment (Typewriter)	500.00				500	
(g) Security	1,500.00				1500	
(h) Local Arrangement	2,000.00				2000	
i. Boards (Rental)	2,250.00				2250	1040.00
j. Supplies (pins, markers, etc)	500.00		500		0	Invoice #26
k. Printing (Schedule, locations, numbers)	200.00		200		0	Invoice #26

5-4-89
 security
 + local arr

ear 2-5

Conference Operating Budget

Date: 5/16/89

Categories	Operating (m.d.)		Actual (c.d.)		Delta Cost	Comments
	\$	Date	\$	Date		
VI. Hospitality						
a. Coffee Breaks	36,000.00				36000	32,193.18
b. Welcome Reception	30,000.00				30000	10,423.80
c. Wednesday Party	80,000.00				80000	76,727.72
VII. Miscellaneous						
a. Petty Cash	1,200.00*				1200	
b. Contingency Fund	3,600.00*	684	3000	2/3/89	600	Invoice #15
VIII. Tutorial Management						
a. Printing books	12,000.00				12000	10,600
b. AV	3,050.00				3050	2990.70
c. Tutorial - preparations	2,000.00	1775			2000	
d. Signs	1,000.00	504			1000	
e. Supplies; printing floor plan	600.00				600	
f. Miscellaneous \$2000.00 Kover	350.00				350	
g. Coffee 2499.84						
h. Postage						

119,345

90,662

6312
5825
3500 min
Cooper

presenters 66249
video tape 4000

Conference Operating Budget

Date: 5/16/89

Categories	Operating (m.d.)		Actual (c.d.)		Delta Cost	Comments
	\$	Date	\$	Date		
IX. Exhibits Management						
a. Printing Exhibit Guide	3,500.00		152.31		3347.69	Invoice #8 2025
b. Decorator	3,500.00				3500	6864.73
c. Hotel Charge	6,000.00				6000	5390.80 + 542.60
d. Security	4,000.00				4000	3500
e. Printing announcements and marketing	1,000.00				1000	267
X. Committee Expenses						
a. Intermediate	1,000.00	2/15/89	400		600	#26A
b. At Conference	20,550.00				20550	
XI. Insurance and Bonding	300.00				300	
Total	417,710.20		78,162.25		339,547.95	

15251

Travel Expenses
 385,500
 22
 07

\$4K - Bonomo 954.10
 Haines 1,090.40
 Room Charge 1722.00
 Room Tax 172.20
 Occ. Tax 14.00

APPENDIX B

INCOME

REGISTRATION FEES	Quantity	Fee	Total
one day member	26	\$88.00	\$2288.00
student member	120	\$50.00	\$6000.00
student nonmember	74	\$75.00	\$5550.00
one day nonmember	35	\$110.00	\$3850.00
member early advance	200	\$152.00	\$30400.00
nonmember early advance	185	\$190.00	\$35150.00
member advance	470	\$192.00	\$90240.00
Misc.	0	0	\$0.00
nonmember advance	190	\$240.00	\$45600.00
member at conf	400	\$224.00	\$89600.00
nonmember at conf	300	\$280.00	\$84000.00
freebees	0	\$0.00	\$0.00
Total registrants	2000	Subtotal	\$392678.00
CONFERENCE PUB SALES			
To members	200	\$75.00	\$15000.00
To nonmembers	50	\$130.00	\$7500.00
To IEEE	50	\$40.00	\$2000.00
Total copies	250	Subtotal	\$24500.00
	\$00		
EXHIBITS			
Booths	50	\$900.00	\$45000.00
OTHER			
Interest			\$900.00
Page charges			\$1300.00
Advance from icnn88			\$40000.00
Subtotal			\$42200.00
TOTAL INCOME			\$504378.00

RECEIVED

MAY 22 1989

CONFERENCE SERVICES
 DEPARTMENT

EXPENSES

PROMOTION	Budget
Printing/call for papers	\$1700.00
Printing/advance program	\$24000.00
Mics.	\$0.00
Printing/final program	\$13000.00
Mailing lists/labels	\$6400.00
Postage and mailing	\$14000.00
Other (Ads)	\$8000.00
Attendee packet	\$12000.00
TOTAL	\$79100.00

CONFERENCE PUBLICATION	
Conference record printing	\$70000.00
Author kit printing	\$3000.00
Shipping	\$0.00
Other	\$8000.00
TOTAL	\$81000.00

EXHIBITS	\$12000.00
----------	------------

RECEIVED

MAY 22 1989

CONFERENCE SERVICES
DEPARTMENT

SOCIAL FUNCTIONS

(see attachment 1)

\$170000.00

ADMINISTRATION

Insurance and bonding

\$500.00

\$500.00

Security and guards

\$4000.00

Projection equip

\$8000.00

Management and secretarial

\$16000.00

Office equipment

\$1500.00

Printing forms, etc.

\$5000.00

Posters, signs, etc.

\$3000.00

Telephone, etc.

\$3000.00

Seed money to 90 conf

\$40000.00

Auditing

\$5000.00

Clerical and Finance

\$3000.00

Local arrangements

\$2000.00

TOTAL

\$91000.00

91,500

Committee Expenses

(See attachment 2)

\$21550.00

TOTAL EXPENSES

\$454650.00

TOTAL REVENUE

\$504373.00

CONFERENCE PROFIT

\$49728.00

49,228.00

RECEIVED

MAY 22 1989

CONFERENCE SERVICES
DEPARTMENT

Dec 16, 1988
 ATTACHMENT 1
 SOCIAL FUNCTIONS (for 2000)

Reception	\$40000.00
Dinner	\$90000.00
Coffee breaks	\$40000.00
TOTAL	\$170000.00

Dec 15, 1988
 TUTORIALS

INCOME			
Registration	1600	120	\$180000.00

ATTACHMENT 2
 COMMITTEE EXPENSES

Amerl travel	\$3600.00
Eckmiller travel	\$2800.00
Stubberud	\$3600.00
Snyder	<u>\$4600.00</u>
Hecht-Nielsen	\$1500.00
Glaser	\$1150.00
Hopfield	\$1150.00
Sejnowski	\$1150.00
DeClaris	<u>\$1800.00</u>
Werbos	\$200.00
TOTAL	\$21550.00

EXPENSES

Speaker fees	13	6000	\$78000.00
Fees for large classes			\$20000.00
Video taping(to EAB)			\$4000.00
Audio-visual			\$2500.00
Other (signs,etc)			\$6000.00
Printing			\$10000.00
Tutorial committee			\$2000.00
Refreshments			\$10000.00
TOTAL			\$132600.00

TUTORIALS PROFIT \$47500.00

RECEIVED
 MAY 22 1989
 CONFERENCE SERVICES
 DEPARTMENT

DATED DEPOSIT REPORT
 Neural Networks IJCNN 89

Tutorials Conf.

Reg. # Name	Total Paid	Pre-Meeting	Meeting	Post-Meeting	Event 1	Event 2	Event 3	Event 4	Event 5	Event 6
07/13/89										
1366 Farr, William H.	349.00	125.00	224.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1375 Severt, Bernard B.	405.00	125.00	280.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total deposited for day	754.00	250.00	504.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Report Totals	754.00	250.00	504.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Deposited to date	573278.10	201324.00	371954.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Refunded to date	7898.00	4090.00	3808.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Net Deposited to Date	565380.10	197234.00	368146.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Outstanding to Date	8852.90	4000.00	4852.90	0.00						
Paid Registrations		685	1988	0						
Outstanding Registrations		14	27	0						
Total Registrations		699	2015	0						
Less Cancelled		18	32	0						
Total Paying Attendees		681	1983	0						
Plus Speakers		0	43	0						
Plus No Charges		2	11	0						
Plus Program Committee		0	9	0						
Total Attendees		683	2046	0						

LIST OF EXHIBITOR ENTRIES
 Neural Networks IJCNN 89

07/17/89
 09:32:38

Exh #	Name	Due	Paid	Owes	Last Paid
✓ 6	Academic Press	450.00	450.00	0.00	04/24/89
✓ 7	Addison-Wesley Publishing Co.	900.00	900.00	0.00	04/24/89
✓ 8	AFCEA International Press	450.00	450.00	0.00	04/24/89
✓ 9	AI Ware	1600.00	1600.00	0.00	06/20/89
✓ 24	AI Week	600.00	600.00	0.00	05/05/89
✓ 27	Associated Dynamics	950.00	950.00	0.00	05/22/89
✓ 10	Cambridge University Press	450.00	450.00	0.00	04/24/89
✓ 1	Cognitive Software, Inc.	1600.00	1600.00	0.00	03/17/89
✓ 22	Excalibur Technologies	7600.00	7600.00	0.00	05/05/89
✓ 11	GRAEME Publishing Corporation	450.00	450.00	0.00	06/20/89
✓ 21	HNC, Inc.	6240.00	6240.00	0.00	05/04/89
✓ 31	Human Devices, Inc.	1900.00	1900.00	0.00	06/02/89
✓ 34	John Wiley & Sons, Inc.	600.00	600.00	0.00	06/20/89
✓ 12	Lawrence Erlbaum Associates, Inc	450.00	450.00	0.00	04/24/89
✓ 28	Micro Devices	1900.00	1900.00	0.00	05/22/89
14	Morgan Kaufman Publishers	450.00	450.00	0.00	06/20/89
15	Nestor, Inc.	1600.00	1600.00	0.00	04/24/89
16	Netrologic, Inc.	800.00	800.00	0.00	06/20/89
17	NeuralWare, Inc.	1900.00	1900.00	0.00	04/24/89
36	Neurix	950.00	950.00	0.00	06/20/89
32	Neuronics, Inc.	1900.00	0.00	1900.00	04/24/89
2	Olmsted & Watkins	800.00	800.00	0.00	04/27/89
38	Orincon Corp	950.00	950.00	0.00	06/20/89
30	Oxford Computer	950.00	950.00	0.00	06/20/89
23	Pergamon Press, Inc.	450.00	0.00	450.00	/ /
29	Phase Linear Systems, Inc.	950.00	0.00	950.00	/ /
18	Science Applications Intl Corp	3200.00	3200.00	0.00	06/20/89
19	Springer-Verlag New York, Inc.	600.00	600.00	0.00	04/24/89
25	Symbolics, Inc.	950.00	950.00	0.00	05/05/89
3	Syntonic Systems, Inc.	800.00	800.00	0.00	03/17/89
13	The MIT Press	450.00	0.00	450.00	/ /
4	The Schwartz Associates	450.00	450.00	0.00	03/17/89
33	Thermo Electron Technologies	950.00	950.00	0.00	06/20/89
5	Third Millennium Venture Cap'l	800.00	800.00	0.00	03/17/89
37	Triton Defense Group	950.00	950.00	0.00	06/20/89
26	Wolfram Research, Inc.	950.00	950.00	0.00	05/05/89
20	World Scientific Publishing Co	450.00	450.00	0.00	04/24/89
Totals		48390.00	44640.00	3750.00	

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990 (office), 543-6061 (secretary),
543-2150 (main office), 776-8995 (home), 543-3842 (FAX).
marks@blake.acs.washington.edu*

8-8-89

Russell Eberhart, Treasurer
IEEE Neural Networks Committee
JHU Applied Physics Laboratory
Johns Hopkins Road
Laurel, MD 20707
(301) 953-5037

Dear Russ:

Thank you for audit of the 1988 ICNN Conference and the IJCNN 1989 Conference. I have forwarded copies of both reports to IEEE.

With regard to the IJCNN audit, I have two comments:

- ◆ To my knowledge, all expenses for the IEEE Neural Networks Committee at the 89 IJCNN were reimbursed directly from NNC funds at IEEE and not from the conference budget. This includes the \$900+ for the NNC-INNS dinner.
- ◆ Reimbursement to INNS of half of the conference overage will only be done after approval of the January 1990 IJCNN budget by the NNC.

Sincerely,

Robert J. Marks II
ew

Robert J. Marks II, Chair
IEEE Neural Networks Committee

cc: Evangelia Tzanakou, NNC Secretary

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
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(206) 543-3842 (FAX); marks@blake.acs.washington.edu

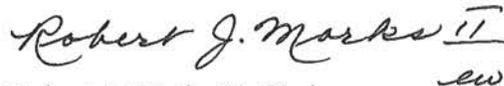
August 29, 1989

Ms. Laura Jobmann
IEEE Conference Services
445 Hoes Lane
P. O. Box 1331
Piscataway, NJ 08855-1331

Dear Laura:

Contrary to the attached letter, an IJCNN final financial report has not been prepared or submitted. I mailed a copy of a review performed by NNC Treasurer, Russ Eberhart, to you. This report was made, however, without direct access to the records of the Conference's Finance Chair, Nick DeClaris. The audit of the finances needs to be submitted by him.

Sincerely,



Robert J. Marks II, Chair
IEEE Neural Networks Committee

RJM:ew
Att.

There are two pages to this FAX transmission including this one page.



IEEE SERVICE CENTER

THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.

445 HOES LANE, P.O. BOX 1331, PISCATAWAY, NJ 08855-1331, USA TEL. (201) 981-0060 TELEX 833233 FAX: (201) 981-0027

3878

DIRECT NUMBER (201) 562-

August 22, 1989

Mr. Robert J. Marks II
University of Washington
Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Seattle, WA 98295

Dear Mr. Marks:

This letter is to acknowledge IEEE Conference Services receipt of the final financial report for the 1989 IEEE/INNS INTERNATIONAL JOINT CONFERENCE ON NEURAL NETWORKS.

As far as IEEE requirements are concerned, the conference has complied with all financial reporting policies. However, it would be prudent to maintain the pertinent financial records and receipts of the conference for a three year period. You may not want to maintain all the individual items, but it is suggested that you maintain a log of all expenses and receipts. These records are to be maintained by the Conference, unless otherwise directed by the sponsoring IEEE Society.

We will notify the appropriate departments of IEEE that a final report has been submitted for the 1989 IEEE/INNS INTERNATIONAL JOINT CONFERENCE ON NEURAL NETWORKS.

Thank you.

Sincerely,

Laura S. Jobmann
Administrator
Conference Services

LSJ:jms

cc: M. Bonaviso
E. Rosenberg
P. Sensi
W. Snyder

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990 (office), 543-6061 (secretary),
543-2150 (main office), 776-8995 (home);
(206) 543-3842 (FAX); marks@blake.acs.washington.edu*

August 24, 1989

Ms. Mel Bonaviso
IEEE Headquarters
345 East 47th Street
New York, NY 10017

Dear Mel:

Please make the following reimbursements from NNC funds:

1. Russ Eberhart for travel to the IEEE Service Center (\$95.00). Original receipts are enclosed.
2. Robert J. Marks II for telephone expenses (\$89.06). The calls claimed are indicated on the enclosed receipts.

Sincerely,



Robert J. Marks II, Chair
IEEE Neural Networks Committee

RJM:ew
Encs.

cc: R. Eberhart

6770 Halfcrown Court
Columbia, MD 21044
August 20, 1989

Robert J. Marks II, Chair
IEEE Neural Networks Committee
Dept. of Electrical Engineering, FT-10
University of Washington
Seattle, WA 98195

Dear Bob:

This is to request reimbursement for expenses incurred for my visit to the IEEE Service Center in Piscataway, NJ, on August 10, 1989. The total expenses were \$95.00; \$73.00 for train tickets and \$24.00 for taxi from the Metro Park train station to the IEEE. (Dr. Tzanakou gave me a ride back to the train station.) Receipts are attached.

Very truly yours,

Russell C. Eberhart
NNC Treasurer

B		C		R		RIDERS	RES. NO.
EXCURSION		ENDORSEMENTS				1	/TR
VOID 11AM-8PM FRI&SUN						ACCOM. CHARGE	
						\$.00	
EX SEP 3. VOID SEP 1&4		FROM-TO		DEPARTURE TIME		RAIL FARE	
						\$52.00	
BWI-MET UNRESERVED		NAME		TRAIN NO.		TOTAL CHARGES	
						\$52.00	
WELCOME ABOARD		SPACE/CAR		ACCT. NUMBER		FARE PLAN	
UNRES COACH				CASH		CRT1	
						PAY CODE	
						CA	
DATE OF SALE		TICKET NO.		NO. OF		PRICE POINTS	
10AUG89		5204003470		01/02		BWI-MET	
SUBJECT TO CONDITIONS ON REVERSE							

NOT FOR CARRIAGE
PASSENGER RECEIPT

B		C		R		RIDERS	RES. NO.
EXCURSION		ENDORSEMENTS				1	/TR
VOID 11AM-8PM RI&SUN						ACCOM. CHARGE	
						\$.00	
EX SEP 3. VOID SEP 1&4		FROM-TO		DEPARTURE TIME		RAIL FARE	
						\$21.00	
MET-BWI UNRESERVED		NAME		TRAIN NO.		TOTAL CHARGES	
						\$21.00	
WELCOME ABOARD		SPACE/CAR		ACCT. NUMBER		FARE PLAN	
UNRES COACH				CASH		CRT1	
						PAY CODE	
						CA	
DATE OF SALE		TICKET NO.		NO. OF		PRICE POINTS	
10AUG89		5204003488		02/02		BWI-MET	
SUBJECT TO CONDITIONS ON REVERSE							

NOT FOR CARRIAGE
PASSENGER RECEIPT

BILLING FOR
MCI
PO BOX 1068
CUSTOMER BILLING CENTER
JUL 10 1989
EVERETT WA 98207
-NO CHARGE-
206-776-8995
1-823-8616
DR ROBT II & MONICA MARKS

MCI NEW CHARGES

DATE	CALLS TO	TELEPHONE #	MIN	CPT	FROM	TIME		
MAY14	MAPLE HTOH	216-663-5610	17	431		419PM	2.12	
MAY14	TERREHAUIN	812-299-1942	30	431		441PM	4.19	
MAY14	FLOURBLUTX	512-939-8895	20	421		523PM	3.30	
MAY20	MAPLE HTOH	216-663-5610	33	431		711PM	4.12	
MAY26	PALO ALTCA	415-723-3304	1	411		1046AM	.22	
MAY26	PALO ALTCA	415-723-6539	1	411		1047AM	.22	
MAY27	MAPLE HTOH	216-663-5610	16	431		1011AM	2.00	
MAY31	MIRA MESCA	619-271-9256	27	421		914PM	4.45	
JUN03	MAPLE HTOH	216-663-5610	15	431		1007AM	1.87	
JUN06	MAPLE HTOH	216-663-5610	17	421		839PM	2.80	
JUN10	MAPLE HTOH	216-663-5610	24	431		851AM	3.00	
JUN11	TERREHAUIN	812-232-0021	33	431		1053AM	4.12	
SUBTOTAL							32.41	
TOTAL LONG DISTANCE CHARGES							32.41	
3.00% FEDERAL EXCISE TAX						ON	32.41	.97
7.80% WASHINGTON STATE SALES TAX						ON	32.41	2.53
MCI NEW CHARGES							35.91	

10 30270 7768995 890104 00000011 00007078 4RDA 0002 00132915

ACCOUNT F9262155 INVOICE 49401628 CYCLE 16 JULY 13, 1989 4 463454

----- DETAIL OF MCI CARD CALLS -----

DATE	TIME	KEY	TO/FROM	NUMBER	MIN	\$ AMOUNT	
JUN 21	05:07P	E	TO SEATTLE WA	206-543-6061	27	5.00	
TOTAL FROM WASHINGTON DC						152	\$35.07
950-1022 FROM CLEVELAND OH							
JUN 24	09:52A	N	TO HALLS LAKE WA	206-776-8995	52	7.04	
JUN 26	10:54A	D	TO HALLS LAKE WA	206-776-8995	6	2.02	
JUN 27	08:34A	D	TO MINNEAPOLS MN	612-379-8888	2	1.00	
JUN 27	08:40A	D	TO HYATTSVL MD	301-454-7398	2	1.00	
JUN 27	08:47A	D	TO HALLS LAKE WA	206-776-8995	2	1.04	
TOTAL FROM CLEVELAND OH						64	\$12.10
950-1022 FROM EVERETT WA							
JUN 28	01:25P	D	TO WASHINGTON DC	202-357-9618	1	.79	
JUN 28	02:17P	D	TO WASHINGTON DC	202-357-9618	1	.79	
JUL 10	10:06A	D	TO W ANGELES CA	213-825-2929	14	3.98	
JUL 10	10:55A	D	TO W ANGELES CA	213-825-2929	3	1.28	
TOTAL FROM EVERETT WA						19	\$6.84

*ORIGINATING CITY CANNOT BE IDENTIFIED WHEN USING AN 800 NUMBER OR OPERATOR ASSISTANCE



----- DETAIL OF MCI CARD CALLS -----							
DATE	TIME	KEY	TO/FROM	NUMBER	MIN	\$ AMOUNT	
950-1022 FROM CLARKSBURG WV							
JUN 22	06:56P	E	TO HALLS LAKE WA	206-776-8995	8		1.87
TOTAL FROM CLARKSBURG WV					1	8	\$1.87
* 800 AND OPERATOR ASSISTED							
JUN 15	08:59P	OE	TO HALLS LAKE WA	206-776-8995	3		1.32
JUN 27	08:36A	OD	TO WASHINGTON DC	202-357-7962	1		1.09
TOTAL FOR 800 AND OPERATOR ASSISTED					2	4	\$2.41
CARD TOTAL 2065423950					27	247	\$58.29
MCI CARD CALLS					27	247	\$58.29

*ORIGINATING CITY CANNOT BE IDENTIFIED WHEN USING AN 800 NUMBER OR OPERATOR ASSISTANCE

MCI

----- DETAIL OF MCI CARD CALLS -----							
DATE	TIME	KEY	TO/FROM	NUMBER	MIN	\$ AMOUNT	
JUL 31	08:56A	D	TO LAUREL MD	301-953-5037	1		.79
AUG 02	10:50A	D	TO HYATTSVL MD	301-454-6869	1		.79
AUG 02	10:57A	D	TO CHICAGO IL	312-567-3414	1		.79
AUG 02	12:20P	D	TO HYATTSVL MD	301-454-6869	1		.79
AUG 02	12:23P	D	TO HYATTSVL MD	301-454-6869	74		18.67
AUG 07	11:45A	D	TO GAITHERSBG MD	301-428-1276	6		2.02
AUG 11	09:58A	D	TO PALO ALTO CA	415-723-3304	1		.78
AUG 11	09:59A	D	TO SAN DIEGO CA	619-291-7131	3		1.28
TOTAL FROM EVERETT WA					22	130	\$43.83
* 800 AND OPERATOR ASSISTED							
JUN 17	12:18A	ON	TO HALLS LAKE WA	206-776-8995	25		3.98
TOTAL FOR 800 AND OPERATOR ASSISTED					1	25	\$3.98
CARD TOTAL 2065423950					23	155	\$47.81
MCI CARD CALLS					23	155	\$47.81

*ORIGINATING CITY CANNOT BE IDENTIFIED WHEN USING AN 800 NUMBER OR OPERATOR ASSISTANCE

MCI

----- DETAIL OF MCI CARD CALLS -----							
DATE	TIME	KEY	TO/FROM	NUMBER	MIN	\$ AMOUNT	
MCI CARD # 2065423950							
950-1022 FROM EVERETT WA							
JUL 13	10:21A	D	TO HYATTSVL MD	301-454-7398	2		1.04
JUL 19	11:08A	D	TO W ANGELES CA	213-825-2929	1		.79
JUL 19	11:10A	D	TO ROCKVILLE MD	301-975-3418	3		1.28
JUL 19	11:15A	D	TO PASADENA CA	818-356-4856	7		2.26
JUL 19	11:31A	D	TO WASHINGTON DC	202-767-4931	2		1.04
JUL 19	12:07P	D	TO WASHINGTON DC	202-357-9618	2		1.04
JUL 20	01:07P	D	TO W ANGELES CA	213-825-2929	10		3.00
JUL 20	01:18P	D	TO PASADENA CA	818-356-4856	4		1.53
JUL 31	08:15A	D	TO LAUREL MD	301-953-5037	1		.79
JUL 31	08:18A	D	TO PALO ALTO CA	415-424-2704	2		1.00
JUL 31	08:20A	D	TO WASHINGTON DC	202-357-7692	1		.79
JUL 31	08:25A	D	TO HYATTSVL MD	301-454-2442	2		1.04
JUL 31	08:28A	D	TO BALTIMORE MD	301-328-2060	3		1.28
JUL 31	08:31A	D	TO LAUREL MD	301-776-5571	2		1.04

*ORIGINATING CITY CANNOT BE IDENTIFIED WHEN USING AN 800 NUMBER OR OPERATOR ASSISTANCE

MCI

Robert J. Marks II Library Archive

-----DETAIL OF MCI CARD CALLS-----							
DATE	TIME	KEY	TO/FROM	NUMBER	MIN	\$ AMOUNT	
MCI CARD # 2065423950							
950-1022 FROM WASHINGTON DC							
JUN 17	09:01P	N	TO HALLS LAKE WA	206-776-8995	24	3.55	
JUN 18	01:33P	N	TO LOS ALTOS CA	415-948-8080	1	.67	
JUN 18	01:41P	N	TO HALLS LAKE WA	206-776-8995	1	.67	
JUN 18	02:58P	N	TO HALLS LAKE WA	206-776-8995	18	2.80	
JUN 18	03:20P	N	TO LOS ALTOS CA	415-948-8080	1	.67	
JUN 19	11:14A	D	TO LOS ALTOS CA	415-948-8087	1	.79	
JUN 19	02:57P	D	TO PALO ALTO CA	415-723-5782	1	.79	
JUN 19	02:59P	D	TO PALO ALTO CA	415-723-5782	10	3.00	
JUN 19	03:44P	D	TO DUNELLEN NJ	201-562-3873	10	2.77	
JUN 20	11:22A	D	TO SEATTLE WA	206-543-6061	1	.79	
JUN 20	10:05P	E	TO MAPLE HTS OH	216-663-5610	15	2.82	
JUN 20	10:20P	E	TO HALLS LAKE WA	206-776-8995	2	.88	
JUN 21	08:50A	D	TO DUNELLEN NJ	201-562-3873	38	8.99	
JUN 21	05:04P	E	TO HALLS LAKE WA	206-776-8995	2	.88	

*ORIGINATING CITY CANNOT BE IDENTIFIED WHEN USING AN 800 NUMBER OR OPERATOR ASSISTANCE



-----DETAIL OF MCI DIAL 1 AND OPERATOR ASSISTED CALLS-----							
DATE	TIME	KEY	TO/FROM	NUMBER	MIN	\$ AMOUNT	
CALLS FOR 206-776-8995:							
JUL 15	06:53P	N	TO MAPLE HTS OH	216-663-5610	46	5.75	
JUL 19	08:41P	E	TO MAPLE HTS OH	216-663-5610	18	2.97	
JUL 19	08:59P	E	TO MAPLE HTS OH	216-663-5610	21	3.46	
JUL 23	02:07P	N	TO MAPLE HTS OH	216-663-5610	1	.12	
JUL 24	10:14A	D	TO NEWARK NJ	201-648-1766	1	.24	
JUL 24	10:15A	D	TO NEWBRNSWCK NJ	201-932-1766	5	1.22	
JUL 24	10:20A	D	TO NEWBRNSWCK NJ	201-932-2037	2	.49	
JUL 26	08:16A	D	TO DUNELLEN NJ	201-562-3873	2	.49	
JUL 26	08:38A	D	TO DUNELLEN NJ	201-562-3873	42	10.29	
AUG 03	08:44P	E	TO MAPLE HTS OH	216-663-5610	40	6.20	
TOTAL FOR 206-776-8995					10	178	\$31.23
DIAL DIRECT CALLS					10	178	\$31.23



UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990 (office), 543-6061 (secretary),
543-2150 (main office), 776-8995 (home);
(206) 543-3842 (FAX); marks@blake.acs.washington.edu*

August 22, 1989

Professor Walter Karplus, General Co-Chair
IJCNN, Summer 1990
UCLA
3732 Boelter Hall
Los Angeles, CA 90024

Professor Joseph Goodman, General Co-Chair
IJCNN, Summer 1990
Stanford University
Dept. of Electrical Engineering
McCullough 150
Stanford, CA 94305-4055

Dear Joe and Walter:

The attached is for your information. Please note Nomi's new address.

Sincerely,

Robert J. Marks II

Robert J. Marks II, Chair *ew*
IEEE Neural Networks Committee

RJM:ew
Att.

cc: R. Eberhart, NNC Treasurer
L. Jobmann, IEEE Headquarters

1989 IEEE Neural Networks Council Document
Robert J. Marks II Library Archive

5665 oberlin drive
suite 110
san diego
california
92121

consultants
and coordinators

conventions
meetings

conferences
symposia

(619)
453-6222
fax (619)
535-3880

m e e t i n g m a n a g e m e n t

August 9, 1989

Prof. Robert Marks
Interactive Systems Design Lab.
Dept. of Electrical Eng./FT-10
University of Washington
Seattle WA 98195

Dear Bob:

Enclosed please find the IJCNN'90 contract with my signature on pages 7 and 9, as requested.

I am now working on the proposed budget for next year's meeting, and will submit it to Dr. Goodman, Dr. Karplus, Dr. Caulfield, and Dr. Eberhart as soon as it is ready. I will also have a cash flow schedule attached to this.

In response to your question regarding the San Diego Marriott room commission, I would anticipate that the commissions will be between \$35,000 and \$45,000. I will certainly provide you with a full report after the conference.

I am looking forward to working with you and the IJCNN Committee on the 1990 conference.

Cordially,



Nomi Feldman

NF:jw
Enclosure

R. Fiscal Responsibility (continued)

- d. An accounting of all bills paid, by Meeting Management, listed by category as indicated in the budget.
- e. IJCNN will advance \$15,000 as an initial payment for Conference operating expenses by July 15, 1989. The remaining Conference expenses will be submitted for payment as they become due.

S. Post Conference Activities

1. Maintain office address on a year-round basis, if desired, for late mail, inquiries, etc.
2. Save records for use for following year.

Compensation

The fee for the services listed in this Agreement shall be as follows:

\$16,000.00 for less than 500 registrants;

\$28,000.00 for more than 500 but less than 1000 registrants;

\$35,000.00 for more than 1,000 through 1,500 registrants, inclusive;

For every registrant above 1,500 IEEE IJCNN '90 will pay Meeting Management \$20 per registrant. Hotel room commissions will be applied towards the amount due; and

\$10,000.00 shall be paid on account upon your signing of this agreement, the remainder to be paid at the completion of the conference.

If the \$10,000 advance and room commissions exceed the stated fee, the overage will be returned to IJCNN '90 by Meeting Management.

RJM 7/29/89

Normi Feldman 8/8/89

Liabilities (continued)

- 3. If the conference cancellation occurs between the third and fifth months, inclusive, before the scheduled conference date, one-half of the \$35,000.00 fee for 1,000 to 1,500 registrants, and;
- 4. If the conference cancellation occurs less than three months before the scheduled conference date, the entire \$35,000.00 fee for the 1,000 to 1,500 registrants.

Form of Agreement

This agreement constitutes the entire agreement between the parties pertaining to the subject matter contained in it and supersedes all prior or contemporaneous agreements, representations, modifications and understandings of the parties. Any supplements, modifications or amendments of the agreement will be binding only if executed in writing by all of the parties hereto.

Terms approved and agreed to:

as amended on p.7

Nomi Feldman

RJM/EF
7/29/89
8/8/89

Robert Marks II

Robert Marks, *Chair*
IEEE Neural Networks Committee

7/29/89
Date

Nomi Feldman

Nomi Feldman
Conference Coordinator

June 30, 1989
Date

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990 (office), 543-6061 (secretary),
543-2150 (main office), 776-8995 (home), 543-3842 (FAX).
marks@blake.acs.washington.edu*

8-15-89

Dr. Robert W. Newcomb
Microsystems Laboratory
Electrical Engineering Dept.
University of Maryland
College Park, MD 20742
FAX (301) 454-1837

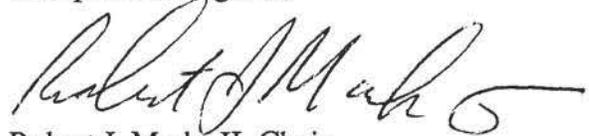
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I write in response to your recent letter. The addresses you requested were sent to you by e-mail.

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The Oversight Committee has met formally for an hour at the last IJCNN. No notes were taken. No formal motions were made.

Best personal regards,



Robert J. Marks II, Chair
IEEE Neural Networks Committee

cc: Anthony Ephremides, Division X Director
Evangelia Tzanakou, NNC Secretary
Laura Jobmann, IEEE

THERE ARE SIX PAGES IN THIS FAX TRANSMISSION.
THE ORIGINAL IS BEING SENT BY SURFACE MAIL WITH ADDITIONAL MATERIAL.



INFORMATION SYSTEMS LABORATORY

Department of Electrical Engineering
STANFORD UNIVERSITY Stanford, CA 94305-4055

BERNARD WIDROW
Professor of Electrical Engineering
(415) 723-4949

August 9, 1989

Professor Bob Marks
University of Washington
Interactive Systems Design Lab.
Seattle, WA 98195

Dear Bob:

Thank you for your recent FAX messages. I will begin by answering the questions raised in your message of 7/30/89.

- I believe that you have been given copies of the INNS budget for the January 1990 IJCNN meeting, and that a copy also went to Nick DeClaris. Your earlier comments, I recall, seemed to indicate that this budget is an adequate one. It was drawn up by the Financial Chair, Maureen Caudill. She has done IEEE budgets before and knows the IEEE rules. With regard to the conference proceedings, the best publishing deal was obtained from Lawrence Earlbaum. The price was at least \$15K better than the IEEE price. The INNS Governing Board has voted to award the contract to Earlbaum. I discussed this prospect with Laura Jobmann and she had no problem with it but referred me to Pat Penick who is in charge of IEEE intellectual property rights. Pat would be most happy if we published with IEEE but said that it is OK to go with Earlbaum as long as Earlbaum will hold the copywrite. All of this is legitimate under IEEE rules, according to Pat Penick. She understood our interests in containing costs. I think that we have met all IEEE requirements. I would appreciate a FAX from you or a phone call ASAP to let me know if, in your opinion, you think that we are OK on these matters.

- We should be studying the INNS/IEEE agreement to see if modifications are in order. This should be done quite soon. To the best of my knowledge, both parties have adhered to this agreement and it seems to be working. Our meeting in June was a great success. The January IJCNN seems to be on target. We still have a few more days till deadline, and it looks as though we will have 500 papers submitted with 33% of them coming from overseas.
- I am sending to you, via Federal Express, copies of hotel contracts that have not yet been signed but are pending (we have first priority for the stated dates). These are from the Bonaventure Hotel in LA for March 17-21, 1991, and the Omni Shoreham Hotel in Washington, DC, for April 4-10, 1992. These contracts need to be approved by the INNS Board and your NNC, ASAP.
- I am proposing that INNS led meetings take place approximately February/March and that IEEE led meetings take place approximately August/September. This keeps our meetings optimally clear of NIPS and allows for future June meetings in Europe or Asia. If the summer IJCNN meeting were held in June, then the winter IJCNN meeting would need to be held in December. But this would conflict with NIPS and with Christmas and New Years. For these reasons I have made the above proposal. If there is a more practical solution, I would like to hear about it. It should be realized that someone will object to any set of times that might be chosen. We need to get this issue resolved by the Oversight Committee and NNC very soon. My suggested phasing has been brought before the INNS Board and, after discussion, was approved. This doesn't mean that we can't change phase, but the proposed phase made sense to a lot of people in the business.
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- The INNS members of the IJCNN Oversight Committee are:

Bernard Widrow, Chair
Stanford University
Electrical Engineering Department
Durand Building, Room 139
Stanford, CA 94305-4055
Telephone: (w) (415) 723-4949 (h) (415) 857-9151
FAX: (415) 723-8473
e-mail: widrow@isl.stanford.edu

James Anderson
Brown University
Cognitive and Linguistic Sciences Department
Providence, RI 02912
Telephone: (w) (401) 863-2195 or (401) 863-2727
FAX: (401) 863-3700
e-mail: anderson@brownkog.bitnet

Leon Cooper
Brown University
Physics Department
Providence, RI 02912
Telephone: (w) (401) 331-9640
FAX: (401) 331-7319
e-mail: ph706009@brownvm.bitnet

Carver Mead
California Institute of Technology
Electrical Engineering Department
Pasadena, CA 91125
Telephone: w) (818) 356-6841
FAX: (818) 792-5873
e-mail: helen@csvax.caltech.edu

David Rumelhart
Stanford University
Psychology Department, Building 420
Stanford, CA 94305-2130
Telephone: (w) (415) 725-2457 (h) (415) 322-7385
FAX: (415) 725-5699
e-mail: der@psych.stanford.edu

These members, incidentally, comprise the Executive Committee of the INNS Governing Board. We have alternates for this committee when members cannot be present at meetings. The alternates are, in order of priority for service:

Demetri Psaltis
California Institute of Technology
Electrical Engineering Department
Pasadena, CA 91125
Telephone: (w) (818) 356-4856 (h) (818) 798-5466
e-mail: psaltis%sunoptics@csvax.caltech.edu

Terrence Sejnowski
The Salk Institute
CNL
P.O. Box 85800
San Diego, CA 92138-9216
Telephone: (w) (619) 453-4100, Ext. 611 (h) (619) 259-5184
FAX: (619) 552-8285

Bart Kosko
University of Southern California
Electrical Engineering Department
Los Angeles, CA 90089
Telephone: (w) (213) 743-6581 (h) (818) 330-5415
FAX: (213) 745-7284
e-mail: kosko@brand.usc.edu

Christoph von der Malsberg
University of Southern California
Computer Science Department
Los Angeles, CA 90089
Telephone: (w) (213) 743-5381
FAX: (213) 747-0820
e-mail: malsburg@yorick.usc.edu

Morris Hirsch
Department of Mathematics
University of California
1081 Evans Hall
Berkeley, CA 94720
Telephone: (w) (415) 642-4318
e-mail: hirsch@math.berkeley.edu

- Under the Chairmanship of Bob Newcomb, I expect the Oversight Committee to move forward! We have discussed the idea of doing research in the annals of IEEE to see if there are examples of by-laws of other Oversight Committees. By-laws should be kept few and simple, but we do need a secretary to take minutes; otherwise, decisions are almost meaningless. If you want to schedule a meeting, let me know. I will be out of the country during the month of September.

Sincerely,

A handwritten signature in cursive script, appearing to read "Bernie".

Bernard Widrow

BW:jd

*first 6 pages faxed
8/18/89*

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990 (office), 543-6061 (secretary),
543-2150 (main office), 776-8995 (home), 543-3842 (FAX).
marks@blake.acs.washington.edu*

8-15-89

Dr. Robert W. Newcomb
Microsystems Laboratory
Electrical Engineering Dept.
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College Park, MD 20742
FAX (301) 454-1837

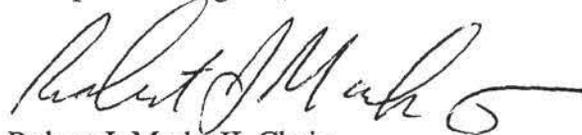
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Robert J. Marks II, Chair
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Leon Cooper
Brown University
Physics Department
Providence, RI 02912
Telephone: (w) (401) 331-9640
FAX: (401) 331-7319
e-mail: ph706009@brownvm.bitnet

Carver Mead
California Institute of Technology
Electrical Engineering Department
Pasadena, CA 91125
Telephone: w) (818) 356-6841
FAX: (818) 792-5873
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e-mail: psaltis%sunoptics@csvax.caltech.edu

Terrence Sejnowski
The Salk Institute
CNL
P.O. Box 85800
San Diego, CA 92138-9216
Telephone: (w) (619) 453-4100, Ext. 611 (h) (619) 259-5184
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Los Angeles, CA 90089
Telephone: (w) (213) 743-5381
FAX: (213) 747-0820
e-mail: malsburg@yorick.usc.edu

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Department of Mathematics
University of California
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Berkeley, CA 94720
Telephone: (w) (415) 642-4318
e-mail: hirsch@math.berkeley.edu

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Sincerely,

A handwritten signature in cursive script, appearing to read "Bernie".

Bernard Widrow

BW:jd

MINUTES OF THE IEEE-NNC MEETING

June 18, 1989

Sheraton Washington Hotel, Washington, D.C.

R. J. Marks II presiding.

The meeting came to order. The following NNC members were present: F. Aldana, K. Bakhrui, N. DeClaris, B. Dickinson, R. Eberhart, B. H. Juang, R. Marks, T. Nagle, E. Posner, H. Rauch, W. Snyder, E. Tzanakou; and five observers: M. Aronstein, M. Roth, P. K. Simpsun, R. D. Trueblood and A. Ephremides.

The agenda was discussed and approved. Minutes were approved as amended. One change was made, namely that R. Eberhart was an NNC member as of the Denver meeting.

A report on past accomplishments was given by R. Marks. These accomplishments included the agreement between the INNS and IEEE and the tentative approval of the IEEE Neural Networks transactions.

Troy Nagle reviewed the financial status of the 1988 conference. As of the end of April, the IEEE account had a \$25,500 balance with \$16,000 loan to this year's committee. Mr. Aronstein, Chairman of the San Diego Section, said that the books can be closed out soon.

The next item on the agenda was governance. T. Ephremides took nominations from the floor. R. Marks and F. Aldana were nominated for Chairman. They left the room so that elections could take place. R. Marks was elected Chairman. E. Tzanakou was nominated for Secretary. She was elected by acclamation. W. Snyder was nominated for Treasurer but declined. He then nominated R. Eberhart who was elected by acclamation.

The constitution of the Neural Networks IEEE Committee was then brought up for adoption as it appeared in the blue book (distributed). It was unanimously approved with minor corrections.

A proposed Constitution for the IEEE Council on Neural Networks was brought up for discussion. It was noted that this constitution would have to be presented to the technical activities board (TAB) and be approved by the NNC. Becoming a Council is the next step up the IEEE ladder. Because the NNC will be publishing a Transactions as well as running the IJNNG, it is appropriate that it becomes a council, a more formal organization. Proper campaigning with the TAB members was recommended.

A motion by H. Rauch (seconded by R. Eberhart) followed to proceed with the council status. All were in favor but one. T. Ephremides, H. Rauch and W. Snyder were then appointed as a subcommittee to "fine tune" the IEEE council proposal. The field interest was discussed at length. The above mentioned three member subcommittee will craft the version to be presented to the TAB. The same subcommittee will be reviewed by T. Nagle, then a mail vote will be taken by mid October. The motion was passed.

Herb Rauch then took the floor to discuss the upcoming Transactions. He passed out a description of the publication, a copy of which is attached as Appendix A. In addition to the twelve Associate Editors already suggested, two more Associate Editors, Scott Kirkpatrick and Erkka Oja were suggested.

Sections on papers, short papers and letters will be established. Papers and short papers will be reviewed identically, letters will undergo a different review process that facilitates quick publication. The scope of the Transactions was discussed, and several changes were suggested. The document will be mailed to the Editorial Board for suggestions and approval. A motion for the approval of the Associate Editors was made, seconded and approved.

The conference status was then brought up by Bob Marks. W. Snyder discussed the status of the IJCNN '89 conference. He said it is a "success" with three cost centers (exhibits, tutorials, and registration) all in the black.

A discussion followed that if needed, Bob Marks will write to Society presidents, on behalf of any individual member, requesting that the Society help cover expenses to the NNC meetings. It was moved (E. Aldana) that the Chairman of the NNC at his or her discretion, be able to help pay travel expenses of those who could not otherwise attend the meeting. The request for travel expenses must be made and approved in advance of the meeting. The motion was unanimously approved. At this point, another motion was made for the requirement of "in advance" of the previous motion, being removed for this year's meeting. The motion was unanimously approved.

A report of the Oversight Committee followed. Nick DeClaris reported on the 1990 and 1991 organizations and plans. He mentioned that tab #8 from the circular is withdrawn from consideration since a number of problems exist. Discussion took place as to who chooses the place of a conference and whether the Oversight Committee should have the power to make that decision and that decision being discussed by the NNC. The issues of how much ahead of time decisions should be made about locale and people running the conference were discussed. During the discussion about the '91 Conference a motion was made by R. Eberhart. The motion is that..."the oversight committee following this conference cannot hold or assume major leadership roles in the conferences while they are on the Oversight

Committee". After a long discussion -- sometimes very confusing-- the motion was passed (6 for it, 5 against it). The 1991 conference will take place in Seattle, (IEEE sponsored). A motion was placed by F. Aldana that "the five members of the Oversight Committee who belong to the IEEE-NNC should act as the meetings committee of the NNC." The motion passed unanimously.

T. Ephremides brought up the Region 10 meetings outside the U.S. and that TAB will match the amount that the societies will contribute for one or two representatives to these meetings. The current plan is one in India, one in Singapore and a couple in Australia. If we choose to participate in this series of colloquia we should designate one or two people to participate. R. Eberhart moved that up to \$5,000 be allocated as matching funds for this traveling to the IEEE Symposia in Asia. Motion was carried unanimously.

It was decided that the next meeting will be on Sunday, November 26, 1989 at 1:30 p.m. at the NIPS Meeting.

M. Aronstein brought up the issue of percentage interest for the San Diego section in the IJCNN '90 meeting. The issue was tabled.

The meeting was then adjourned.

**INFORMATION SYSTEMS LABORATORY**Department of Electrical Engineering
STANFORD UNIVERSITY Stanford, CA 94305-4055BERNARD WIDROW
Professor of Electrical Engineering
(415) 723-4949Date: August 9, 1989Number of pages (including this cover sheet): 2
Please give us a call (415-723-3164) if you did not receive the right pages.**TO:**Name: Dr. Bernard Angeniol
Company: Thomson-CSF
Location: 1, Rue des Mathurins
92220 Bagneux, Paris, France
Phone: (33-1) 40-84-40-00
Facsimile no.: (33-1) 40-84-46-96**FROM:**Facsimile no.: (415) 723-8473
Name: Bernard Widrow
Company: Stanford University
Location: Information Systems Laboratory
Durand 139
Stanford, CA 94305-4055 U.S.A.
Phone: (415) 723-4949**MESSAGE:**



INFORMATION SYSTEMS LABORATORY

Department of Electrical Engineering
STANFORD UNIVERSITY Stanford, CA 94305-4055

BERNARD WIDROW
Professor of Electrical Engineering
(415) 723-4949

August 9, 1989

Mr. Bernard Angeniol
Thomson-CSF
1, Rue des Mathurins
9220 Bagneux
Paris
FRANCE

Dear Bernard:

I received your FAX. Congratulations on the acquisition of Kohonen as Program Chair. It looked as though for political reasons he didn't want to do it; but if he is agreeable, that's great!

I will proceed now to invite the people you suggested that I invite.

I have met V. I. Kryukow several times and have corresponded with him. I would be happy to invite him.

Where will the travel expense funds come from for all the people that I should invite?

I am looking forward to reviewing draft No. 11 of the contract and hope that this will be the final one.

Please give my best regards to Michel Denechere. It looks as though we are making great progress. I hope Nina is doing well!

Sincerely,

A handwritten signature in cursive script that reads "Bernard".

Bernard Widrow

BW:jd



INFORMATION SYSTEMS LABORATORY

Department of Electrical Engineering
STANFORD UNIVERSITY Stanford, CA 94305-4055

BERNARD WIDROW
Professor of Electrical Engineering
(415) 723-4949

July 31, 1989

Mr. Bernard Angeniol
Thomson-CSF
1, Rue des Mathurins
9220 Bagneux
Paris
FRANCE

Dear Bernard:

By following the "IEEE Rules" I am assured that INNS (which is a non-profit society like IEEE) will avoid all tax troubles in the future. Furthermore, by following these rules, I am leaving open the door for IEEE to join INNS and Thomson in doing the conference. I am being advised about IEEE rules by Ms. Laura Jobmann at IEEE Conference Services, (201) 562-3873. She is familiar with what we are doing and she has a copy of "draft No. 10: from Michel Denechere, which I sent to Bob Marks and he sent to Laura. She is a very helpful person, and I am sure that if you wished to talk with her, she would be delighted. Basically, she told me that INNS and IEEE cannot support the conference with money and can draw no money from it.

Following these rules as well as I can interpret them, I have made the following changes in our draft No. 10 contract:

Everything is OK up to Article 1.

Change Articles 1.1 (a) and (b) as shown in the enclosure. Please be advised that the cost of IEEE mailing labels will be small, and the cost of INNS labels will be zero.

1.1) INNS and IEEE will participate in the Conference as cooperating societies in the following manner:

-a) INNS and IEEE will make available to TH-SA, at cost, mailing labels from listing used for other IJCNN meetings (approximately 10,000 members) for the purpose of advertising the Conference. Brochures for the mailing will be furnished by TH-SA . Each advertising or announcement about the Conference will mention "INNS and IEEE cooperating societies sponsored by THOMSON-SA".

-b) INNS and IEEE will invite board members and other selected top scientists in the neural network field to participate as invited speakers at the conference. INNS and IEEE will seek authorization from the invited speakers to publish their names and short CV's in all documents or advertising for the Conference. The definitive list of the invited speakers will be provided by the Program Committee no later than September 1, 1989.

-d) INNS and IEEE will provide a table for a TH-SSA representative to advertise the Washington IJCNN conference in January 1990.

1.2) -d) Registration fees for student attendees will be one third that of professional people.

ARTICLE 5: TERM OF AGREEMENT

This Agreement shall commence on the date of its signature by Parties (INNS, IEEE and TH-SA), and shall terminate, at the latest, two months from the end of the Conference.

Delete Article 1.1 (c). I don't think that we need this. INNS cannot and will not do another meeting in Europe in 1990. The same is true for the IEEE Neural Network Committee. But we cannot control the other IEEE groups in Europe. Other meetings will happen, and we cannot stop them. We can only make our meeting the best of all.

Modify 1.1 (d) in accord with enclosure. We should avoid giving the impression that we are providing something of monetary value to the conference.

From there on everything is OK up to Article 3.

Delete Articles 3.3 and 3.4.

Delete Article 4.

Modify Article 5 in accord with enclosure.

Everything else is OK as it is.

Sincerely,

A handwritten signature in cursive script that reads "Bernard Widrow". The signature is written in black ink and has a long horizontal flourish extending to the right.

Bernard Widrow

BW:jd

Attachment



THE WESTIN BONAVENTURE
Los Angeles

William P. Lucas
Managing Director

August 4, 1989

Dr. Bernard Widrow
Stanford University
Durand Building, #139
Palo Alto, CA. 94305

Dear Dr. Bernard:

The Westin Bonaventure is very excited to be under consideration for the International Neural Network Spring meeting in 1991. I have been working with Nomi Feldman of Meeting Management on the details for this conference. Nomi has asked that I forward the contract to both of you, as she is on vacation. Next week I will be in touch with her to review and discuss the details.

The Westin Bonaventure has the location, rooms and meeting space needed for this meeting. Most importantly we have a team of professionals dedicated to providing the best possible service to our groups! We therefore offer International Neural Network all the ingredients for a successful meeting.

Dr. Widrow, I look forward to working with you and Nomi to bring this prestigious meeting to The Westin Bonaventure.

Sincerely,

Bonnie Brandolino
National Sales Manager

BB/pt
661-2BB

cc: Nomi Feldman



THE WESTIN BONAVENTURE
Los Angeles

William P. Lucas
Managing Director

August 3, 1989

GROUP AGREEMENT

Group International Neural Network

Meeting Spring Meeting

Authorized Representative Dr. Bernard Widrow

Title President

Address Stanford University - Duran Bldg, #130
Palo Alto, California 94305

Phone (619) 453-6222

The Group named above desires to engage the facilities and services of the Hotel as headquarters, and the Hotel agrees to furnish facilities and services as stated in this Agreement to accommodate the International Neural Network

When signed by representatives of both parties, this Group Agreement will constitute a firm contract between the Group and the Hotel. Any changes to this Agreement must be in writing and signed by both parties.

GUEST ROOM BLOCK

The Hotel shall reserve for the International Neural Network the following Guest Room Block

<u>Day</u>	<u>Date</u>	<u>Guest Rooms</u>	<u>Total Guest Room Block</u>
Saturday	March 16, 1991	540	540
Sunday	March 17, 1991	882	882
Monday	March 18, 1991	900	900
Tuesday	March 19, 1991	900	900
Wednesday	March 20, 1991	837	837
Thursday	March 21, 1991	297	297
Friday	March 22, 1991	54	54
Saturday	March 23, 1991	0	0

International Neural Network Association

SUITES

Currently no suites are being held. However, the Hotel has capability of committing up to 66 suites.

ROOM BLOCK HISTORY

The Hotel and the Group will review on an annual basis the Group's guest room pickup for similar meetings. Necessary adjustments to the Guest Room Block will be agreed upon mutually. One year in advance of the convention, a final review will be made and, if necessary, the above Guest Room Block will be adjusted.

GUEST ROOM RATES

Listed below are the Hotel's published Guest Room Rates as of the date of this Agreement. These rates may be adjusted from time to time by the Hotel to reflect increases in the cost of operation. The Guest Room Rates applicable to the Group will be confirmed in writing by the Hotel not later than 1 year in advance of the arrival date.

<u>Rooms</u>	<u>Standard</u>	<u>Medium I</u>	<u>Medium II</u>	<u>Deluxe</u>
Single	\$130.00	\$140.00	\$160.00	\$175.00
Double/Twin	\$155.00	\$165.00	\$185.00	\$200.00
Suite	\$275.00	and	up	

These rates do not include the occupancy tax on guest rooms, which is currently 12%.

The Hotel will honor the confirmed rates for the Group for three (3) days prior and three (3) days after the meeting dates, based upon availability.

CUTOFF DATE

The Guest Room Block will be held until February 16, 1991. Reservation requests received after the Cutoff Date will be confirmed on a space-available basis. All rooms in the Guest Room Block for which no reservation requests have been received by the Cutoff Date will revert back to the Hotel for general sale at rack rates.

CHECK IN/CHECKOUT

The Hotel will make a reasonable effort to accommodate early arrivals prior to the Hotel's normal check in time of 3:00 p.m. Checkout time is 1:00 p.m. The Group agrees to advise its members of these times.

International Neural Network Association

HOUSING BY RESERVATION RETURN CARDS

The Hotel will provide the Group with reservation cards equal to two and one half (2½) times the number of Guest Rooms being held on the peak night as shown in the Room Block. If additional cards are required, a printing charge will be assessed.

COMPLIMENTARY CREDITS

For every fifty (50) Guest Rooms occupied by the Group, the Hotel will provide one (1) Complimentary Credit. The Hotel will provide Complimentary Credits based on the following formula:

Total Room Nights divided by 50
Equals Total Complimentary Credits.

For purposes of this Agreement, one (1) "Room Night" is defined as one (1) Guest Room occupied for one (1) night. In suites, where parlors take the place of two or more rooms, the actual number of modules used to make up the suites will be counted when determining Complimentary Credits.

Complimentary Credits may be applied to suite accommodations as follows:

<u>Type of Suite</u>	<u>Complimentary Credits Required</u>
Hollywood	2
Redondo	3
Laguna	3
Malibu	3
Pacific	5
Bunker Hill (3-Bedroom)	8
Huntington	10

All of the above Complimentary Credits are based upon one-bedroom suites with the exception of the Bunker Hill as noted.

MASTER ACCOUNT BILLING

At least thirty (30) days prior to the arrival Date, the Group shall notify the Hotel in writing of those guest rooms, meeting rooms, banquet and exhibit expenses which are to be charged to the Master Account. This notice shall also include the names of those persons who have the authority to post charges to the Master Account.

International Neural Network Association

All individuals not authorized to be billed to the Master Account will be responsible for their individual guest room accounts. Upon registration, guests will be asked to present a valid major credit card; American Express, Visa, Diners Club, MasterCard, Discover, Carte Blanche or Westin Hotel Card. Otherwise, a deposit in cash, check or travelers check in the amount of room, tax and parking for the duration of their stay will be required.

TERMS OF PAYMENT

Where credit has been established by our Credit Department, seventy-five percent (75%) of the Master Account will be paid prior to the Group's departure from the Hotel. The remaining twenty-five percent (25%) will be payable upon receipt of invoice. A Finance Charge is computed on account balances which are delinquent. The Periodic Rate is 1½% per month; the Annual Percentage Rate is 18%.

Where credit has not been established, all estimated charges must be paid prior to the Group's arrival as directed by our Credit Department.

PROGRAM

The Hotel will hold appropriate function space to accommodate the Program as outlined below. Please notify the Hotel immediately if there are any changes so necessary adjustments can be reviewed.

Day	Date	Function	Time		Type of Setup	Attendance
			From	To		
Sat.	03/16/91	Office	6:00 a.m.	24 Hour	Setup	
		Registration	6:00 a.m.	24 Hour		
Sun.	03/17/91	Office		24 Hours		
		Registration		24 Hours		
		Press	6:00 a.m.	24 Hours		
		Hospitality	6:00 a.m.	24 Hours	Rounds	
		Slide	6:00 a.m.	24 Hours		
		(9) Breakouts	8:00 a.m.	6:00 p.m.	Theatre	100ea.
		(5) Breakouts	8:00 a.m.	6:00 p.m.	Theatre	150ea.
		Exhibits	6:00 a.m.	24 Hours	Setup	
		Reception	6:00 p.m.	8:00 p.m.	Flow	1000ea.
General Session	8:00 p.m.	10:00 p.m.	Theatre	1500ea.		
Mon.	03/18/91	Office		24 Hours		
		Registration		24 Hours		
		Press		24 Hours		
		Hospitality		24 Hours	Rounds	
		Slide		24 Hours		
		Exhibit		24 Hours		
		(2) Breakouts	8:00 a.m.	5:00 p.m.	Theatre	1000ea.
General Session	8:00 a.m.	10:00 p.m.	Theatre	2000ea.		

International Neural Network Association

Tue.	03/19/91	Office	24 Hours			
		Registration	24 Hours			
		Press	24 Hours			
		Hospitality	24 Hours		Rounds	
		Slide	24 Hours			
		Exhibits	24 Hours			
		{2} Breakouts	8:00 a.m.	5:00 p.m.	Theatre	1000ea.
		General Session	8:00 p.m.	10:00 p.m.	Theatre	2000ea.
Wed.	03/20/91	Office	24 Hours			
		Registration	24 Hours			
		Press	24 Hours			
		Hospitality	24 Hours		Rounds	
		Slide	24 Hours			
		Exhibits	24 Hours			
		{2} Breakouts	8:00 a.m.	5:00 p.m.	Theatre	1000ea.
		Reception	6:00 p.m.	8:00 p.m.	Flow	2000ea.
General Session	8:00 p.m.	11:00 p.m.	Theatre	1500ea.		
Thu.	03/21/91	Office	24 Hours			
		Registration	24 Hours			
		Press	24 Hours			
		Hospitality	24 Hours		Rounds	
		Slide	24 Hours			
		Exhibits	24 Hours			
		{2} Breakouts	8:00 a.m.	5:00 p.m.	Theatre	1000ea.
Fri.	03/22/91	Office	Until 12:00 Noon			
		Exhibits	Until 12:00 Noon		Teardown	

The Hotel's Convention Services Department will contact the Group's Authorized Representative ten (10) months in advance of the meeting to update the above tentative Program. A final Program must be received six (6) months in advance of the meeting. At that time all unassigned space will be released and revert back to the Hotel. Due to potential changes in the number of people, setups, times and dates, the Hotel reserves the right to assign all public space. Appropriate function space will be assigned to meet the Group's requirements as outlined above.

COMPLIMENTARY PUBLIC SPACE

Based upon the Group's anticipated Guest Room requirements and the number of scheduled Food and Beverage functions, the Hotel will waive the room rental for the meeting facilities as outlined in the above program.

International Neural Network Association

However, the Hotel reserves the right to assess a rental charge if the Group's Guest Room pickup falls below 75% of either the contracted Guest Room Block on the peak night or the overall total room nights contracted, or the Group cancels a major scheduled Food and Beverage function. This rental charge will be negotiated between the Hotel and the Group no later than 30 days prior to the convention if the pickup is in question of reaching 75% of the Guest Room Block, and will be assessed if the pickup is not met.

The Hotel will provide complimentary theatre seating for all meetings. For schoolroom or classroom style setups, a one-time \$2.00 per person labor charge will be applicable. This charge will also apply should there be a major change in the setup of a meeting room after it has been set.

CONVENTION SERVICES DEPARTMENT

One year in advance of the meeting, a professional Convention Services Manager will be assigned to the Group. This person will serve as your principal contact with the Hotel for all aspects of the meeting including menus, function space assignment, and act as the Group's liaison with the Hotel.

EXHIBIT SPACE

The Hotel has reserved the Pasadena Room for the Group for exhibits from 6:00 a.m. Sunday, March 17, 1991 until 12 Noon Friday, March 22, 1991. The current rental is 50 cents per net square foot, per show day, with a minimum of \$5,000.00 per show day. There is no charge for move in or move out based upon the Group's show schedule. The rate includes use of the net bare space, air conditioning, lighting and normal electrical power. Any special requests for labor or additional electrical or other requirements will be billed accordingly to the Group. The rate applicable to the Group will be confirmed in writing one year prior to the arrival date.

CONTRACT REVIEW

A copy of the proposed exhibitors' contract will be submitted to the Hotel for approval prior to its printing and distribution to ensure that exhibitors receive complete information and instructions regarding rules and regulations governing exhibits at the Hotel.

ELECTRICAL

All electrical equipment displayed in the Hotel must meet the requirements established by the Los Angeles City Code. Any equipment not meeting the established requirements must have prior written approval for exhibition by the Los Angeles Department of Building and Safety Electrical Division.

International Neural Network Association

EXHIBITS AND EXHIBITIONS

The following language shall be incorporated as part of the Group's exhibitor contract: "The Exhibitor assumes the entire responsibility and liability for losses, damages and claims arising out of injury or damages to displays, equipment and other property brought upon the Hotel premises, and shall indemnify, defend, and hold harmless the Hotel, its owners, affiliated companies, agents, servants and employees from any and all such losses, damages and claims."

DRAYAGE

The Hotel is not able to store display material and/or show merchandise prior to, nor at the conclusion of the show. At the conclusion of the Group's setup, all related equipment, crates, etc., shall be removed from the Hotel premises no later than the last day of the contracted dates. A charge will be assessed to the Group for removal of any exhibit items left on the Hotel premises after 12 Noon Friday, March 22, 1991.

DECORATOR

The Hotel will be pleased to acknowledge and cooperate with the Group's chosen decorator, or will recommend a decorator.

DAMAGE TO HOTEL PREMISES

The Group accepts responsibility and agrees to pay for any damage, other than normal wear and tear to the Hotel premises, caused by the Group members or suppliers hired directly by the Group.

BANQUETS

Listed below are the Hotel's current prices for various food functions. The Hotel will confirm prices to the Group no later than four (4) months prior to the arrival date.

Breakfast (Continental)	From \$ 8.00
Breakfast (American)	From \$11.25
Luncheon	From \$15.50
Dinner	From \$20.75

LIFE SAFETY SYSTEM

The Hotel is acknowledged as one of the most advanced facilities with respect to fire detection and control systems. All areas of the entire hotel complex are completely equipped with sprinklers, smoke, and heat detectors. The Control Room is monitored by both staff and computer 24 hours a day, and has direct communication with the Los Angeles Fire Department. Detailed information is available.

International Neural Network Association

WESTIN HOTELS' FAMILY PLAN

Children 18 years of age or younger stay free of charge when occupying the same room with their parents or guardians. If more than one room is required to accommodate a family, the single guest room rate will apply to each room occupied.

PROMOTION/ADVERTISING

The Group shall not use the name, trademark, symbol or other proprietary designation of the Hotel nor Westin Hotels and Resorts in any advertising or promotional material without the prior written approval of the Hotel.

INDEMNITY/HOLD HARMLESS

The Hotel hereby covenants and agrees to indemnify and hold harmless the Group from any losses, damages, claims, expenses, or liability, including costs of defense thereof, for any claims or damages for injury to persons or property resulting from the use of the Hotel, if such injury is due to the negligence or intentional misconduct of the Hotel.

The Group hereby covenants and agrees to indemnify and hold harmless the Hotel, Westin Hotel Company, affiliated and subsidiary companies and their employees against and from any losses, damages, claims, expenses or liability, including the costs of defense thereof, for any claims or damages for injury to persons or property resulting from the use of the Hotel, if such injury is due to the negligence or intentional misconduct of the Group.

OPTION DATE

As the final selection process will be completed by October 30, 1989, the Hotel will continue to hold the above listed guest rooms and public space on a tentative basis until the Option Date. If prior to the Option Date, another group requests these meeting dates and is willing to confirm on a definite basis, an earlier decision will be required.

CANCELLATION

The performance of this Agreement by either party is subject to Acts of God, war, disasters, civil disorder, curtailment of transportation facilities and labor disputes making it illegal, inadvisable or impossible to provide the facilities or the hold the convention. It is provided that this Agreement may be terminated without penalty for any one or more of such reasons by written notice from one party to the other at the earliest possible time.

International Neural Network Association

Should the Group terminate this Agreement after signature the Hotel will require liquidated damages based on the following scale:

<u>Date of Cancellation</u>	<u>Liquidated Damages</u>
More than 2 years from arrival date	5% of Total Room Revenue
2 years - 1 year from arrival date	15% of Total Room Revenue
1 year - 6 months from arrival date	25% of Total Room Revenue
Less than 6 months from arrival date	50% of Total Room Revenue

The rate used to calculate the actual damages will be the minimum single rack rate prevailing at the date of cancellation. Damages will be paid to the Hotel within thirty days of cancellation.

CONCLUSION

As terms of this Agreement meet with the Group's approval, sign and return both copies of this Agreement, indicating that all arrangements as outlined are definite and confirmed. One copy will be countersigned by the Hotel and returned.

ACCEPTED:

ACCEPTED:

Group

THE WESTIN BONAVENTURE, LOS ANGELES
Hotel

Authorized Signature

Authorized Signature

Name (Please Print)

Name (Please Print)

Title

Title

Date

Date

OMNI SHOREHAM HOTEL

July 6, 1989

Professor Bernard Widrow, President
INTERNATIONAL NEURAL NETWORK SOCIETY
Room 139 Durand Building
Stanford University
Stanford, CA 94305-4055

Dear Professor Widrow:

The following serves as a letter of agreement between INNS and the Omni Shoreham in Washington, D.C. All arrangements are being held on a tentative basis and require your signature on the enclosed copy of this letter before the commitment can be finalized.

GUEST ROOM ACCOMMODATIONS

Saturday, April 4, 1992	70 Rooms
Sunday, April 5, 1992	400 Rooms
Monday, April 6, 1992	700 Rooms
Tuesday, April 7, 1992	700 Rooms
Wednesday, April 8, 1992	700 Rooms
Thursday, April 9, 1992	650 Rooms
Friday, April 10, 1992	150 Rooms

If your assigned room block includes suites, the Omni Shoreham Suite Policy guidelines will be reviewed with you prior to your convention.

Please note our check-in/check-out times of 3:00 p.m. and 12:00 Noon, respectively.

GUEST ROOM RATES

The Omni Shoreham will confirm net rates one year prior to the indicated arrival date. 1990 rates for your meeting would be:

Single: \$135
Double: \$155

The Omni Shoreham guarantees that these rates will not increase by more than 10% per year.

All rates are subject to the prevailing taxes at the time of your meeting. The current taxes are 11% District of Columbia Sales Tax and \$1.50 per room, per night, District of Columbia Occupancy Tax.

INNS 1994
July 6, 1989
Page 2

These rates are commissionable to _____
at 10% of the actual room revenue

COMPLIMENTARY POLICY

We are pleased to provide one complimentary guest room for each fifty paid rooms occupied during your visit. A guest room or mini-suite is equivalent to one guest room, a superior one-bedroom suite is equivalent to two guest rooms, a deluxe one-bedroom suite is equivalent to three guest rooms, a deluxe two-bedroom suite is equivalent to four guest rooms, and a presidential suite is equivalent to five guest rooms. Also, six staff rooms will be provided at a special rate.

RESERVATION PROCEDURES

(Please indicate preferred method)

All reservation requests must be accompanied by a first night's deposit in the form of a check, money order or major credit card number, including the cardholder's signature and expiration date of the card.

The Omni Shoreham requests any rooming list, including V.I.P.'s, staff and speakers, by March 5, 1992. This list should indicate full names of guests, arrival dates, departure dates, pairings for shared rooms and method of payment. Requests for accommodations received by our Reservations Department after the above date will be accepted on a space available and a rate available basis.

The Omni Shoreham will be pleased to provide 2100 postage-paid return reservation envelopes at no charge. Additional supplies may be purchased at a nominal cost. Please let us know the number you will require one month prior to the time you need them.

These envelopes, which request all pertinent reservation information from your guests, should be returned to the Omni Shoreham by March 5, 1992. Reservation requests received after this date will be accepted on a space available and a rate available basis.

INNS 1994
July 6, 1989
Page 3

In the event that you will be printing your own reservation form for housing requests, the Omni Shoreham must review and approve the printed copy prior to its distribution to your prospective attendees. The Omni Shoreham can provide reservation form samples to assist you with developing a copy. There is a set of basic requirements, including payment methods, late arrival guarantees, and your reservation cut-off date of March 5, 1992, which must appear on your form. Of course, reservation requests after the cut-off date will be accepted on a space available and a rate available basis.

It is our understanding that some reservations will be telephoned directly to the Omni Shoreham Reservations Department. In order to receive the preferred rates for which you are contracting, telephone requests must identify their affiliation with INNS. Rates cannot be changed at check-in or check-out for guests who fail to identify their affiliation at the time the reservation is requested. Reservation requests received after March 5, 1992 will be accepted on a space available and a rate available basis. Requests must go directly to the Omni Shoreham at (202) 234-0700. Preferred rates and space in your block of rooms cannot be confirmed through any (800) toll-free service.

We also request that you place the Omni Shoreham on your mailing list for any correspondence that is sent out pertaining to this meeting so that we can be better informed of your meeting and organizational needs.

FUNCTION SPACE ARRANGEMENTS

Sunday, April 5, 1992

Several rooms for tutorials and office areas.

Monday, April 6, 1992 through 5pm Friday April 10, 1992

8am-5pm ALL SPACE HOLD (all meetings set theatre style)

INNS will be given first option on any space before it is sold to another group. This agreement will hold until nine months prior to the start of your meeting, at that time any unused space will revert back to the hotel for sale.

INNS 1994
July 6, 1989
Page 4

Meeting space will be held for your use on the "official" dates of your convention, beginning at 8:00 a.m. on the first day and ending at 5:00 p.m. on the last day as outlined in the contract and contingent upon the following conditions:
All daytime meeting space (8:00 a.m. - 5:00 p.m.) will be held until nine months prior to your convention, pending receipt of your daytime program outlining your actual needs.

The Blue Room will be released for the Hotel's use nightly at 5pm. the Regency Ballroom will be held for INNS use starting 8am-5pm Monday, April 6, 1992 through 5pm Friday, April 10, 1992.

Space will be allocated for pre- and post-convention meetings as needed and based on availability. However, you must advise us of your requirements at this time or the hotel can not assume responsibility for providing this space.

The INNS agrees to Hold Harmless Omni Hotels and the Omni Shoreham, et al, from any and all damages or destruction including theft or mysterious disappearance to any and all equipment owned by or leased to INNS.

Based on your anticipated guest room pick-up and the number of scheduled food and beverage functions there will be a no charge for the use of the above-noted function facilities. Function space rental is predicated on the overall estimated revenue for the requirements you have outlined. Increases in meeting room requirements of negative variances in guest room revenue or food and beverage revenue which exceed 15% of what is outlined above is reasonable cause for the reassessment of the function space terms of this agreement. Based on your guest room pick-up at the time of the reservation cut-off, the function space commitment is subject to review.

EXHIBIT SPACE

The Omni Shoreham has reserved the Exhibit Hall to accommodate up to 150 booths and posters. The following time frames and rental fees have been structured:

Move in 8am Sunday, April 5, 1992. Move out by 5pm Saturday, April 11, 1992. Rental will be established one year prior to your meeting.

INNS 1994
July 6, 1989
Page 5

Rental charges include exhibit space as outlined above, standard lighting, heating and ventilation. Rental charges do not include drayage, decoration, security services, labor or storage of display materials and show merchandise prior to and following scheduled exhibition.

Due to storage space limitations, display materials sent directly to the Omni Shoreham must be returned to the shipper. Storage space will be made available for conference materials only. Charges for the use of electrical power lines, spot lighting, water, etc., will be quoted upon request to our Director of Engineering Services.

The INNS agrees to Hold Harmless Omni Hotels and the Omni Shoreham, et al, from any and all damages or destruction including theft or mysterious disappearance to any and all equipment owned by, leased to or utilized by INNS or any of its exhibitors.

CONVENTION COORDINATION

Conventions at the Omni Shoreham are extremely successful due to the full time attention given by our Convention Service Managers. These managers will be responsible for maintaining an excellent rapport with the Meeting Planner and will assist him in coordinating all arrangements made with the hotel. This kind of service and cooperation assures a smooth running, successful convention. The entire job of our Convention Services Managers during your stay will be to tend to your every need.

AUDIO VISUAL

We commend Swank, Inc. as your official Audio Visual Representative.

Contact:

Rodney West
Regional Manager
2500 Calvert St, NW
Washington, DC 20008
(202) 332-8188

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July 6, 1989
Page 6

EXHIBITS/DECORATORS

We recommend Andrews Bartlett and Associates as your official Show Service Representative.

Contact:

Mark Salesses
Sales Manager
8430 Terminal Road
Lorton, VA 22079
(703) 550-8503

CATERING

Whether serving 10 guests in an intimate dining atmosphere or 1,700 in our grand Regency Ballroom, our professional catering staff has some exciting ideas in store for you . . . ask them about our special theme parties.

PUBLIC RELATIONS

Our Public Relations Department publishes a monthly calendar of events highlighting the newsworthy aspects of your meeting or convention. This is distributed to 75 key contacts of the Washington based national and area media including wire services, New York Times, Time, Newsweek, network television news bureaus and trade publication sources. Deadline for information to be included is two weeks in advance of the month of your meeting.

More extensive public relations services can be arranged, if desired, through our public relations consultant, Arnold Fine & Associates at (202) 462-8775.

SIGNS, BANNERS AND DISPLAYS

No signs, banners and displays shall be erected or displayed in any part of the hotel without the approval of the Convention Service Manager. It is further agreed that no sign, banner or display shall be affixed to any part of the hotel. The hotel will be happy to provide easels for this purpose.

INNS 1994
July 6, 1989
Page 7

FOOD AND BEVERAGE

Because of our legal liability for all food and beverage served on our premises as well as licensing restrictions, our policy requires that only Omni purchased food and beverages be served on the hotel property. Being accountable for food and beverage origins, conditions and transportation, we will make every effort to meet our responsibilities in the protection of their health and safety.

OMNI SUCCESSFUL MEETING GUARANTEE

At the Omni Shoreham, we not only do our best to make your meeting smooth running and trouble free . . . we guarantee it. Of course, we want the chance to put things right first. But if we fail to satisfy your needs, we will adjust your bill accordingly! That's our Successful Meeting Guarantee -- an Omni tradition for over 15 years.

CREDIT AND BILLING ARRANGEMENTS

By 30 days prior to arrival, the Omni Shoreham must receive a detailed set of billing instructions on INNS letterhead. Instructions must include: (1) the name and address of the person responsible for payment of the master account, (2) the names of additional people authorized to sign master account charges, and (3) a list of charges which you expect to be posted to the master account, including any specified guest rooms or individual incidental charges. Unless otherwise indicated, it is assumed that individual guests will be responsible for their own guest room and incidental charges.

Since we do not have an established line of credit for you at the Omni Shoreham, we require the completion of the enclosed credit application form. This form should be completed in full and returned with the signed contract.

In the event that the Credit Application is declined for any reason, 50% of the estimated master account is due 30 days prior to arrival. The final balance is due by Certified Check no later than 48 hours prior to check-in.

Payment of the master account is due within 30 days of your receipt of the reconciled bill.

INNS 1994
July 6, 1989
Page 8

CANCELLATION

This agreement will bind INNS and the Omni Shoreham to the preceding terms. It is provided that there shall be no right of termination for the sole purpose of holding the same or reasonably similar function in another hotel or in another city. Should cancellation occur, INNS will be responsible to pay for the unsold portion of the peak night's room revenue. Reasonable causes for termination include: acts of God, war, government regulation, disaster, strikes, civil disorder, curtailment of transportation facilities, other emergencies as mutually agreed.

Any controversy or claim pertaining to the cancellation of this contract, which cannot be acceptably negotiated by both parties, shall be settled by arbitration in accordance with the rules of the American Arbitration Association. Judgement upon the award rendered by the arbitration may be entered in any court having jurisdiction thereof.

INNS 1994
July 6, 1989
Page 9

OPTION

We will hold these dates until August 15, 1989 at which time we will need a signed copy of this agreement from you verifying your confirmation. The Omni Shoreham further agrees that acceptance of these dates in lieu of the September 90/January 92 dates totally releases INNS from any financial obligation to the Omni Shoreham for cancelling the September 91 dates currently booked definite.

We look forward to the privilege of hosting the INNS in 1992. Please do not hesitate to provide any further information or to pose any questions which may help us to serve you better.

Sincerely,
for THE SHOREHAM HOTEL LIMITED PARTNERSHIP
dba Omni Shoreham Hotel
By Omni Hotels Management Corporation, its Agent



Philip Hollywood
Senior Sales Manager

I hereby accept the above stated terms and conditions, and further warrant I have the authority to sign on behalf of INNS:

Name

Title

Date

TELETYPE

Destinataires :

Bernard WIDROW

(19) 1 415 723 84 73

 IMMÉDIAT URGENT ROUTINE

Origine :

Service	DSE/DILS/SIA
Rédacteur	B. ANGENIOL
N° Téléphone	(33).1.40.84.42.39
N° Télécopie	(33).1.40.84.46.96
Référence	DSE/SILS/SIA - 173/89
Date	August 9th, 1989

Objet :

*From Bernard Angeniol
to B. Widrow*

Dear Bernard,

After long negotiations with T.Kohonen, he finally accepted to be the chairman of the Program Committee. Moreover, he accepted the suggestions I made for the Program Committee and the Chair Committee. It is time now to proceed and to invite people to be members of the program committee or to chair or co-chair a session.

I will do the job for all the European people, except perhaps for V.I. Kryukow (USSR) whom I do not know (I don't have his phone or fax numbers). I will call Yan Le Cun.

I would like you to contact the American people and also the two Japanese (Fukushima and Amari) whom you know better than I do.

It has to be clear that the travel expenses (trip only) of these people will be reimbursed, but that to be chairman or co-chairman of a Session implies to have to review and accept the papers (or to have them reviewed by somebody else). I join a list of people you have to contact to avoid any misunderstanding.

.../...

09/08/89

DSE/DILS/SIA - 173/89

P.2/3



The five people it is very urgent to contact are :

- . L. COOPER (To be member of the Program Committee and to chair or co-chair a session in the Commercial part).
- . C. VON DER MALSBERG (Program Committee Implementation chair).
- . D. RUMELHART (Program Committee Implementation chair).
- . T. SEJNOWSKI (Program Committee Applications chair).
- . S.I. AMARI (Program Committee Theory chair).

since the Program Committee has to be publicized very soon.

The next people to contact are the following :

- . F. FUKUSHIMA (Applications chair)
- . J. HINTON (Applications chair)
- . C. MEAD (Implementation chair)
- . D. PSALTIS (Implementation chair)
- . V.I. KRYUKOV (Implementation chair)
- . S. GROSSBERG (Theory chair)
- . J. ANDERSON (Theory chair)
- . J. HOPFIELD (Theory chair)
- . C. ELBAUM (Commercial chair)
- . L. JACKEL (Commercial chair)
- . R. HECHT-NIELSEN (Commercial chair)

Please, let me know, as regulary as possible, the names of those who have accepted and those who refused.



I agree that J. BARHEN and P. BALDI can chair or co-chair a session but I suggest to use them as substitutes to the ones who will not accept.

I will contact all the European people (unfortunately, many of them are on holidays), and will keep you informed of the results.

Good luck,



Bernard

P.S. : 1 - T. KOHONEN asked that I. ALEKSANDER be a member of the Program Committee. There is no problem for me.

2 - M. DENECHERE is preparing a new contract (draft 11 ?) taking into account your remarks, and I will send it to you later.

Michel

005
5

Section 4. The IOC shall oversee all IJCNN's in order to assure adherence to the policies & procedures of the organization which they represent. This includes, but is not limited to, assuring that audits are performed on conferences that are acceptable to both Societies.

Section 5. The IOC shall have the power to present to the Societies proposals for other IJCNN's. This includes proposals for participation of other organizations as IJCNN sponsors and their corresponding program and financial commitments.

Section 6. Items raised by the IOC that are not covered in the constitution or by-laws of the IOC shall be brought before the INNS and NNC by the respective IOC officers. /r

ARTICLE IV

SOCIETY RESPONSIBILITIES

Section 1. In matters dealing with jointly sponsored conferences, each Society will abide by all of the documents listed in Article I, Section I of the Constitution.

Section 2. The lead Society shall appoint an organizing committee, consisting of general chair, program chair and finance chair. The vice chairs of the program and finance committees shall be appointed by the other Society. /for ...

Section 3. Both Societies may organize and operate membership booths in conjunction with registration. Society publications may be sold at these booths.

Section 4. Proceedings of all IJCNN's will be sold to members of both Societies at the same price. The conference committee shall approach the IEEE book broker to establish a mechanism for post-conference sales. The lead Society will be responsible for post conference sales of proceedings. Copyrights to the conference proceedings will be controlled by the lead Society. ?

ARTICLE V

CONFERENCE REQUIREMENTS

Section 1. In all matters, the conference organizing committee will abide by all documents listed in Article I, Section I of the Constitution.

Section 2. Except for those giving tutorials, speakers will not be compensated for their presentations. Plenary speakers may have their travel expenses paid by the conference. Session chairs will not normally be compensated for their travel expenses.

Section 3. All expenses associated with the conference will be included in a conference budget which is to be approved by both Societies. Enforcement of the conference budget is the responsibility of the of the conference committee. /organization ? ? ?

Section 4. A preliminary internal audit will be presented to the IOC and both Societies not more than ninety days after the close of the conference. An external audit by a mutually agreed upon auditing firm is due 180 days after the close of the conference. Copies of this audit are to be presented to the IOC and the Societies. If there is an excess of funds, they shall be distributed evenly between the two Societies by the conference finance chair.

DRAFT

CONSTITUTION OF THE IJCNN

OVERSIGHT COMMITTEE

ARTICLE I - Name and Objectives

Section 1. The name of this organization shall be the *International Joint Conference on Neural Networks Oversight Committee* (hereinafter IOC). The IOC shall be governed in accordance* to , the the Constitution and Bylaws of the Institute of Electrical and Electronics Engineers (IEEE), and the Constitution, Bylaws and the Charter of the IEEE Neural Networks Committee (NNC) (?some INNS reference here?).

Section 2. The objective of the IOC shall be initiation and oversight of the *International Joint Conferences on Neural Networks* (IJCNN's). The IOC shall ~~has~~ ^{have} as its objective the advancement of the theory and practice of Neural Network engineering and science.

ARTICLE II - Membership

Section 1. The IOC shall consist of not more than five representatives each from the *IEEE Neural Networks Committee* (NNC) and the *International Neural Networks Society* (INNS) (These two organizations will hereinafter collectively be referred to as "the Societies".) Each of the ten appointees will be a voting member of the IOC.

Section 2. The Chair of the *IEEE Neural Networks Committee* and the President of the *International Neural Networks Society* will serve as *ex officio* members of the IOC.

ARTICLE III - Management and Officers

Section 1. The officers of the IOC shall be the IOC Chair and Chairman Elect. The officers shall serve for two calendar years, one year as Chairman elect and one year as Chair. The IOC will be Chaired in odd years by an NNC appointee to the IOC and will be Chaired in even years by an INNS appointee.

Section 2. If an officer must be absent from a meeting, he/she will designate a temporary *pro tem* replacement who is a representative of the same society. The replacement must be an IOC member.

Section 3. The Chairman Elect shall serve as secretary at IOC meetings.

ARTICLE IV - Powers, Privileges & Duties

* what are the appropriate INNS documents here??

Section 1. It shall be the duty of each IOC member to participate in matters placed before IOC.

Section 2. The Chair and Chairman elect shall report to their respective Societies matters concerning IOC activities.

Section 3. The IOC shall monitor IJCNN activities to assure adherence to the regulations in this document, the accompanying bylaws and those referenced in Article 1, Paragraph 1.

Section 4. The IOC shall be responsible for recommendation to the Societies locations and times for IJCNN's, including hotel and conference facilities. *fm*

Section 5. The IOC shall recommend to the Societies which Society shall hold primary responsibility for each IJCNN. *fm*

Section 6. All motions placed before the IOC must be approved by a majority vote of the NNC appointees to the IOC and a separate majority vote of the INNS appointees to the IOC. If either the NNC or INNS vote does not receive a majority vote of their respective IOC appointees, the motion is defeated.

ARTICLE IV - Amendments and Agreement Termination *fm*

Section 1. Amendments to this Constitution must be approved by both Societies.

Section 2. This agreement can be canceled upon written notification of either Society to the President or Chair of the other Society. *R*

4

PROPOSED BYLAWS FOR THE IOC

Amendments or additions to these bylaws may be made by means of the procedures described in Article IV, Section 1, of the Constitution.

1/27

ARTICLE I

RULES OF ORDER

Section 1. In all matters not covered by the Constitution, By-Laws, and Rules, the IOC shall be governed by the latest edition of Robert's Rules of Order.

ARTICLE II

IOC MEETINGS

Section 1. The Chairman shall announce to the members of the IOC all meetings of the IOC at least twenty days in advance of the meeting or by first class mail at least twenty-five days in advance of the meeting.

Section 2. The Chairman elect shall record the attendance and take minutes.

Section 3. Meetings of the IOC may be cancelled only by consent of a majority of all the members of the IOC not less than fourteen days before the original date or the new date set for the meeting, whichever is earlier. Notice of such cancellation or changed date shall be given to all IOC members by mail not less than ten days before the original or the new date, whichever is earlier.

not yet defined

ARTICLE III

IOC RESPONSIBILITIES

Section 1. The IOC shall recommend at least two IJCNN conferences each calendar year. One conference will be held in February of each year. The primary responsibility for this conference will be that of the INNS. A second IJCNN will be held in July of each year. The NNC will have responsibility for the July meeting.

per/in

Section 2. The IOC shall act on behalf of the Societies to reserve these facilities if such reservations require no financial obligation. The IOC shall have the power to establish procedures whereby proposals from potential conference locations can be considered.

costly - history!

Section 3. In order to assure separation of the conference organizing committee from the IOC, the appointment of IOC members to current and future conference organizing committees is prohibited. The conference organizing committee includes the conference Chair, Program Chair, Finance Chair, Publicity Chair, Local Arrangements Chair, and, in general, all conference positions above a session Chairman. An IOC member can only serve as on the organizing committee if approved by the IOC and both Societies.

3

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ARTICLE IV - Amendments and Agreement Termination *fm*

Section 1. Amendments to this Constitution must be approved by both Societies.

Section 2. This agreement can be canceled upon written notification of either Society to the President or Chair of the other Society. *fm*

OCT 09 '89 17:02 THOMAS KAILATH

P.2/3

Dear Philip:

~~Re: forwarding to you for ^{answering} ~~review~~ ^{request}~~

I can report progress on getting approval of the contract. I have received 5 ~~affirmative~~ responses from the ten-member Oversight Committee and they are all affirmative. I am expecting to get some more responses, and I just found out that I will need to get approval from ten individual IEEE Societies. I am trying to expedite the process. How quickly do you need the response?

Bernie Widrow

OCT 09 '89 17:02 THOMAS KAILATH

P.3/3

OMNI SHOREHAM HOTEL

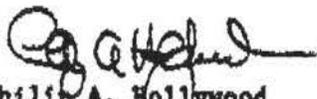
October 09, 1989

Mr. Bernard Widrow
STANFORD UNIVERSITY
INFORMATION SYSTEMS LABORATORY
Durand 139
Stanford CA 94305-4055

FAX: 415-723-8473

URGENTLY NEED STATUS ON YOUR ACCEPTANCE OF 1992 DATES RELEASING INNS FROM
ANY OTHER FINANCIAL OBLIGATIONS AT OMNI SHOREHAM HOTEL.

Cordially,



Philip A. Hollywood
Senior Sales Manager

PAH/kd
A1523



COLLEGE OF ENGINEERING
ELECTRICAL ENGINEERING DEPARTMENT

UNIVERSITY OF MARYLAND
COLLEGE PARK, MARYLAND 20742

FACSIMILE (FAX) MESSAGE

Please Deliver the Following Pages

TO:

Name: R. MARKS

Address: EE Dept., U. of Wash.
Seattle, WA

Fax Phone No. 206 543-3842

FROM:

Name: R. Newcomb

Subject: Response to 10/9/89 letter

Date FAX'd: 10/10/89

Number of Pages: 2

Sending Fax Number: (301) 454-1837



NEURAL NETWORKS



Robert J. Marks II, Chairman
IEEE Neural Networks Committee
UNIVERSITY OF WASHINGTON, FT-10
DEPT. OF ELECTRICAL ENGINEERING
SEATTLE, WASHINGTON 98195 USA
(206) 543-6990; FAX (206) 543-3842
marks@blake.acs.washington.edu

10-9-89

Dr. Robert W. Newcomb, Chairman
IJCNN Oversight Committee
Mirosystems Laboratory
Electrical Engineering Dept.
University of Maryland
College Park, MD
FAX (301) 454-1837
301-454-6869

Dr. Bernard Widrow, President
INNS
Information Systems Laboratory
Durand 139
Stanford University
Stanford, CA 94305-4055
FAX (415) 723-8473

Dear Bernie and Bob:

Two items:

I can't reschedule - all arrangements made & tickets bought (non-refundable)
10/10/89
R.W.N.

- ◆ Although NIPS starts on a Monday, it's only the registration. The technical program starts on Tuesday. I will leave it to you if our meetings should be rescheduled. If so, we should do things soon.
- ◆ I would like to have a conference call on Thursday at 12:30 PM west coast time. If you can't be available then, please let me know ASAP. Our purpose is to craft the IOC Constitution and talk about possible meeting change time.

seems ok

Sincerely,

Robert J. Marks II, Chair
IEEE Neural Networks Committee

THERE IS BUT ONE PAGE IN THIS FAX TRANSMISSION.

THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.

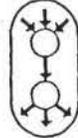
BOB, IT LOOKS FINE
HERE ARE SUGGESTIONS

HERB



NEURAL NETWORKS

HERBERT E. RAUCH
Lockheed 92-20/254 E
3251 Hanover Street
Palo Alto, CA 94303 USA



Robert J. Marks II, Chairman
IEEE Neural Networks Committee
UNIVERSITY OF WASHINGTON, FT-10
DEPT. OF ELECTRICAL ENGINEERING
SEATTLE, WASHINGTON 98195 USA
(206) 543-6990: FAX (206) 543-3842
marks@blake.acs.washington.edu

10-2-89

Dr. Robert W. Newcomb, Chairman
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Mirosystems Laboratory
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301-454-6869

Dr. Bernard Widrow, President
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Durand 139
Stanford University
Stanford, CA 94305-4055
FAX (415) 723-8473

Dear Bernie and Bob:

Attached is my effort at a first draft of a constitution for the IJCNN Oversight Committee (IOC). I suggest that

- ◆ We each review the draft and make changes we feel appropriate.
- ◆ FAX copies of the proposed changes to each other.
- ◆ Talk to each other on a conference call to agree on a draft to put before the IOC. I will coordinate the call.

The IOC can then choose to propose it to the NNC and INNS.

Sincerely,

Robert J. Marks II, Chair
IEEE Neural Networks Committee

cc: NNC Executive Committee

THERE ARE FIVE PAGES IN THIS FAX TRANSMISSION.
AN ORIGINAL COPY IS BEING SENT TO YOU BY SURFACE MAIL

THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.

DRAFT

CONSTITUTION OF ~~THE IJCNN~~ OVERSIGHT COMMITTEE OF THE IJCNN

ARTICLE I - Name and Objectives

Section 1. The name of this organization shall be the International Joint Conference on Neural Networks Oversight Committee (hereinafter IOC). The IOC shall be governed in accordance* to , the the Constitution and Bylaws of the Institute of Electrical and Electronics Engineers (IEEE), and the Constitution, Bylaws and the Charter of the IEEE Neural Networks Committee (NNC) (?some INNS reference here?).

Oversight Committee of the

Section 2. The objective of the IOC shall be initiation and oversight of ^{each} the International Joint Conferences on Neural Networks (IJCNN's). The IOC shall ~~has~~ as its objective the advancement of the theory and practice of Neural Network engineering and science.

concomitant

have

ARTICLE II - Membership

Section 1. The IOC shall consist of not more than five representatives each from the IEEE Neural Networks Committee (NNC) and the International Neural Networks Society (INNS) (These two organizations will hereinafter collectively be referred to as "the Societies".) Each of the ten appointees will be a voting member of the IOC.

not more than five representatives from

Section 2. The Chair of the IEEE Neural Networks Committee and the President of the International Neural Networks Society will serve as *ex officio* members of the IOC.

These two *ex officio* members (will will not) be voting members of the IOC.

ARTICLE III - Management and Officers

Section 1. The officers of the IOC shall be the IOC Chair and Chairman-Elect. The two officers shall serve for two calendar years, one year as Chairman-Elect and one year as Chair. The IOC will be Chaired in odd years by an NNC appointee to the IOC and will be Chaired in even years by an INNS appointee.

the IOC hyp

Section 2. If an officer must be absent from a meeting, he/she will designate a temporary *pro tem* replacement who is a representative of the same society. The replacement must be an IOC member.

and each officer shall serve

Section 3. The Chairman-Elect shall serve as secretary at IOC meetings.

that office

The Chair shall serve as chairman of the IOC meetings.

ARTICLE IV - Powers, Priviledges & Duties

* what are the appropriate INNS documents here??

NOTE YOU SHOULD BE CONSISTENT IN CHAIR and CHAIRMAN-ELECT

~~under sections 2 and 3 should be revised~~

OKAY

Section 1. It shall be the duty of each IOC member to participate in matters placed before IOC.

Section 2. The Chair and Chairman^E-elect shall report to their respective Societies matters concerning IOC activities.

Section 3. The IOC shall monitor IJCNN activities to assure adherence to the regulations in this document, the accompanying bylaws and those referenced in Article 1, Paragraph 1.

Section 4. The IOC shall be responsible for recommendation to the Societies locations and times for IJCNN's, including hotel and conference facilities.

Section 5. The IOC shall recommend to the Societies which Society shall hold primary responsibility for each IJCNN.

Section 6. All motions placed before the IOC must be approved by a majority vote of the NNC appointees to the IOC and a separate majority vote of the INNS appointees to the IOC. If either the NNC or INNS vote does not receive a majority vote of their respective IOC appointees, the motion is defeated.

ARTICLE IV - Amendments and Agreement Termination

Section 1. Amendments to this Constitution must be approved by both Societies.

Section 2. This agreement can be canceled upon written notification of either Society to the President or Chair of the other Society.

PROPOSED BYLAWS FOR THE IOC

Amendments or additions to these bylaws may be made by means o described in Article IV, Section 1, of the Constitution.

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ARTICLE III

IOC RESPONSIBILITIES

Section 1. The IOC shall recomend at least two IJCNN conferences ea year. One conference will be held in February of each year. The primary re for this conference will be that of the INNS. A second IJCNN will be held in . year. The NNC will have responsibility for the July meeting.

Section 2. The IOC shall act on behalf of the Societies to reserve the~~se~~ such reservations require no financial obligation. The IOC shall have th establish procedures whereby proposals from potential conference locatic considered.

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Section 5. The IOC shall have the power to present to the Societies proposals for other IJCNN's. This includes proposals for participation of other organizations as IJCNN ~~sponsors~~ and their corresponding program and financial commitments. sponsors of

Section 6. Items raised by the IOC that are not covered in the constitution or by-laws of the IOC shall be brought before the INNS and NNC by the respective IOC officers.

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SOCIETY RESPONSIBILITIES

Section 1. In matters dealing with jointly sponsored conferences, each Society will abide by all of the documents listed in Article I, Section I of the Constitution.

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Section 3. Both Societies may organize and operate membership booths in conjunction with registration. Society publications may be sold at these booths.

Section 4. Proceedings of all IJCNN's will be sold to members of both Societies at the same price. The conference committee shall approach the IEEE book broker to establish a mechanism for post-conference sales. The lead Society will be responsible for post conference sales of proceedings. Copyrights to the conference proceedings will be controlled by the lead Society.

ARTICLE V

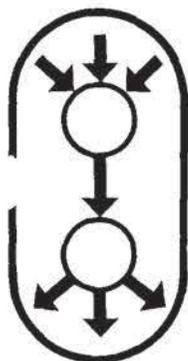
CONFERENCE REQUIREMENTS

Section 1. In all matters, the conference organizing committee will abide by all documents listed in Article I, Section I of the Constitution.

Section 2. Except for those giving tutorials, speakers will not be compensated for their presentations. Plenary speakers may have their travel expenses paid by the conference. Session chairs will not normally be compensated for their travel expenses.

Section 3. All expenses associated with the conference will be included in a conference budget which is to be approved by both Societies. Enforcement of the conference budget is the responsibility of the of the conference committee.

Section 4. A preliminary internal audit will be presented to the IOC and both Societies not more than ninety days after the close of the conference. An external audit by a mutually agreed upon auditing firm is due 180 days after the close of the conference. Copies of this audit are to be presented to the IOC and the Societies. If there is an excess of funds, they shall be distributed evenly between the two Societies by the conference finance chair.



NEURAL NETWORKS

CALL FOR PAPERS

IEEE International Conference on Neural Networks

June 19-22, 1989

Washington, D. C.

The 1989 IEEE International Conference on Neural Networks (ICNN-89) will be held at the Sheraton Washington Hotel in Washington, D.C., USA from June 19-22, 1989. ICNN-89 is the third annual conference in a series devoted to the technology of neurocomputing in its academic, industrial, commercial, consumer, and biomedical engineering aspects. The series is sponsored by the IEEE Technical Activities Board Neural Network Committee, created in Spring 1988. ICNN-87 and 88 were huge successes, both in terms of large attendance and high quality of the technical presentations. ICNN-89 continues this tradition. It will be, by far, the largest and most important neural network meeting of 1989. As in the past, the full text of the papers presented orally in the technical sessions will be published in the Conference Proceedings (along with some particularly outstanding papers from the Poster Sessions). The Abstract portions of all poster papers not published in full will also be published in the Proceedings. The Conference Proceedings will be distributed *at the registration desk* to all regular conference registrants as well as to all student registrants. This gives conference participants the full text of every paper presented in each technical session -- which greatly increases the value of the conference. ICNN is the only major neural network conference in the world to offer this feature. As is now a tradition, ICNN-89 will include a day of tutorials (June 18), the exhibit hall (the neurocomputing industry's primary annual trade show), plenary talks, and social events. Mark your calendar today and plan to attend IEEE ICNN-89 -- the definitive annual progress report on the neurocomputing revolution!

Deadline for submission of papers for ICNN-89 is February 1, 1989. Papers of 8 pages or less are solicited in the following areas:

- Real World Applications
- Neural Network Theory & Architectures
- Supervised Learning Theory
- Reinforcement Learning Theory
- Robotics and Control
- Optical Neurocomputers
- Optimization
- Associative Memory
- Image Processing
- Self-Organization
- Neurobiological Models
- Vision
- Electronic Neurocomputers

Papers should be prepared in standard IEEE Conference Proceedings Format, and typed on the special forms provided in the Author's Kit. The Title, Author Name, Affiliation, and Abstract portions of the first page of the paper must be less than a half page in length. Indicate in your cover letter which of the above subject areas you wish your paper included in and whether you wish your paper to be considered for oral presentation, presentation as a poster, or both. For papers with multiple authors, indicate the name and address of the author to whom correspondence should be sent. Papers submitted for oral presentation may, at the referees' discretion, be designated for poster presentation instead, if they feel this would be more appropriate. **FULL PAPERS** in camera-ready form (1 original and 5 copies) should be submitted to Nomi Feldman, Conference Coordinator, at the address below. For more details, or to request your IEEE Author's Kit, call or write:

Nomi Feldman,
ICNN-89 Conference Coordinator
3770 Tansy Street
San Diego, CA 92121
(619) 453-6222

1.8) Neither this Agreement, nor any rights of either party hereunder may be assigned or transferred in any way by either party without the prior written consent of the others.

ARTICLE 2: RESPONSIBLES

Three committees will be designated to ensure the efficiency of the Conference.

A Program Committee will be formed before June 15 1989, which will be in charge of centralizing and validating all documents, presentations (orals and posters), and the technical program.

The Program Committee shall be comprised of nine people, three groups, of equal numbers selected by INNS, IEEE, and TH-SA. The Chair will be appointed by IEEE or INNS.

A Finance Committee will be formed before December 31, 1989, which will be in charge of auditing all Conference consequent costs at its term.

The Finance Committee shall have three members, chosen by three Parties. The Chair will be a person of TH-SA.

The IJCNN-90-PARIS Oversight Committee, which will be in charge of supervising all actions, and controlling the performance of the Conference.

It shall be comprised of the 10-person IEEE/INNS IJCNN Oversight Committee, plus 5 persons selected by TH-SA.

The General Co-Chairs shall be Bernard Widrow of INNS, and Bernard Angeniol of TH-SA.

ARTICLE 3: FINANCIAL

3.1) In accordance with the terms of the paragraph 1.1.b) each INNS and IEEE will committ \$ 10.000

3.2) In accordance with the terms of the paragraph 1.2.c) TH-SA will committ \$ 50.000 plus its financial participation as sponsor.

3.3) In case of profit, TH-SA will undertake, within two months following the end of the Conference, to allocate 14% of the profit to INNS, and 14% of the profit to IEEE, with a maximum allocation of \$ 15 000 to INNS and \$ 15 000 for IEEE.

Profit is the difference between incomes (such as registration fees, tutorial fees, exhibitors fees, sales of proceedings) and expenses (such as publication of proceedings, conference space costs, booths, advertising, mailings other than paragraph 1.1.a, conference management, cocktail reception etc).

Any others financial sponsoring, obtained by the conference management company according to the terms of the paragraph 1.4., won't be considered as income, and travel costs advanced by the Parties won't be considered either as income or as expenses.

The conference management company will maintain separate bank accounts for the Conference and will maintain financial records so that they may be audited by IEEE, INNS and TH-SA.

3.4) In case of deficit, the INNS, IEEE and TH-SA allocations will be lost.

ARTICLE 4 : FUNDING SCHEDULE

The INNS and IEEE financial participation, according to the terms of the paragraph 1.1.b), will be paid on January 1, 1990.

ARTICLE 5 : TERM OF AGREEMENT

This Agreement shall commence on the date of its signature by Parties (INNS, IEEE and TH-SA), and shall terminate at the latest, two months from the end of the Conference, except the terms of the paragraph 1.1 c), which will survive beyond the term of this Agreement.

ARTICLE 6 : DATE OF THE CONFERENCE

The duration of the Conference is fixed for 5 days, foreseen from July 9 to 13, 1990.

ARTICLE 7 : ALTERATION

This Agreement cannot be altered, changed, supplemented or amended, except by written instrument, or instrument signed by Parties.

ARTICLE 8 : FORCE MAJEURE

None of the Parties will be liable for any delay or failure to perform, caused by act of the enemy, acts or regulations or decrees of any Government (de facto or de jure), the elements, act of God, earthquakes, floods, fires, riots, war, shipwreck, strikes, terrorism acts, freight embargoes, lockouts, work stoppages, unusually severe weather or other similar causes above and beyond the reasonable control of such Party; provided that such Party so affected shall give prompt notice to the other Parties, use its good faith efforts to avoid or remove such causes and continue performance hereunder with the utmost dispatch whenever such causes are removed or settled.

ARTICLE 9 : CORRESPONDENTS

All written notices and other communications shall be sent to the following correspondents:

For INNS: Professor Bernard Widrow (for all administration communications)
Durand Building, Room 139
Stanford University
Stanford, CA, U.S.A 94305-4055
Tel: 415-723-4949 Fax: 415-723-8473

For IEEE: Professor Robert J. Marks II
Department of Electrical Engineering
University of Washington
Mail Stop ST 10
Seattle, WA, U.S.A 98195
Tel: 206-543-6990 Fax: 206-543-3842

For TH-SA: Dr. B. ANGENIOL
THOMSON-CSF/DSE
BP 150
92223 BAGNEUX Cedex- France
Tel: 40-84-42-39 Fax: 40-84-46-96

ARTICLE 10 : APPLICABLE LAW

The Parties agree that the French laws shall govern this Agreement and the performance hereunder.

Any invalidity, in whole or in part, of any provision of the Agreement shall not effect the validity of any other of its provisions.

All disputes arising out or in connection with this Agreement including its validity, interpretation, application, performance, termination or otherwise shall be settled by arbitration, according to the rules of conciliation and arbitration of the International Chamber of Commerce in PARIS, France.

ARTICLE 11 : GENERAL

11.1) The headings of the articles, used in this Agreement are included for convenience only and are not to be used in construing or interpreting this Agreement

11.2) The failure of either Party to insist, in any one or more instances, upon performance of any of the terms, covenants or conditions of this Agreement or to exercise any right hereunder, shall not be construed as a waiver or relinquishment of the future performance of any such term, covenant or condition or the exercise of such right, and the obligation of the other Party with respect to such future performance shall continue in full force and effect.

IN WITNESS WHEREOF, the Parties hereto have caused this Agreement to be executed on the respective dates written below, in duplicate by their respective officers thereunto duly authorized.

INNS

IEEE

TH-SA

By B. Widrow

By R.J Marks II

By E. Spitz

Date.....

Date.....

Date.....

FAX TRANSMISSION

TO: Dr. Robert Marks II
NAME

Inter-Active Systems Design Lab.
COMPANY/LOCATION

206-543-3842
FAX NUMBER

FROM: Roxanne Flick
NAME

SHERATON HARBOR ISLAND HOTEL 619/619-692-2200

OUR FAX NUMBER IS 619/294-3279

TOTAL NUMBER OF PAGES INCLUDING COVER PAGE: 8

DATE: 2/16/89 TIME: _____

PLEASE VERIFY RECEIPT OF TRANSMISSION BY FAXING CONFIRMATION

ANY PROBLEMS, PLEASE CALL Melanie AT (619) 692-2200

Sheraton East on Harbor Island
1380 Harbor Island Drive
San Diego, CA 92101

Sheraton Grand on Harbor Island
1590 Harbor Island Drive
San Diego, CA 92101

(619) 692-2200

February 16, 1989

CONTRACT

MEETING MANAGEMENT
INTERNATIONAL CONFERENCE ON NEURAL NETWORKS
3770 Tansy Street
San Diego, CA 92121
Nomi Feldman
(619) 453-6222

GUEST ROOM ACCOMMODATIONS

We are presently holding the following blocks of rooms for your use during July/August of 1990:

SHERATON EAST ON HARBOR ISLAND

DAY	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI
DATE	7/26	7/27	7/28	7/29	7/30	7/31	8/1	8/2	8/3
ROOMS	30	400	600	600	600	600	400	60	30

SHERATON GRAND ON HARBOR ISLAND

DAY	FRI	SAT	SUN	MON	TUE	WED	THU	FRI
DATE	7/27	7/28	7/29	7/30	7/31	8/1	8/2	8/3
ROOMS	75	100	100	100	100	75	10	10

OPTION DATE

We will hold the above room block until April 1, 1989 at which time we will need a signed copy of the contract letter verifying confirmation. If confirmation has not been received by this time, the Sheratons on Harbor Island reserves the right to release these dates for sale. In the event we have a definite request for your dates prior to your option date, we will contact you for a decision which must be made within 72 hours.

GUEST ROOM RATES

We are pleased to confirm the following room rates for your convention:

\$120.00 single or double accommodations

Currently, an 9% Occupancy Tax is applicable (subject to change without notice). All rates are commissionable at 10%.

The above convention rates will apply 3-days prior and 3-days after your convention dates. Our Reservations Department will acknowledge each request on an individual basis.

CHECK IN - CHECK OUT TIMES

Check in time for all groups is 3:00 P.M. Groups may be checked in earlier depending on occupancy levels and availability of "ready" rooms. The hotel would appreciate receiving flight arrival times for your group, if available.

Check out time is 12:00 Noon. Late check out times are also available depending on expected occupancy levels on your group's check out day.

COMPLIMENTARY ROOMS

The Sheraton Hotels on Harbor Island agree to compliment one single standard accommodation per 50 accommodation nights actually realized and paid per night. The total number of complimentary accommodations accrued by the Group will be calculated and credited to the Master Account upon completion of the conference at the groups average rate. The Sheraton Hotels on Harbor Island will not assume any responsibility in the assigning of roommates.

SHERATON HARBOR ISLAND

VIP Parlor 1 Bedroom	4	Complimentary Units
VIP Parlor 2 Bedroom	5	Complimentary Units
Parlor 1 Bedroom	3	Complimentary Units
Parlor 2 Bedroom	4	Complimentary Units
Bi-Level 1 Bedroom	2	Complimentary Units
Bi-Level 2 Bedroom	3	Complimentary Units
Junior Suites	2	Complimentary Units

THE SHERATON GRAND ON HARBOR ISLAND

Presidential Parlor 1 Bedroom	4	Complimentary Units
Presidential Parlor 2 Bedroom	6	Complimentary Units
Executive 1 Bedroom	4	Complimentary Units
Executive 2 Bedroom	4	Complimentary Units
Parlor 1 Bedroom	2	Complimentary Units
Parlor 2 Bedroom	3	Complimentary Units

Page 3

The Hotel is pleased to offer a complimentary one-bedroom suite from July 28, 1990 to August 2, 1990, over and above our 1 per 50 policy for your executive director. Our Concierge will also arrange for a beautiful flower arrangement and executive bar compliments of our general manager. We will also be happy to provide four rooms over and above our complimentary allotment for your staff.

RESERVATIONS CUT-OFF DATE

The Sheratons On Harbor Island agrees to hold the above noted room block until June 25, 1990. At that time, rooms not covered by rooming list or individual reservations will be released from your block. Rooms can also be protected for the entire extent of the stay by guaranteeing them to your organization. Please be aware that any reservations made after the cut-off date will be at our normal rack rates.

DEPOSIT POLICY

A deposit equal to one night's stay is required to hold each individual's reservation. Personal check, money order or a valid American Express, Diner's Club or Carte Blanche card number, and expiration date are acceptable. Should guests cancel a reservation, deposits are refunded if notice is received at least 48-hours prior to arrival, and obtain a cancellation number.

TRANSPORTATION

The Sheratons On Harbor Island offer complimentary 24-hour shuttle service between the airport and the Sheratons On Harbor Island and Sheraton Grand on Harbor Island Hotels. Vans depart every 15-minutes for the guest's convenience. Our Bell Staff will also arrange for additional coverage if information on high volume arrivals and departures is available.

FOOD & BEVERAGE POLICIES

All Food and Beverage must be supplied and prepared by the hotel. Menu selections must be submitted to our Catering office at least 3-weeks in advance; otherwise, items selected cannot be guaranteed. Menu prices will be confirmed six months prior to the scheduled function.

The Catering office must be notified of the exact attendance no later than noon, three days prior to the scheduled function. Exact attendance for functions scheduled on Monday or Tuesday must be received by noon on the preceding Friday. Guarantees are not subject to reduction and charges will be made accordingly. The hotel will prepare service for 5% over the given guarantee.

Food and Beverage prices are subject to a 15% service charge and a 6% California State Tax (subject to change without notice). Please note that the service charge is taxable.

Page 4

Our award-winning Catering office is well-known for its consistency in quality food and beverage and impeccable service. Although our menu selections include a wide variety of lavish banquets and theme parties, our staff will be pleased to custom design a banquet menu to suit your needs.

MEETING & BANQUET AGENDA

Our complex offers over 40 meeting rooms including 4 ballrooms and over 70,000 square feet of flexible and versatile meeting space. Our in-house copy center, audio visual firm, and banquet manager are all strategically located near the major function space. One of our professional Convention Coordinator's will be assigned to handle your program and oversee all aspects of your meeting.

Enclosed is an outline of your function space requirements as we understand them to be. Function rooms are assigned according to the number of persons expected to attend, and may be changed by the hotel if attendance changes.

The meeting space will be made available on a complimentary basis, excluding exhibit usage, based on your pick-up of the number of guest rooms indicated in your room block, Food and Beverage functions as outlined.

EXHIBITS

It is our understanding that you will have approximately 50 exhibits each utilizing an area of 8x10 square feet. The current hotel rental charge is \$30.00 per booth, per show day, which is for the exhibit facility as programmed, general maintenance of aisles, air conditioning or heat. The rental charge does not include back wall, side wall, drapes, signs, labor, security, gas or water supply, storage, and cleaning and maintenance of individual booths. Definite rates for exhibit booth rental will be quoted one year in advance.

INSURANCE

The Sheraton Hotels On Harbor Island and the group each agree to carry adequate liability and other insurance protecting itself against any claims arising from any activities conducted at the Sheraton Hotels on Harbor Island during the conference or exhibit.

CANCELLATION

Under the terms of this agreement, the Sheraton Hotels on Harbor Island is reserving in the name of I.E.E.E. Neural Networks, the room block requirements and public space requirements herein. In the event these reserved facilities and services are not used, the Sheraton Hotels on Harbor Island will experience significant monetary losses which will be difficult to calculate due to the uncertainty and cost of obtaining replacement business.

Page 5

Therefore, in the unlikely event I.E.E.E. Neural Networks should cancel its meeting, the group will pay to the Sheraton Hotels on Harbor Island a liquidated damages fee which shall consist of a percentage of the lost group rooms revenue. The percentage charge is as follows:

0 to 12 months prior to arrival date - 50% of anticipated room revenue over the five (5) day period of July 27, 28, 29, 30, 31, 1990.

The performance of this agreement by either party is subject to acts of God, war, government regulations, disaster, strikes, civil disorders, curtailment of transportation facilities, or other emergencies making it inadvisable, illegal or impossible to provide the facilities or to hold the meeting. It is provided that this agreement may be terminated for any one or more of such reasons by written notice from one party to the other.

Any controversy or claim arising out of or relating to cancellation of this contract, for the sole purpose of holding said convention in another city or hotel facility, shall be settled here in San Diego County by arbitration in accordance with the Rules of the American Arbitration Association. Judgement upon the award rendered by the Arbitration(s) may be entered in any court having jurisdiction thereof.

If the above arrangements meet with your approval, we would appreciate your signing and returning the enclosed copy, indicating that all arrangements as outlined are definite and confirmed.

Sincerely,

Roxanne Flick
Senior Account Manager

Authorized Signature

Name (printed)

Title

Date

RF/mjk

PROGRAM SPACE REQUIREMENTS
MEETING MANAGEMENT/INTERNATIONAL CONFERENCE ON NEURAL NETWORKS
July 26 - August 3, 1990-

Thursday, July 26, 1990

Theater style	5:30pm-8:00pm	30 people
---------------	---------------	-----------

Friday, July 27, 1990 at 7:00am to Wednesday, August 1, 1990 at 7:00pm
Exhibit Hall (100 8x10 sq ft exhibits)-\$35.00 per booth/per day
Office

Friday, July 27, 1990 at 1:00pm to Wednesday, August 1, 1990 at 5:00pm
Slide Previews
Exhibit Hall Foyer

Friday, July 27, 1990 at 12:00midnight to Wednesday, August 1, 1990 at 5:00pm
Chablis Foyer

Saturday, July 28, 1990 at 7:00am to Wednesday, August 1, 1990 at 5:00pm
Palomar Foyer

Saturday, July 28, 1990

Hold all space	8:00am-6:00pm	
Reception	6:00pm-10:00pm	1000 people
Reception (rain backup)	6:00pm-10:00pm	1000 people
Theater style	8:00pm-10:00pm	1000 people
Conference style	9:00pm-11:00pm	30 people

Sunday, July 29, 1990

Hold all space	8:00am-6:00pm	
Theater style	8:00am-10:00pm	1500 people
Theater style	8:00am-10:00pm	1000 people

Monday, July 30, 1990

Hold all space	8:00am-6:00pm	
----------------	---------------	--

Tuesday, July 31, 1990

Hold all space	8:00am-6:00pm	
Reception	6:00pm-8:00pm	1200 people
Reception (rain backup)	6:00pm-8:00pm	1200 people
Theater style	6:00pm-8:00pm	1000 people

Page 2

Wednesday, August 1, 1990

Hold all space
Conference style

8:00am-5:00pm
5:00pm-8:00pm

30 people

Sincerely,



Roxanne Flick
Senior Account Manager

Authorized Signature

Name (printed)

Title

Date

() RF/mjk



NEURAL NETWORKS

CALL FOR PAPERS

IEEE International Conference on Neural Networks

June 19-22, 1989

Washington, D. C.

The 1989 IEEE International Conference on Neural Networks (ICNN-89) will be held at the Sheraton Washington Hotel in Washington, D.C., USA from June 19-22, 1989. ICNN-89 is the third annual conference in a series devoted to the technology of neurocomputing in its academic, industrial, commercial, consumer, and biomedical engineering aspects. The series is sponsored by the IEEE Technical Activities Board Neural Network Committee, created in Spring 1988. ICNN-87 and 88 were huge successes, both in terms of large attendance and high quality of the technical presentations. ICNN-89 continues this tradition. It will be, by far, the largest and most important neural network meeting of 1989. As in the past, the full text of the papers presented orally in the technical sessions will be published in the Conference Proceedings (along with some particularly outstanding papers from the Poster Sessions). The Abstract portions of all poster papers not published in full will also be published in the Proceedings. The Conference Proceedings will be distributed *at the registration desk* to all regular conference registrants as well as to all student registrants. This gives conference participants the full text of every paper presented in each technical session -- which greatly increases the value of the conference. ICNN is the only major neural network conference in the world to offer this feature. As is now a tradition, ICNN-89 will include a day of tutorials (June 18), the exhibit hall (the neurocomputing industry's primary annual trade show), plenary talks, and social events. Mark your calendar today and plan to attend IEEE ICNN-89 -- the definitive annual progress report on the neurocomputing revolution!

Deadline for submission of papers for ICNN-89 is February 1, 1989. Papers of 8 pages or less are solicited in the following areas:

- Real World Applications
- Neural Network Theory & Architectures
- Supervised Learning Theory
- Reinforcement Learning Theory
- Robotics and Control
- Optical Neurocomputers
- Optimization
- Associative Memory
- Image Processing
- Self-Organization
- Neurobiological Models
- Vision
- Electronic Neurocomputers

Papers should be prepared in standard IEEE Conference Proceedings Format, and typed on the special forms provided in the Author's Kit. The Title, Author Name, Affiliation, and Abstract portions of the first page of the paper must be less than a half page in length. Indicate in your cover letter which of the above subject areas you wish your paper included in and whether you wish your paper to be considered for oral presentation, presentation as a poster, or both. For papers with multiple authors, indicate the name and address of the author to whom correspondence should be sent. Papers submitted for oral presentation may, at the referees' discretion, be designated for poster presentation instead, if they feel this would be more appropriate. **FULL PAPERS** in camera-ready form (1 original and 5 copies) should be submitted to Nomi Feldman, Conference Coordinator, at the address below. For more details, or to request your IEEE Author's Kit, call or write:

Nomi Feldman,
ICNN-89 Conference Coordinator
3770 Tansy Street
San Diego, CA 92121
(619) 453-6222

Faxed 6/2/89

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990 (office), 543-6061 (secretary),
543-2150 (main office), 776-8995 (home), 543-3842 (FAX).
marks@blake.acs.washington.edu*

6-2-89

Ms. Laura Jobmann
IEEE Service Center
FAX # (201) 981-1686

Dear Laura,

Here is a proposed budget for yet a third conference! This one is being organized by INNS. We share, however, in 50% of the profits and are co-sponsors. It will be held in January 1990 in Washington D.C. An attendance of 2000 is estimated.

The Neural Network Committee would like to vote on the budget at our June 18th meeting. Assuming the publications matter is taken care of, is this budget okay with IEEE?

I have contacted INNS about the publications matter we discussed.

Sincerely,



Robert J. Marks II
NNC Chair pro tem

THERE ARE 5 PAGES IN THIS FAX MESSAGE

Date: June 2, 1989

Number of pages (including this cover sheet): 4

Please give us a call (415-723-3164) if you did not receive the right pages.

TO:

Name: Dr. Bernard Angeniol/Mr. Denechere
Company: Thomson-CSF
Location: 1, Rue des Mathurins
92220 Bagneux, Paris, France
Phone: (33-1) 40-84-40-00
Facsimile no.: (33-1) 40-84-46-96

FROM:

Facsimile no.: (415) 723-8473
Name: Bernard Widrow
Company: Stanford University
Location: Information Systems Laboratory
Durand 139
Stanford, CA 94305-4055 U.S.A.
Phone: (415) 723-4949

MESSAGE:

I am enclosing, at the end of this FAX message, a copy of a response to our contract from IEEE. They are raising some issues of IEEE policy that may require us to make some contract changes. They cannot contribute money to a conference unless they are co-sponsors. I remember talking about co-sponsorship with Bernard Angeniol and he said that under French law, the tax situation would be unfavorable and that it would be much better for INNS and IEEE to be cooperating societies. I agreed and you prepared the contract accordingly. I think that INNS and IEEE should remain cooperating societies. The terms of the contract between Thomson and INNS could remain as is. It seems that as a cooperating society, IEEE would not be able to contribute money but would be able to assist in mailing conference announcements to their members. I have modified the relevant contract clauses as follows: (see 2 sheets of changes.)

Enclosed also is a response from Bob Marks of IEEE.

ORIGINAL No 1

TRIPARTITE AGREEMENT

This Agreement, is made by and between

International Neural Network Society, a California corporation having its main office at 860 Lathrop Drive, Stanford, CA 94305, USA. (hereinafter referred to as "INNS")

The Neural Network Committee of the Institute of Electrical and Electronics Engineers Inc. a New York corporation, having its main office at 345 East 47 Street, NEW YORK 10017-2394, USA (hereinafter referred to as "IEEE")

and **THOMSON-SA** a French corporation having its head office at 51 esplanade du Gal. De Gaulle, La Défense 10, PUTEAUX, FRANCE (hereinafter referred to as "TH-SA")

and is predicated upon all of the following assumptions, representations and expectations of the Parties:

Whereas INNS and IEEE have decided to hold an international conference, on neural networks (hereinafter designated as "Conference") in FRANCE, PARIS, five days during the summer of 1990.

Whereas INNS and IEEE acknowledge the TH-SA competence in the neural network field.

INNS and IEEE instruct TH-SA to organize this Conference and appoints TH-SA as sponsor, and TH-SA accepts. The Conference shall be called IJCNN-90-PARIS. (IJCNN is a designation of INNS and IEEE signifying International Joint Conference on Neural Networks)

Now, therefore, the Parties agree as follows:

ARTICLE 1: RESPECTIVE RIGHTS AND OBLIGATIONS

1.1) INNS and IEEE will participate in the Conference as cooperating societies in the following manner:

- a) INNS and IEEE undertake to advertise the Conference to their respective members through their publications, mailings (mailings to all the worldwide concerned members, from listing used for other IJCNN meetings, approximately 10 000 members) and by all means at their convenience, such as advertising at preceding conferences. ~~Each Party (INNS and IEEE)~~ will commit \$ 5 000 for the purpose. Brochures for the mailing will be furnished by TH-SA. Each advertising or announcement about the Conference will mention "INNS and IEEE cooperating societies, sponsored by THOMSON-SA".

- b) ~~Each party (INNS and IEEE)~~ will commit \$ 10 000 corresponding to support travel costs for board members or other selected top scientists in the neural network field, 10 to be designated by INNS, ~~and 10 to be designated by IEEE,~~ who will have to participate as invited speakers at the Conference. INNS and IEEE will undertake to obtain authorization from the invited speakers to publish their name and short CV's in all documents or advertising for the Conference. A tentative list with the names of the potential invited speakers will be communicated by INNS to TH-SA by June 15, 89. The definitive list of the invited speakers will be provided by the Program Committee no later than September 1, 89.

1.8) Neither this Agreement, nor any rights of either party hereunder may be assigned or transferred in any way by either party without the prior written consent of the others.

ARTICLE 2: RESPONSIBLES

Three committees will be designated to ensure the efficiency of the Conference.

A Program Committee will be formed before June 15 1989, which will be in charge of centralizing and validating all documents, presentations (orals and posters), and the technical program.

The Program Committee shall be comprised of nine people, three groups, of equal numbers selected by INNS, IEEE, and TH-SA. The Chair will be appointed by IEEE or INNS.

A Finance Committee will be formed before December 31, 1989, which will be in charge of auditing all Conference consequent costs at its term.

The Finance Committee shall have three members, chosen by three Parties. The Chair will be a person of TH-SA.

The IJCNN-90-PARIS Oversight Committee, which will be in charge of supervising all actions, and controlling the performance of the Conference.

It shall be comprised of the 10-person IEEE/INNS IJCNN Oversight Committee, plus 5 persons selected by TH-SA.

The General Co-Chairs shall be Bernard Widrow of INNS, and Bernard Angeniol of TH-SA.

ARTICLE 3: FINANCIAL

3.1) In accordance with the terms of the paragraph 1.1.b) ~~each~~ INNS ~~and IEEE~~ will committ \$ 10.000

3.2) In accordance with the terms of the paragraph 1.2.c) TH-SA will committ \$ 50.000 plus its financial participation as sponsor.

3.3) In case of profit, TH-SA will undertake, within two months following the end of the Conference, to allocate 14% of the profit to INNS, ~~and 14% of the profit to IEEE,~~ with a maximum allocation of \$ 15 000 to INNS, ~~and \$ 15 000 for IEEE.~~

Profit is the difference between incomes (such as registration fees, tutorial fees, exhibitors fees, sales of proceedings) and expenses (such as publication of proceedings, conference space costs, booths, advertising, mailings other than paragraph 1.1.a, conference management, cocktail reception etc).

Any others financial sponsoring, obtained by the conference management company according to the terms of the paragraph 1.4., won't be considered as income, and travel costs advanced by the Parties won't be considered either as income or as expenses.

The conference management company, will maintain separate bank accounts for the Conference and will maintain financial records so that they may be audited by IEEE, INNS and TH-SA.

3.4) In case of deficit, the INNS ~~and IEEE~~ and TH-SA allocations will be lost.

ARTICLE 4 : FUNDING SCHEDULE

The INNS ~~and IEEE~~ financial participation, according to the terms of the paragraph 1.1.b), will be paid on January 1, 1990.

Robert J. Marks II Library Archive

From marks@blake.acs.washington.edu Thu Jun 1 07:59:17 1989
Received: from blake.acs.washington.edu by isl.Stanford.EDU (3.2/4.7); Thu, 1 Jun
Received: by blake.acs.washington.edu (5.61/1.34)
id AA12404; Thu, 1 Jun 89 07:58:15 -0700
Date: Thu, 1 Jun 89 07:58:15 -0700
From: marks@blake.acs.washington.edu (Robert Marks)
Message-Id: <8906011458.AA12404@blake.acs.washington.edu>
To: widrow@isl.stanford.edu
Subject: IJCNN in France
Cc: cuellar@umbc.decnnet@UMBC2.UMBC.EDU, declaris@medinfo.uucp@umbc3.umbc.edu,
marks@blake.acs.washington.edu
Status: R

IEEE has looked at the contract for the France conference & has some minor concerns:

1. IEEE requires that when a Committee contributes financially to a Conference, it be listed as a Co-Sponsor (as opposed to simply Co-operating). This can be fixed in two ways:

(a) The financial contribution of the NNC be dropped. The NNC would still, however, be able to pay for and provide for the portion of Conference publicity aimed at its members. The IEEE NNC would still be listed as a Co-operating sponsor.

(b) The NNC (and I assume as a result, the INNS) be listed as a co-sponsor of the conference. This, however, requires submission and approval of a conference budget and requires some things on publication be bought into play (see below).

The source for this is Ms. Laura Johmann at IEEE Conference Services (201)-562-3873.

2. I have learned that IEEE requires publication coordination of all conferences that it co-sponsors. The purpose, as I understand it, is protection of all concerned in copyright & publication matters. IEEE acts as an advocate in the publication even when a private publishing house is used. This is a concern which needs to be addressed not only with the France Conference, but more immediately with the January IJCNN. Laura referred me to Ms. Pat Pernick (212) 705-7682 at IEEE. I have not contacted Pat. Note that item 6 of the INNS-NNC agreement requests that all IJCNN conference committees are to approach the IEEE book broker program to establish a mechanism for post-conference sales.

3. Lastly, Laura was concerned about liability for the France conference. IEEE, it turns out, has foreign conference insurance in case a conference bombs. The insurance, however, only covers IEEE's portion of the liability.

Best regards,

Bob Marks
IEEE NNC Chairman pro tem

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990 (office), 543-6061 (secretary),
543-2150 (main office), 776-8995 (home), 543-3842 (FAX);
marks@blake.acs.washington.edu*

May 31, 1989

Dr. Nicholas DeClaris
FAX (301) 328-8013

The following officers for the IJCNN in summer '90 in San Diego has been approved by a majority vote of the IEEE faction of the Oversight Committee:

General Co-Chairs	Nicholas DeClaris, U. of Maryland Dimitris Psaltis, Cal Tech
Program Co-Chairs	James Albus, NIS&T Paul Werbos, NSF
Finance Chair	Lee Giles, AFOSR Jean McCausland, Fairchild
Local Arrangements	To be determined.

Please let me know immediately after the above conference officials have been contacted concerning this decision. I will then inform the members of the NNC. Also, please FAX to me a copy of the address and phone numbers of the conference officials.

Sincerely,



Robert J. Marks II
NNC Chairman pro tem

RJM:ew

cc: Bernard Widrow, INNS
Evangelia Tzanakou

There is a single page in this FAX transmission.

rye 23/20/99

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990 (office), 543-6061 (secretary),
543-2150 (main office), 776-8995 (home), 543-3842 (FAX);
marks@blake.acs.washington.edu*

Laura Johnson
IEEE Conference Services
FAX (201) 981-1686

Dear Laura:

Attached is a proposed conference contract that the IEEE Neural Networks Committee (NNC) is considering. If passed by the NNC, is there any reason this contract cannot be signed by me on behalf of the NNC?

Sincerely,

Robert J. Marks II
ew

Robert J. Marks II
NNC Chairman pro tem

RJM:ew
Att.

There are 6 pages to this FAX transmission including this one .

ORIGINAL No 1

TRIPARTITE AGREEMENT

This Agreement, is made by and between

International Neural Network Society, a California corporation having its main office at 860 Lathrop Drive, Stanford, CA 94305, USA, (hereinafter referred to as "INNS")

The Neural Network Committee of the Institute of Electrical and Electronics Engineers Inc. a New York corporation, having its main office at 345 East 47 Street, NEW YORK 10017-2394, USA (hereinafter referred to as "IEEE")

and **THOMSON-SA** a French corporation having its head office at 51 esplanade du Gal. De Gaulle, La Défense 10, PUTEAUX, FRANCE (hereinafter referred to as "TH-SA")

and is predicated upon all of the following assumptions, representations and expectations of the Parties:

Whereas INNS and IEEE have decided to hold an international conference, on neural networks (hereinafter designated as "Conference") in FRANCE, PARIS, five days during the summer of 1990,

Whereas INNS and IEEE acknowledge the TH-SA competence in the neural network field,

INNS and IEEE instruct TH-SA to organize this Conference and appoints TH-SA as sponsor, and TH-SA accepts. The Conference shall be called IJCNN-90-PARIS. (IJCNN is a designation of INNS and IEEE signifying International Joint Conference on Neural Networks)

Now, therefore, the Parties agree as follows:

ARTICLE 1: RESPECTIVE RIGHTS AND OBLIGATIONS

1.1) INNS and IEEE will participate in the Conference as cooperating societies in the following manner:

- a) INNS and IEEE undertake to advertise the Conference to their respective members through their publications, mailings (mailings to all the worldwide concerned members, from listing used for other IJCNN meetings, approximately 10 000 members) and by all means at their convenience, such as advertising at preceding conferences. Each Party (INNS and IEEE) will commit \$ 5 000 for the purpose. Brochures for the mailing will be furnished by TH-SA. Each advertising or announcement about the Conference will mention "INNS and IEEE cooperating societies, sponsored by THOMSON-SA".
- b) Each party (INNS and IEEE) will commit \$ 10 000 corresponding to support travel costs for board members or other selected top scientists in the neural network field, 10 to be designated by INNS and 10 to be designated by IEEE, who will have to participate as invited speakers at the Conference. INNS and IEEE will undertake to obtain authorization from the invited speakers to publish their name and short CV's in all documents or advertising for the Conference. A tentative list with the names of the potential invited speakers will be communicated by INNS to TH-SA by June 15, 89. The definitive list of the invited speakers will be provided by the Program Committee no later than September 1, 89.

- c) INNS and IEEE won't organize any other large general manifestation (i.e. any scientific conference involving more than 500 persons) in the neural network field, during the year 1990 in Europe, without prior written consent of TH-SA. Specialized manifestations on focused topics and workshops are allowed without approval of TH-SA

- d) INNS and IEEE will provide a free booth for a TH-SA representative to advertise the Conference at each Washington IJCNN conference, in June 89 and January 90.

1.2) TH-SA will participate in the Conference as the sponsor in the following manner:

- a) TH-SA will mention "INNS and IEEE cooperating societies, sponsored by THOMSON-SA", in each advertising or public information piece about the Conference.

- b) TH-SA will entrust the material organization of the Conference, to a conference management company, which will bear all consequent costs. The organization will:

- . conceive, print and send the program and other documents
- . rent, during the Conference period, all necessary spaces, conference rooms, and booths
- . make public announcements
- . plan a cocktail reception
- . receive attendee's conference fees and keep account
- . provide space for exhibitors at the Conference and receive their fees,
- . publish a Conference Proceedings of the accepted papers or abstracts;

All these actions are listed and planned in the Annex of the current Agreement

All the personal accommodations (hotels, meals, local arrangements ...) will be the responsibility of the invited people, including the speakers.

- c) TH-SA will commit \$ 50 000 corresponding to support travel costs for 50 non-French scientists, whose submitted papers were accepted by the Program Committee for oral presentation or as posters. Preference will be given to young authors. TH-SA will choose the recipients, and inform INNS and IEEE of the recipients.

- d) In accordance with INNS practice, registration fees for student attendees will be one third that of professional people.

1.3) Concerning the conference management company, the Parties (INNS, IEEE and TH-SA) have examined the project submitted by Z-Net (a California company with agent in Paris) and have decided to entrust the organization of the Conference to Z-Net, following the terms defined in b) above. A contract between TH-SA and Z-Net will precise the conditions of this organization.

1.4) Whereas that the management company designed above will bear the majority of the costs, they will have the right to seek other qualified sponsor for the Conference, subject to a prior written agreement of INNS, IEEE and TH-SA.

1.5) The official language of the Conference should be English.

1.6) In fulfilling its obligations under this Agreement, each Party shall be acting as an independent contractor.

1.7) Each Party agrees that all publications or presentations, including the Technical Program shall be reviewed and approved by the Program Committee before April, 1, 1990. Passed this date, TH-SA retains the right to refuse to print any documents.

Charter of the IEEE Neural Networks Committee (NNC)

Agreement Among the Participating Societies Regarding IEEE Activities in Neural Networks.

SCOPE

The IEEE Neural Networks Committee is a committee of the IEEE Technical Activities Board consisting of IEEE Societies whose purpose is to coordinate technical activities in the interdisciplinary area of Neural Networks and provide the focus for cooperative efforts among TAB entities. The following Societies shall jointly sponsor the IEEE Neural Networks Committee, hereafter referred to as the Committee or NNC:

- Acoustics, Speech, and Signal Processing Society
- Circuits and Systems Society
- Communications Society
- Computer Society
- Control Systems Society
- Engineering in Medicine and Biology Society
- Industrial Electronics Society
- Information Theory Group
- Laser and Electro-Optics Society
- Systems, Man, and Cybernetics Society

The IEEE Neural Networks Committee shall act to foster activities in the area of Neural Networks by forming technical subcommittees, task forces, interest groups, and sponsoring technical workshops, symposia and international conferences. The NNC shall represent the IEEE Technical Activities Board in matters relating to Neural Networks.

THE COMMITTEE

The membership of the NNC shall consist of two delegates from each of the sponsoring Societies. These delegates must be appointed by their respective Societies for two-year staggered terms, and may be reappointed. Each sponsoring organization shall have one equal vote on matters before the NNC.

The committee shall elect biennially a Chairman from among its current membership. The Chairman shall serve as focus for all communications and shall direct, on behalf of

Minutes of the IEEE Neural Network Committee

Attendance. (Those marked * are NNC members or were appointed representative of their member societies by an absent NNC member. Only NNC members were eligible to vote on motions.)

<u>Member Society or other</u>	<u>Name</u>	<u>Phone</u>	<u>Computer Mail</u>
IE	Fernando Aldana* (for Okabe)	34-1-2343709	
	Mike Aronstein		
COM	Kesh Bakhru*	(619) 277-6780 X2648	
SMC	Nick DeClariss*	(202) 357-7955 and/or (301) 328-7866	
ICNN '89 Comm	Russ Eberhart	(301) 953-5037	BITNET RCE1 @ APLUM
IT	A. Ephremides* (for Mustafa)	(301) 454-6871	
LEO	K. M. Johnson*	(303) 492-1835	
CAS	R. J. Marks*	(206) 543-6990	marks@uw-isdl. ee.washington. edu
IE	H. T. Nagle*	(919) 737-3578	
IT	E. C. Posner*	(818) 356-4852	
R.A.	Wesley Snyder*	(919) 737-2336	wes@ecelet. ncsu.edu
IEEE EAB ICNN '89 Tutorials	R. A. Stampfl	(201) 562-5483	
INNS/ICNN Merger Comm	Al Stubberud	(714) 856-7092	

-- The meeting was called to order at 8 P.M. local time at the Sheraton Denver Tech Center on November 28, 1988 by Troy Nagle.

- Al Stubberud reported on the results of his discussions with INNS concerning conference coordination. The following motion was made, seconded and, after some discussion, was passed:

"The NNC chair will appoint a committee to further pursue dialog with INNS using conditions 1 through 9 (on attachment #1) as a basis of negotiation."

- Al Stubberud noted that the INNS Board of Directors had unanimously accepted these conditions.
- Nagle noted that any final agreement with INNS must be consistent with IEEE regulations.
- Nagle appointed the following INNS Negotiation Committee Members:

- * Fernando Aldana
- * Wesley E. Snyder
- * Nicholas DeClaris
- * Edward C. Posner
- * Kristina Johnson

- Aronstein presented the preliminary financial status report on ICNN '88 shown in attachment #2. He noted that bills were still coming in.
- Due to his recently being elected to a position within IEEE, Troy Nagle is no longer eligible to be Chair of the NNC. Nagle appointed a three-member Chairman Nominating Committee:

- Ed Posner
- Anthony Ephremides
- H. Troy Nagle

The Committee will collect nominations from the NNC (including themselves). An election will be held at the next NNC meeting. The election will be conducted by Chairman Pro Tem, Bob Marks. (The NNC Secretary assumes this title if the Chair resigns.)

- Wes Snyder reported on the status of ICNN '89. Some delays have resulted from the uncertainty of INNS participation. There is as of yet no proposed budget, although preliminary operating capital has been made available. Over 4,000 calls for paper requests were mailed in November.
- Ed Posner reported that Richard Lippmann has organized the EAB satellite program on neural networks (to be broadcast September 27, 1989).
- The following motion was made, seconded and passed unanimously:

"The NNC authorizes expenditures of up to \$4,000 of its funds to financially assist the IEEE Educational Activities Board in the video taping of the tutorials at ICNN '89."

- A discussion of the possible establishment of a neural network speakers service was deferred.
- A two-page proposal for an IEEE Neural Network journal, prepared by Herb Rauch, was presented to the NNC. (See attachment #3.) A committee was appointed by Nagle to:
 - poll the Ad Com's of the member societies to their reaction to the publication of such a journal.
 - consider other publication alternatives such as annual anthologies of selected papers and/or tutorials.

Nagle appointed the following NNC Publication Committee members:

- Bob Marks, Chair
 - Bob Newcomb
 - Evangelia Tzanakou
 - Herb Rauch
- The next NNC meeting was tentatively scheduled on Wednesday, June 21, 1989 at ICNN '89 in Washington, D.C.
 - The meeting was adjourned at 10:01 P.M. by Nagle.

Robert J. Marks II
NNC Secretary

TAB 2

CONSTITUTION OF THE IEEE
NEURAL NETWORKS COMMITTEE

ARTICLE I - Name and Objectives

Section 1. The name of this organization shall be IEEE Neural Networks Committee (hereinafter NNC) and it shall be governed in accordance with the Constitution and Bylaws of the Institute of Electrical and Electronics Engineers and the Charter of the NNC.

Section 2. The objectives of the NNC shall be scientific, educational and professional in character. The NNC shall strive for the advancement of the theory and practice of Neural Network engineering and science and of the allied arts and sciences, all in consonance with the Constitution and Bylaws of the IEEE.

Section 3. The NNC shall aid in promoting close cooperation and exchange of technical information among its members and others interested in Neural Networks and to this end shall hold meetings for the presentation of papers and their discussion, provide for technical publications, and through its committees shall study and provide for the needs of its members.

ARTICLE II - Membership

Section 1. The members of the NNC shall consist of individual voting members and sponsoring Society members.

Section 2. The Society members shall be IEEE Societies or other appropriate IEEE entities. The Society members shall consist of those IEEE Societies which were members as of January 1, 1989 (which will be called Society founding members) plus those Societies which have applied for membership subsequently and been approved by a two-thirds-vote of the individual voting members. A Society may withdraw from the NNC by means of a written request to the Chair of the NNC. Society membership is by calendar year, and the request for withdrawal must reach the Chair by June 1 in order for the Society to withdraw on December 31.

Section 3. The individual voting members shall be people appointed by the Society members, with each Society member having the right to appoint two individual voting members. An individual voting member shall remain on the NNC until a replacement is appointed by the responsible Society.

ARTICLE III - Management and Officers

Section 1. The officers of the NNC shall be Chair, Secretary and Treasurer. The officers shall serve for two calendar years, except for the officers elected in 1989, who shall serve until January 1, 1991. The NNC shall biennially elect officers to serve for two year terms of office beginning January 1 of the following year. The Officers shall be individual voting members of the NNC at the time of their election (and during their two year term of office). No person can hold a particular office for more than two consecutive years.

Section 2. The Chair under the direction of the NNC shall have general supervision of the affairs of the NNC. The Chair shall preside at the meetings of the NNC and have other powers and duties as necessary to perform the work of the NNC, including appointing appropriate sub-committees.

Section 3. The Treasurer shall have overall responsibility for the finances of the NNC.

Section 4. The Secretary shall function as the secretary and handle administrative aspects of the NNC. The Secretary shall serve as Chairman pro tem in the absence of the Chairman.

Section 5. If for some reason an elected officer of the NNC is unable to complete the two year term, then the Chair is authorized to appoint a replacement for the remainder of the officer's term. If the Chair is unable to complete the two year term, then the Secretary will automatically become the Chair and can appoint a replacement secretary for the remainder of the two year term.

ARTICLE IV - Amendments

Section 1. Amendments to this Constitution may be implemented by a two-thirds vote of the total membership of the NNC. The proposed amendments shall be submitted in writing to the individual members of the NNC for their vote.

TAB 3

CONSTITUTION AND BYLAWS
FOR THE IEEE COUNCIL ON NEURAL NETWORKS

CONSTITUTION
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PROPOSED CONSTITUTION FOR THE
IEEE COUNCIL ON NEURAL NETWORKS

ARTICLE I

NAME AND OBJECTIVES

Section 1. The name of the organization constituted herein shall be the IEEE Council on Neural Networks (NN).

Section 2. The purpose of the Council is to advance and coordinate work in the field of Neural Networks carried out throughout the IEEE and as such is exclusively scientific, literary and educational in character. In furtherance of the foregoing, the Council may publish appropriate periodicals, sponsor IEEE Neural Networks related conferences and conference sessions, sponsor IEEE Press publications, and engage in any other activity within its field of interest. All such actions must be in consonance with the Constitution, Bylaws, and Statements of Policy of the IEEE, with special attention to such aims within the field of interest of the Council as are hereinafter defined.

ARTICLE II

FIELD OF INTEREST

Section 1. The field of interest of the Council and its activities and programs shall consist of aspects of the theory, design, and applications of neural networks that range from software to hardware. It shall include the following aspects and applications of neural networks: adaptive systems, biological systems, self-organizing systems, network dynamics, network architectures, learning algorithms, associative memories, image processing, vision, speech recognition, robotics and controls, novel applications, combinatorial optimization, photonic implementation, and electronic implementation. Changes to the field of interest may be made with approval of the IEEE Technical Activities Board and its Operating Committee.

ARTICLE III

MEMBERSHIP OF THE COUNCIL

Section 1. The Council shall be composed of IEEE Societies which have demonstrated a strong interest in Neural Networks and are supporting technical activities in the field. These Societies must agree to share the responsibility for all obligations, of the Council, including financial in accordance with this Constitution and the Council Bylaws.

Section 2. Each new Member Society must be approved by a two-thirds affirmative vote of the voting members of the Council AdCom, and by the IEEE Technical Activities Board before it may join the Council.

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Section 3. If a Member Society does not have any representative present at any of the Council AdCom meetings held during a calendar year and is inactive in Council affairs, the Member Society may be dropped from Council membership. Notice of such proposed action shall be given to the President of the delinquent Society at least twenty days before the Council AdCom meeting where such action will be considered. Such action must be approved by two-thirds of the AdCom members present and voting and by the Operating Committee of the IEEE Technical Activities Board before it becomes final.

Section 4. The officers of the Council shall be as follows: President, Vice-President, Secretary, and Treasurer. (Note: Refer to Article IV Section 1 for definition of Vice-President).

Section 5. Council business will be conducted by its AdCom which will include both voting and non-voting members. The voting members will be:

- a. Two representatives to be appointed by each Member Society.
- b. The President, Vice-President, the Secretary, and the Treasurer (or if combined, the Secretary/Treasurer).
- c. The most recent available immediate past President of the Council.
- d. The Chairperson of the Meetings Committee and the Chairperson of the Publications Committee.

An individual may not serve concurrently as both a Council officer and a Council Member Society representative. When a Member Society representative is elected to a Council office, the Council office shall take precedence over the Society appointment, and any resulting vacancy(s) shall be filled promptly by the appropriate Society.

Section 6. Each representative and officer on the Council must be an IEEE member.

Section 7. The term of office of a Member Society representative on the Council shall be two years with each of the two Society representatives appointed by the Society in alternate years. No Society representative shall be eligible to serve more than four consecutive years. An unexpired term filled for more than six months shall count as a full year. Reappointment after the completion of any term of four consecutive years may be made only after a lapse of at least one year.

Section 8. When a within-term Council representative vacancy occurs, the Council President shall request the appropriate Society to appoint a representative to complete the unexpired term.

Section 9. The non-voting ex-officio members of the Council AdCom will be:

- a. The Director of the Division in which the Council resides.
- b. The TAB Staff Secretary.
- c. The General Manager of IEEE.
- d. The IEEE Vice-President for Technical Activities.

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Section 10. Except for those AdCom meetings specifically designated as closed, any other IEEE Society which is not a member of the Council may send a non-voting liaison representative to attend for the purpose of establishing lines of communication between the Council and the parent Society represented.

ARTICLE IV

ELECTION AND APPOINTMENT OF OFFICERS

Section 1. Every year, the voting members of the Council AdCom shall elect a Vice-President at the Annual Meeting. The Vice-President shall serve for one year, and will become Council President on January 1st to serve a 1-year term in that capacity.

Section 2. Officers shall be elected and appointed in accordance with the rules specified in the Council Bylaws.

Section 3. If the Office of President becomes vacant, the Vice-President shall become President for the remainder of the term assumed. If the office of Vice President becomes vacant, the voting members of the Council AdCom shall elect a new Vice-President promptly.

ARTICLE V

POWERS, PRIVILEGES, AND DUTIES

Section 1. It shall be the duty of each representative of a Member Society to participate in matters before the Council AdCom and to keep the Administrative Committee of the Society represented informed concerning Council business. Members of any Member Society AdCom may attend any open meeting of the Council as observers.

Section 2. The duties and responsibilities of the officers and members of the Council AdCom shall be as defined hereunder and in the Bylaws, and as further delineated by the Council.

Section 3. The Vice-President shall appoint for a term concurrent with his presidency, the Council Secretary and Treasurer, as well as Editors of Council's Periodicals, the Chairperson of the Publications Committee and the Chairperson of the Meetings Committee on or before January 1st of the year in which he takes office as President. All appointments shall be made with the advice and consent of the Council AdCom. The Secretary, Treasurer, Editors, and Chairperson appointments need not be made from among the individuals who are on the Council AdCom as Society representatives; but if such selections seem to be in the best interest of the Council, the resulting vacancies must be filled promptly in accordance with Article III, Section 5.

Section 4. The Council President, under the direction of Council AdCom, shall call all regular, annual, and special Council AdCom meetings and shall preside over them. The President shall coordinate and supervise activities of the Council and have such other powers and perform such other duties as may be provided for in the Council Constitution or Bylaws or as may be delegated to the President by vote of the Council AdCom. Included in the President's duties shall be the responsibility to see that the orders and resolutions of the Council, the IEEE Technical Activities Board, the IEEE Executive Committee, and the IEEE Board of Directors are carried out. The President shall be an ex-officio member of all standing and special committees of the Council except the Nominating Committee, and may vote at Council meetings if necessary to break a tie and during the election of officers.

The President shall also be an ex-officio member of the IEEE Technical Activities Board, and, when notified of a meeting of said Board, shall ensure representation of the Council.

Section 5. Standing committees may be established as needed. With the advice and consent of the Council AdCom, the President shall appoint committee officers (and members, if such action is not specifically delegated in the establishment action of the Council) and shall fill any vacancies that occur during the year.

Individuals appointed as committee officers or members shall serve a nominal term of one year but shall continue to serve until their successors are appointed or the committee is dissolved, except where other terms are specifically designated by the Constitution or Bylaws.

The President may appoint ad hoc committees for special assignments as needed.

Section 6. The Vice-President shall assist the President in fulfilling all assigned duties, and shall assume the duties and have the power, privileges, and responsibilities of the President during the latter's absence or incapacity.

Section 7. The Secretary shall be responsible for all reports, petitions and records concerning the Council, keeping true and faithful minutes of all meetings of the Council AdCom, and shall prepare such reports as may be required by the Council, the IEEE Technical Activities Board, or the IEEE Executive Committee. The Secretary shall send out notices when instructed to do so by the President or in accordance with requirements of the Council Constitution or Bylaws. Copies of all meeting notices, minutes of meetings, and letter or bulletins sent and received during the previous two years shall be kept by the Secretary, except for those specifically assigned to the custody of others, and the Secretary shall send current copies to IEEE Headquarters for archival storage.

In the absence or incapacity of the President and Vice-President, the Secretary shall perform the duties of the President and have all Presidential powers, privileges, and responsibilities during the absence or incapacity of the President and Vice-President.

Section 8. The Treasurer shall propose a budget for Council operation to be endorsed by Council AdCom and approved by TAB Operating Committee and shall monitor expenditures to verify that they are in accordance with the approved budget. The Treasurer shall prepare financial reports as requested by the Council President, and shall keep the Treasurers of the Member Societies informed on Council financial matters affecting their budgets. The Council Treasurer shall approve the Conference budgets after they are approved by the Meetings Committee prior to being forwarded to IEEE Headquarters for review and final approval.

The Treasurer may utilize the services of IEEE headquarters as bursar for all or part of the Council funds, as provided by the IEEE Bylaws and Statements of Policy. If any parts of the Council funds is received and deposited separately, the terms and conditions shall be in accordance with IEEE policies and subject to Council Bylaws and any other limitations imposed by the Council. Disbursements shall be made on the signature or instructions of the Treasurer. If the Treasurer is disabled or unable to serve, the President may make disbursements during his incapacity.

Section 9. The President, elected and appointed officers shall normally assume office on January 1st or as soon thereafter as practicable.

Section 10. The officially constituted officers of the Council shall have the sole authority to obligate the funds and assets of the Council to promote the Council's activities, provided that no Council officer or representative shall have authority to contract debts for, pledge the credit of, or in any way bind the IEEE for activities prohibited by the Bylaws of the IEEE, the Constitution and Bylaws of the Council, or by regulations published in the Technical Activities Manual.

Section 11. No officer of the Council, representative on Council AdCom, or Editor shall receive, directly or indirectly, any honorarium, traveling expenses, compensation, or emolument from the Council as an officer or in any other capacity unless authorized by Council AdCom or by the Bylaws of the Council in a manner in conformity with IEEE policies and procedures.

ARTICLE VI

FINANCIAL SUPPORT & EXPENDITURES

Section 1. The financial support for the Council shall be derived from subscription sales of Council Publications, any surplus from the Conferences organized or sponsored by the Council, other programs and products sponsored by the Council, and allocations of funds provided by the Member Societies.

Section 2. The Council may raise revenues by other means provided such means are consistent with applicable IEEE rules and regulations and are within the approved Council field of interest. The Council must receive an opinion from the General Manager of the IEEE that any revenue means not explicitly covered by IEEE Statements of Policy does not conflict with IEEE policy before being adopted by the Council.

Section 3. Monies held by or for the Council legally belong to the IEEE, and shall not be expended for activities prohibited by the Constitution, By-Laws and Statements of Policy of the Institute, the Constitution and By-Laws of the Council, by regulations published in the IEEE Technical Activities Board Manual, or any other purposes known to be inimical to the interests of the IEEE. Returns from investment of Council funds shall be credited to the Council.

ARTICLE VII

COUNCIL MEETINGS

Section 1. The Council shall hold an Annual Meeting. Additional meetings of the Council, represented by its AdCom, may be held at such times as are found necessary or convenient. Meetings of the Council AdCom may be called at the discretion of the Council President or upon request by at least four AdCom members. The time, place and agenda shall be announced to all members of the Council AdCom at least twenty days in advance of the meeting, or by first-class mail to the address of record of each Council AdCom Member at least twenty-five days in advance of the meeting.

Section 2. The Annual meeting of the Council shall normally be the last AdCom meeting of the year held at a time and place designated by the President.

Section 3. One-third of the voting members of the Council AdCom, which must include representatives from at least one-third of the Member Societies, shall constitute a quorum. Written proxies will not be accepted in determining the quorum. The Chairperson of the Publications Committee, and the Chairperson of the Meetings Committee, the Secretary, and the Treasurer shall be ex-officio members of the Council with a vote on all matters except election of officers and changes to the Constitution and By-Laws. If the offices of Secretary and Treasurer are combined, there shall be one vote by the officer.

Section 4. If a regular representative from a Member Society is unable to attend a meeting of the Council AdCom, the President of the Member Society may designate an alternate by a letter of proxy, who shall have all the powers of the regular representative. Officers of the Council may not delegate their powers by proxy.

Section 5. Business of the Council may be transaction by correspondence, or other telecommunication means where in the opinion of the President matters requiring action can be adequately handled in that manner. All such business must be confirmed promptly in writing. All voting members of the Council should be informed on such interim actions, and a majority of the entire Council must be reached for ratification of the actions, if balloting is necessary, unless otherwise provided by the Constitution of By-Laws.

Section 6. If less than a quorum is in attendance at duly called meetings, tentative actions may be taken that will become effective upon subsequent ratification, either at a subsequent meeting or by mail, as specified in Section 5 above.

ARTICLE VIII

PUBLICATIONS

Section 1. All Council publication activities shall be subject to IEEE policies, and to any further guidance or controls prescribed by the Council AdCom or its duly appointed committees.

Section 2. The Council may publish appropriate Periodicals in accordance with IEEE Policies and Procedures. Selection of the published material shall be in accordance with the objectives and policies of IEEE and the Council.

Section 3. The Council President, with the advice and consent of the Council AdCom, shall appoint the Editors who shall in turn appoint associate and/or guest editors as may be required to implement the publications program.

ARTICLE IX

CONFERENCE AND TECHNICAL MEETINGS

Section 1. All Council conferences and technical meeting activities shall be subject to IEEE policies, and to any further guidance or controls prescribed by the Council or its duly-appointed committees.

Section 2. The Council shall determine the time and location of each sponsored Conference and technical meeting.

ARTICLE X

RECALL

Section 1. If at any time during the year and for any reason the best interests of the Council seem to require a change in Member Society representatives or officers, the matter shall be discussed at a regular or a special meeting of the Council AdCom called for the purpose of considering and voting upon the recommended change. At least twenty days before the Council AdCom meeting, notice of such proposed action shall be given to all appropriately interested individuals, including the President and Secretary of each Member Society involved and the Chairman and Secretary of the IEEE Technical Activities Board.

Section 2. An affirmative vote of two-thirds of the voting members of the Council AdCom shall be necessary to declare a vacancy for cause.

For the purposes of this Section, an abstention shall be counted as a cast negative vote.

ARTICLE XI

AMENDMENTS

Section 1. Sections of this Constitution may be adopted or amended by action of the Council at a regular or special meeting if the following provisions are met:

- a. Notice of the meeting and of the proposed change(s) must be mailed by first-class mail to the last-known address of each member of the Council AdCom at least twenty-five days prior to such meeting.
- b. A two-thirds affirmative vote of the votes cast by the members of the Council AdCom is required for passage.
- c. An amendment may be approved by a mail ballot if at least a thirty-day period is provided for responses, and two-thirds of the entire Council AdCom votes affirmatively.
- d. The Amendment shall become effective immediately after ratification by the IEEE Technical Activities Board and its Operating Committee.

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Section 2. By-Laws to this Constitution may be adopted or amended by a majority affirmative vote of the votes cast by the Council AdCom at a regular or special meeting, provided that notice of the meeting and a copy of the proposed change(s) is mailed by first-class mail to the last known address of each member of the Council AdCom at least twenty-five days prior to such meeting.

A By-Law may also be adopted or amended by a mail ballot provided that a copy of the proposed change(s) is mailed to the last known address of each member of Council AdCom, at least thirty days are allowed for a reply, and a majority of the entire Council AdCom votes affirmatively.

The new By-Law or Amendment shall be filed with the Secretary of the IEEE Technical Activities Board at least twenty days prior to the effective date.

Section 3. The Constitution, By-Laws, and Statements of Policy of the IEEE shall, at all times, take precedence over those of the Council.

Section 4. All amendments to the Constitution or By-Laws shall become effective immediately after all required approvals have been obtained, unless a later date has been specified at the time of the vote.

Constitution Adopted: _____

To Be Effective: _____

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BYLAWS

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PROPOSED BYLAWS FOR THE
IEEE COUNCIL ON NEURAL NETWORKS

These By-Laws provide detailed guidance for the supervision and management of Council affairs, in accordance with the Council Constitution. Amendments or additions may be made by means of the procedures described in Article XI, Section 2, of the Constitution.

ARTICLE I

RULES OF ORDER

Section 1. In all matters not covered by the Constitution, By-Laws, and Rules, the Council shall be governed by the latest edition of Robert's Rules of Order.

ARTICLE II

MEMBER SOCIETIES

Section 1. The Member Societies of the Council shall be those formally admitted by the IEEE Technical Activities Board in accordance with the Council Constitution. A current listing of Member Societies will be maintained by the TAB Secretary at IEEE Headquarters.

Section 2. Any Member Society unwilling or unable to continue to share responsibilities as defined in the Council Constitution may resign from the Council. When a letter of resignation has been received by the Council Secretary, the resigning Society shall be dropped from the Council roll at the end of the calendar year. Any former Member Society may later rejoin, without prejudice, on the same basis as any new applicant.

ARTICLE III

NOMINATIONS, ELECTIONS, AND APPOINTMENTS

Section 1. The Nominating Committee, which is a Standing Committee of the Council, shall consist of a Chairperson and three other members. At least one shall not be a current Council member but shall belong to at least one Member Society. The officers of the Council may not serve on the Nominating Committee nor be members ex-officio.

Section 2. The Chairperson of the Nominating Committee shall consult with each candidate prior to nomination to determine willingness to serve if elected.

Section 3. The Nominating Committee shall be guided in its selections by the principles of efficiency, geographical distribution, past history, and technical interest.

Section 4. The Chairperson of the Nominating Committee shall submit the Committee Report to the Council AdCom at the beginning of its Annual Meeting, or with the approval of the Council President, by letter to all qualified voting officers and representatives on the Council AdCom prior to the Annual Meeting. From the floor of the same meeting or by letters mailed to the entire Council AdCom, the officers and representatives may make additional nominations.

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Section 5. The names of any candidates of the Council who are not eligible under the Constitution or By-Laws shall be withdrawn by the President of the Council.

Section 6. Election of the Vice-President, whenever a vacancy exists, shall be from those nominees as specified in these By-Laws, Article III, Sections 2, 3, 4, and 5. Elections shall be by secret ballot of the voting members of the Council AdCom. For the first year of operation of the Council, the President and Vice-President must be elected by secret ballot directly by the Council AdCom. Nominations must be made by the voting AdCom members.

Section 7. If any Council office becomes vacant at any time during the year, and if the vacant office cannot be filled by logical succession of an existing Council officer as described in the Constitution and By-Laws, the Council will promptly hold an election to fill the existing vacancy. As needed, elections shall be held separately for the offices of President, Vice-President in that order. To be elected, a nominee must receive a majority of the proper votes cast. If no candidate receives a majority on a ballot, the name of the candidate receiving the smallest vote shall be withdrawn and a second ballot taken. This procedure shall be repeated until one candidate receives a majority vote.

The Council AdCom may hold contingent elections to be effective if an elected officer fails to accept office, is disapproved by IEEE Headquarters because there has been some irregularity in the nominations and election procedures, or has failed to maintain IEEE membership and Society membership.

Section 8. The President of the Council shall inform each successful candidate of his election and shall arrange for the transfer of responsibility. The name of each elected officer shall be reported to the Chairman and Secretary of the IEEE Technical Activities Board.

ARTICLE IV

STANDING COMMITTEES

Section 1. The Standing Committees shall include the following:

Meetings Committee
Publications Committee
Nominating Committee
Constitution and By-Laws Committee

Section 2. The Council may establish such additional Standing Committees as may be deemed desirable.

Section 3. Each Standing Committee shall have the power to create subcommittees of its own selection.

Section 4. The organization of each Conference or Technical Meeting sponsored by the Council shall include a Steering Committee and a Program Committee whose Chairperson shall be appointed by the President upon the recommendation of the Meetings Committee and with the advice and consent of the Council AdCom. The individual members of the respective committees should be appointed by the above officials. The Meetings Committee, with approval of the Council, may plan, organize and sponsor other activities held in conjunction with Conferences of other societies.

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Section 5. The Publications Committee shall establish publication policy subject to annual review by the Council. It shall assist the appropriate Editors of Council Periodicals in the choice of special topics and in guiding and planning all Publications.

Editors may designate associate editors, special guest editors, and manuscript reviewers, doing so in accordance with general IEEE statements of Policy.

Editorial expenses must be in accordance with an annual budget approved by the Council. Editors may authorize publication expenses, but shall be responsible for adherence to the publication budget.

Section 6. The Nominating Committee shall be appointed by the President of the Council in accordance with the provisions of the Constitution and Article III, Section 1, of these By-Laws. It shall have the duties described in Article III, Sections 1, 2, 3, 4, of these By-Laws. The Chairperson of the Nominating Committee shall be the past president of the Council.

Section 7. The Secretary of the Council shall serve as the Chairperson of the Constitution and By-Laws Committee. Additional members may be appointed by the President upon request of the Council's AdCom.

The functions of the Constitution and By-Laws Committee will be to:

- a. Maintain up-to-date copies of the Constitution and By-Laws and make them available upon request.
- b. Ascertain that the Constitution and By-Laws are not in conflict with any requirements or rules of IEEE Headquarters.
- c. Recommend changes in the Constitution or By-Laws as necessary to conform to the development of the Council or to changes by IEEE Headquarters.
- d. The Chairperson of the Constitution and By-Laws Committee shall serve as Parliamentarian and Consultant on Procedural matters at meetings of the Council AdCom.

ARTICLE V

FINANCES

Section 1. The Treasurer shall submit a proposed Council budget for the ensuing year in accordance with IEEE budget development guidelines. When approved by the Council and the TAB OpCom, this budget shall become the working budget for the following year. This approved budget will constitute authorization to the Treasurer to disburse the funds in amounts not to exceed any budgeted item.

The Treasurer shall be responsible for forwarding to IEEE Headquarters the approved budget, and Headquarters will be thereby authorized to disburse the funds in accordance with instructions from the Treasurer.

The Treasurer shall obtain a financial statement of receipts, expenditures, and balances from IEEE Headquarters at least twice yearly and shall distribute copies of this statement to all members of the Council AdCom. He shall also keep a running account of commitments to date.

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Section 2. The financial support for the Council shall be derived from the income from sales of the Council Periodicals, Books and IEEE Press publications, and from its share of any surplus from the Council sponsored Conferences. The Periodicals subscription prices to members of the Council Member Societies shall be set to be no less than self-sustaining.

When a Council Periodical becomes available, then as soon as feasible after September 30th of each calendar year, the subscription list of the Council's Publications shall be tabulated by IEEE Headquarters, broken down by Council Member Societies. An individual who belongs to more than one Council Society will be counted in each for the purpose of the following calculations.

Section 3. In the event of a distribution of surplus, or payment of a deficit, each Council Member Society shall receive or pay an equal share. However, after the second year of publication of the Council Periodical, another method of distribution or payment shall prevail as explained in the following Section 4.

Section 4. In the event of a distribution of surplus, or payment of a deficit, each Council Member Society shall receive or pay a share according to the ratio of the number of its members who subscribe to the Periodicals to the total number of subscribing members in the Council. For the purpose of determining this ratio, an individual who belongs to more than one Council Member Society shall be counted in each one. Any surplus from the Council sponsored Conferences that has been distributed to the Council may be used for operating expenses, but no other assessment may be made on the Conferences.

Section 5. The Treasurer of Council sponsored Conferences is authorized to open an account in the Conference's name, to be used for the deposit and disbursement of funds related to the Conference. The Council shall be advised of the name of the bank, the anticipated size of the account, the names of the account, signatories and of arrangements for insurance and bonding, all of which must be in accordance with IEEE policies and procedures.

ARTICLE VI

COUNCIL MEETINGS

Section 1. The Secretary shall announce to the members of the Council AdCom all Chairpersons of Standing and Special Committees and appropriate guests of the time, place, and agenda of all meetings of the Council AdCom at least twenty days in advance of the meeting or by first class mail at least twenty-five days in advance of the meeting.

Section 2. A roll call shall be made at the beginning of each Council AdCom meeting. The Secretary shall record the names of those present and announce whether a quorum exists.

Section 3. The Secretary shall transmit in writing within ten days of their adoption all motions, directives, or orders of the Council to the persons affected. He shall transmit a copy of the minutes of the Council AdCom to the officers, members of the Council AdCom, Chairpersons of the Standing and Special Committees, and to the Secretary of the IEEE Technical Activities Board Operating Committee within thirty days of the meeting. As soon after January 1st as practicable, he shall provide a directory listing the names and address of all of the above-mentioned people to each person named therein.

Section 4. The Chairpersons of all Standing Committees who are not voting members of AdCom shall be invited to attend all meetings of the Council AdCom as guests and advisors.

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Section 5. Meetings of the Council AdCom may be cancelled only by consent of a majority of all the members of the Council not less than fourteen days before the original date or the new date set for the meeting, whichever is earlier. Notice of such cancellation or changed date shall be given all Council AdCom members by mail not less than ten days before the original or the new date, whichever is earlier.

Section 6. Meetings of the Council AdCom may be held at international or regional technical meetings or conventions of the IEEE, jointly with a Section, separately, or jointly with another society, whenever such a meeting is deemed desirable by the Council.

By-Laws adopted _____ to be effective _____

TAB 4

May 23, 1989

Editorial Board:
IEEE Transactions on Neural Networks

EDITOR-IN-CHIEF:

Herbert E. Rauch
Lockheed
Engineering Dept. 92-20, Bldg. 254E
3215 Hanover Street
Palo Alto, CA 94304
(415) 424-2704
FAX: (415) 424-3333

NNC APPOINTEES:

Acoustics, Speech and Signal Processing

Richard P. Lippmann
MIT Lincoln Laboratory
P.O. Box 73
Lexington, MA 02173
(617) 981-2711

Circuits and Systems

Anthony N. Michel
Dean, College of
Dept. of Electrical
University of Notre Dame
Notre Dame, IN 46556
(219) 239-5534

Communications

Kesh Bakhru
Cubic Corporation
9333 Balboa Avenue
San Diego, CA 92123
(619) 277-6780, ext. 2648

Control Systems

Bradley Dickinson
Dept. of Electrical Engineering
Princeton University
Princeton, NJ 08544
bradley@ivy.princeton.edu
(609)452-4644

Engineering in Medicine and Biology

Evangelia Tzanakou
Biomedical Engineering
Rutgers University
P.O. Box 909
Piscataway, NJ 08854
(201) 932-2037
etzanako@elbereth.rutgers.edu
FAX:(201)932-5313

Industrial Electronics

H. Troy Nagle
Elec. and Computer Engineering
North Carolina State University
Box 7911
Raleigh, NC 27695
(919) 737-3578
htn@ece-csc.ncsu.edu
FAX:(919)737-7382

Information Theory

Edward C. Posner
Dept. of Electrical Engineering
California Inst. of Technology
1201 California Street
Pasadena, CA 91125
(818) 356-4852

Lasers and Electro-Optics

Kristina Johnson
Dept. of EE & CS
University of Colorado
Campus Box 425
Boulder, CO 80309
(303) 492-1835
kris@boulder.colorado.edu

Robotics and Automation

Wesley E. Snyder
Elec. and Computer Engineering
North Carolina State University
Box 7911
Raleigh, NC 27695
(919) 737-2336
wes@ecelet.ncsu.edu

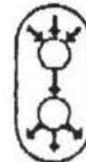
Systems, Man, and Cybernetics

Don Bouldin
Dept. of Electrical & Computer Engin
University of Tennessee
Knoxville, TN 37996-2100
(615) 974-5444
bouldin@sun1.engr.utk.edu



IEEE

NEURAL NETWORKS



Herbert E. Rauch, Editor
IEEE TRANSACTIONS ON
NEURAL NETWORKS
Lockheed 92-20/254 E
3251 Hanover Street
Palo Alto, CA 94304 USA
(415) 424-2704

List of Associate Editors as of May 15, 1989

Prof. Bart A. Kosko
Dept. of Electrical
Engrg.-Systems
University of Southern
California
Los Angeles CA90089

Prof. Panos Antsaklis
Dept. of Electrical and
Computer Engineering
University of Notre Dame
Notre Dame IN 46556

Michael Kuperstein
Neurogen, Inc.
325 Harvard St., Suite 202
Brookline MA 02146

Prof. Nicholas DeClaris
8518 Beauford Drive
Fulton MD 20759

Prof. Anthony N. Michel
College of Engineering
University of Notre Dame
Notre Dame IN 46556

Rolf Eckmiller
Department of Biophysics
Division of Biocybernetics
University of Dusseldorf
D-4000 Dusseldorf 1
FEDERAL REPUBLIC OF GERMANY

Prof. Demetri Psaltis
Electrical Engineering Dept.
M/S 116-81
California Institute of
Technology
Pasadena CA 91125

C. Lee Giles
AFOSR/NE
Building 410
Bolling AFB, DC 20332

Jay P. Sage
MIT Lincoln Laboratory
Room B-438
P.O. Box 73
Lexington MA 02173

Prof. K. S. Narendra
Engineering and Applied
Science Department
Yale University
New Haven CT 06520

Donald F. Specht
Lockheed 91-10/256
3251 Hanover St.
Palo Alto CA 94304

Prof. Evangelia Tzanakou
Biomedical Engineering
Rutgers University
P.O. Box 909
Piscataway NJ 08854

TAB 5

PROPOSAL

for

PUBLICATION

of the

IEEE TRANSACTIONS ON NEURAL NETWORKS

by the

IEEE NEURAL NETWORKS COMMITTEE

which is composed of representatives of the *IEEE* Societies listed in Appendix A

INTRODUCTION AND SUMMARY

This document presents a proposal for an *IEEE Transactions on Neural Networks* sponsored by the *IEEE Neural Networks Committee (NNC)* which is composed of representatives from the *IEEE Societies* listed in Appendix A. The proposed transactions will be a quarterly publication starting in 1990 with 320 pages (including covers). The cost to *IEEE* members in the member societies will be \$10 and the cost to *IEEE* members outside of the member societies will be \$15. The proposed four-year budget shows a small surplus of \$13,000 in 1991 with more modest excesses in the subsequent three years. The proposed budget lists 4000 member subscribers in 1991 plus 1000 in the all-transactions package rising to 5500 member subscribers in 1993. If the current explosive interest in artificial neural networks continues, these figures are quite conservative.

PROPOSAL

Over the past several years, interest has been building in the use of neural networks as an alternative to conventional computation. Some have envisioned neural networks as an alternative to artificial intelligence (AI) as a way to attack problems AI has been unable to solve. The recent explosive growth of activities in neural networks became apparent at the 1987 *IEEE International Conference on Neural Networks* held in San Diego on June 21-24 with over 1600 attendees. This led to the formation of an *IEEE Neural Networks Committee* which has overseen the 1988 *IEEE International Conference on Neural Networks* held in San Diego, July 24-27, 1988 with over 1800 attendees.

The need for a centralized *IEEE* publication in artificial neural networks is parallel to the need for a centralized inter-Society *IEEE Neural Network Committee (NNC)*: there exists a broad spectrum of interest throughout (and from outside) *IEEE* in the topic. There have been a number of neural networks papers and special issues in the publications of *IEEE NNC Societies*. These scattered publications patterns, however, are quite difficult for the ever growing number of neural network researchers to follow. Furthermore, areas of analysis and application include not only those of the member *NNC* societies, but include many other topics such as biologically motivated processing, applications to engineering finance and forecast, and parallels to systems in physics. The current *IEEE* publications are not adequate to cover the ever expanding topical areas in this new field. The proposed publication is intended to supplement rather than replace the publication efforts of *IEEE Societies*.

Establishment of the subject Transaction would provide a valuable service to neural network researchers by making available a high quality apolitical archival publication that is characteristic of *IEEE*. There is little doubt that interest of those not currently in *IEEE* would increase membership through interest of those not currently members.

Background:

Artificial neural networks are concerned with electronic and photonic computing architectures which loosely resemble biological counterparts. The earliest visible work in neural networks was done in the late 1950's and 1960's by Rosenblatt and Widrow. The celebrated Widrow-Hoff algorithm, conceived initially as a training technique for neural networks, is today used in the adaptive channel equalization of virtually all long distance telephone systems to stabilize voice signals.

Interest in neural networks was rekindled by the visibility of the work of Hopfield starting in 1982. The interest in and application of neural networks has escalated

the NNC, the operational matters of the committee. For the duration of the office of Chairman, that individual will not be considered to be a representative of his/her respective Society, therefore able to represent more freely the overall objectives of the NNC. The Chairman's Society will be represented by the other delegate only. On a biennial basis, the NNC shall also elect a Secretary and a Treasurer. In addition to the usual duties regarding minutes, reports, records, etc., the Secretary shall serve as Chairman pro tem in the absence of the Chairman. When the election to office of a Committee member requires an extension of the member's term of appointment by the sponsoring Society, it is expected that such an extension will take place. This extension will be for either one or two years as necessary, to maintain the staggered appointment with the other delegate.

IMPLEMENTATION

This agreement shall be acted upon by the President of each sponsoring Society on behalf of the respective Administrative Committee or Board of Governors. Should any choose not to participate in this agreement, it is understood that their allocated positions on the NNC AdCom and their participation in sponsoring or funding of its activities shall be voided. The letter will be a binding agreement upon the parties when approved by their respective administrative committees and approved by the appropriate IEEE board(s). The original of this letter and of signed letters of transmittal indicating sponsorship agreement from the respective IEEE Societies will become a part of TAB records.

Once the NNC has been established, other IEEE Societies can petition to become members of the Committee. Such Societies must demonstrate that they have been active in the area of Neural Networks in the last two years. A two thirds majority vote is required by the NNC for admission of new members.

A Society can indicate its intent to withdraw from the NNC at any time. However, the withdrawing Society shall continue to be financially responsible for its share of future NNC activities which have been approved by the NNC prior to the date of withdrawal. If a Society withdraws from the NNC, its share in future NNC activities is divided equally among the remaining members.

FINANCIAL MATTERS

All member Societies share equally in the financial responsibilities of the NNC. Budgets requiring NNC approval shall be submitted to the sponsoring Societies at least sixty days in advance of the NNC vote, so that the sponsoring Societies can instruct their representatives accordingly. Budgets will be approved by majority vote of the committee.

The NNC shall be authorized to establish a reserve fund from which it can maintain its own operations. The fund shall be used to make cash advances to conferences sponsored by the NNC and to support the operating expenses of the Committee. The level of this reserve shall be 50% of the approved operating budget (including conference commitments) for the last year's operations. All monies above this level will be

distributed to the sponsoring Societies on an equal basis at the close of the IEEE fiscal year.

AMENDMENTS

Changes in the procedures specified in this letter will be enacted by amendments to be approved by a two thirds majority of the sponsoring Societies.

Date _____

Agreed by _____

(Name)

(Office)

(Society)

-
1. The Computer Society has apparently chosen not to participate in the NNC (12/21/88, Robert J. Marks II, NNC Chairman pro tem).

March 1, 1989

IEEE Neural Network Committee

Robert J. Marks II, Chairman pro tem
Evangelia Tzanakou, Secretary pro tem

Wesley E. Snyder, Treasurer

Acoustics, Speech and Signal Processing

Richard P. Lippmann
MIT Lincoln Laboratory
P.O. Box 73
Lexington, MA 02173
(617) 981-2711

B. H. Juang
AT&T Bell Laboratories 2d 534
600 Mountain Avenue
Murray Hill, NJ 07974
(201) 582-2002

Circuits and Systems

Robert J. Marks II
Interactive Systems Design Laboratory
University of Washington
Seattle, WA 98195
(206) 543-6990
marks@blake.acs.washington.edu
FAX:(206)543-3842

Robert W. Newcomb
Microsystems Laboratory
Electrical Engineering Dept.
University of Maryland
College Park, MD 20742
(301) 454-6869
newcomb@eneevax.umd.edu
FAX:(301)454-1837

Communications

Kesh Bakhru
Cubic Corporation
9333 Balboa Avenue
San Diego, CA 92123
(619) 277-6780, ext. 2648

(Vacant)

Control Systems

Herbert E. Rauch
Lockheed
Dept. 92-20, Bldg. 254E
3215 Hanover Street
Palo Alto, CA 94304
(415) 424-2704
FAX:(415)424-3333

Bradley Dickinson
Dept. of Electrical Engineering
Princeton University
Princeton, NJ 08544
(609)452-4644

Engineering in Medicine and Biology

Evangelia Tzanakou
Biomedical Engineering
Rutgers University
P.O. Box 909
Piscataway, NJ 08854
(201) 932-2037
etzanako@elbereth.rutgers.edu
FAX:(201)932-5313

[Best Western] 619-224-3254 - Mon
Russell Eberhart
JHU Applied Physics Laboratory
Johns Hopkins Road
Laurel, MD 20707
(301) 953-5037
rce1%aplvm.bitnet@uwavm.acs.
washington.edu

Industrial Electronics

H. Troy Nagle
Elec. and Computer Engineering
North Carolina State University
Box 7911
Raleigh, NC 27695
(919) 737-3578
FAX:(919)737-7382

Yoichi Okabe
Dept. of Electronic Engineering
University of Tokyo
7-3-1, Hongo, Bunkyo-ku
Tokyo 113, Japan
81-3-812-2111, ext. 6664

Information Theory

Edward C. Posner
Dept. of Electrical Engineering
California Inst. of Technology
1201 California Street
Pasadena, CA 91125
(818) 356-4852

Yasser S. Abu-Mustafa
Dept. of Electrical Engineering
California Inst. of Technology
1201 California Street
Pasadena, CA 91125
(818) 356-4842

Lasers and Electro-Optics

Joseph W. Goodman
Dept. of Electrical Engineering
Stanford University
McCullough 150
Stanford, CA 94305-4055
(415) 723-3304
goodman@sierra.stanford.edu

Kristina Johnson
Dept. of EE & CS
University of Colorado
Campus Box 425
Boulder, CO 80309
(303) 492-1835
kris@boulder.colorado.edu

Robotics and Automation

Wesley E. Snyder
Elec. and Computer Engineering
North Carolina State University
Box 7911
Raleigh, NC 27695
(919) 737-2336
wes@ecelet.ncsu.edu

(Vacant)

Systems, Man, and Cybernetics

Nicholas DeClariss*
8518 Beauford Drive
Fulton, MD 20759
(202) 357-7692
declaris%medinfo.uucp@umbc3.umbc.edu

Don Bouldin*
Dept. of Electrical & Computer Eng.
University of Tennessee
Knoxville, TN 37996-2100
(615) 974-5444
bouldin@sun1.engr.utk.edu

*acting

May 1, 1989

IEEE Neural Networks Committee Members And Member Society Presidents

Robert J. Marks II, Chairman pro tem
Evangelia Tzanakou, Secretary pro tem
Wesley E. Snyder, Treasurer

Acoustics, Speech and Signal Processing

Richard P. Lippmann
MIT Lincoln Laboratory
P.O. Box 73
Lexington, MA 02173
(617) 981-2711

B. H. Juang
AT&T Bell Laboratories 2d 534
600 Mountain Avenue
Murray Hill, NJ 07974
(201) 582-2002

D. M. Etter, President
EECE Department
University of New Mexico
Albuquerque, NM 87131
(505) 277-6564

Circuits and Systems

Robert J. Marks II
Interactive Systems Design Laboratory
University of Washington
Seattle, WA 98195
(206) 543-6990
marks@blake.acs.washington.edu
FAX:(206)543-3842

Anthony N. Michel
Dean, College of Engineering
Dept. of Electrical Engineering
University of Notre Dame
Notre Dame, IN 46556
(219) 239-5534

A. N. Michel, President
Dean, College of Engineering
Dept. of Electrical Engineering
University of Note Dame
Notre Dame, IN 46556
(219) 239-5534

Communications

Kesh Bakhru
Cubic Corporation
9333 Balboa Avenue
San Diego, CA 92123
(619) 277-6780, ext. 2648

(Vacant)

John C. McDonald, President
Contel Corporation
375 Park Avenue, Suite 2405
New York, NY 10152
(212) 758-6161

Control Systems

Herbert E. Rauch
Lockheed
Dept. 92-20, Bldg. 254E
3215 Hanover Street
Palo Alto, CA 94304
(415) 424-2704
FAX: (415) 424-3333

Bradley Dickinson
Dept. of Electrical Engineering
Princeton University
Princeton, NJ 08544
bradley@ivy.princeton.edu
(609)452-4644

Jane K. Cullum, President
33-259
IBM Research Division
T. J. Watson Research Center
P. O. Box 218, Route 134
Yorktown Heights, NY 10598
(914) 945-2227

Engineering in Medicine and Biology

Evangelia Tzanakou
Biomedical Engineering
Rutgers University
P.O. Box 909
Piscataway, NJ 08854
(201) 932-2037
etzanako@elbereth.rutgers.edu
FAX:(201)932-5313

Russell Eberhart
JHU Applied Physics Laboratory
Johns Hopkins Road
Laurel, MD 20707
(301) 953-5037
rce1%aplvm.bitnet@uwavm.acs.
washington.edu

Willis J. Tompkins, President
Electrical & Computer Engineering
University of Wisconsin
1415 Johnson Drive
Madison, WI 53706-1691
(608) 263-1581

Industrial Electronics

H. Troy Nagle
Elec. and Computer Engineering
North Carolina State University
Box 7911
Raleigh, NC 27695
(919) 737-3578
htn@ece-csc.ncsu.edu
FAX:(919)737-7382

Yoichi Okabe
Dept. of Electronic Engineering
University of Tokyo
7-3-1, Hongo, Bunkyo-ku
Tokyo 113, Japan
81-3-812-2111, ext. 6664

Fernando Aldana, President
Universidad Politecnica de Madrid
Avda. Ramiro de Maeztu, s/n
Cuidad Universitaria
E-28040 Madrid, SPAIN
34-1-234 37 09

Information Theory

Edward C. Posner
Dept. of Electrical Engineering
California Inst. of Technology
1201 California Street
Pasadena, CA 91125
(818) 356-4852

Yasser S. Abu-Mustafa
Dept. of Electrical Engineering
California Inst. of Technology
1201 California Street
Pasadena, CA 91125
(818) 356-4842

Ian F. Blake, President
Dept. of Electrical Engineering
University of Waterloo
Waterloo, Ontario, Canada N2L 3G1
(519) 885-1211 Ext. 2840

Lasers and Electro-Optics

Joseph W. Goodman
Dept. of Electrical Engineering
Stanford University
McCullough 150
Stanford, CA 94305-4055
(415) 723-3304
goodman@sierra.stanford.edu

Kristina Johnson
Dept. of EE & CS
University of Colorado
Campus Box 425
Boulder, CO 80309
(303) 492-1835
kris@boulder.colorado.edu

Melvin I. Cohen, President
AT&T Bell Laboratories
P. O. Box 900
Princeton, NJ 08540
(609) 639-2223

Robotics and Automation

Wesley E. Snyder
Elec. and Computer Engineering
North Carolina State University
Box 7911
Raleigh, NC 27695
(919) 737-2336
wes@ecelet.ncsu.edu

(Vacant)

Arthur C. Sanderson, President
Electrical, Computer & Systems Engineering
Rensselaer Polytechnic Institute
110 Eighth Street
Troy, NY 12180
(518) 276-2879

Systems, Man, and Cybernetics

Nicholas DeClaris
8518 Beauford Drive
Fulton, MD 20759
(202) 357-7692
declaris%medinfor.uucp@umbc3.umbc.edu

Don Bouldin
Dept. of Electrical & Computer Engineering
University of Tennessee
Knoxville, TN 37996-2100
(615) 974-5444
bouldin@sun1.engr.utk.edu

Arye R. Ephrath, President
Bell Communications Research, Inc.
444 Hoes Lane
Room 4D-512
Piscataway, NJ 08854
(201) 699-4129

March 1, 1989

IEEE Neural Network Committee

Robert J. Marks II, Chairman pro tem
Evangelia Tzanakou, Secretary pro tem

Wesley E. Snyder, Treasurer

Acoustics, Speech and Signal Processing

Richard P. Lippmann
MIT Lincoln Laboratory
P.O. Box 73
Lexington, MA 02173
(617) 981-2711

B. H. Juang
AT&T Bell Laboratories 2d 534
600 Mountain Avenue
Murray Hill, NJ 07974
(201) 582-2002

Circuits and Systems

Robert J. Marks II
Interactive Systems Design Laboratory
University of Washington
Seattle, WA 98195
(206) 543-6990
marks@blake.acs.washington.edu
FAX:(206)543-3842

Robert W. Newcomb
Microsystems Laboratory
Electrical Engineering Dept.
University of Maryland
College Park, MD 20742
(301) 454-6869
newcomb@eneevax.umd.edu
FAX:(301)454-1837

Communications

Kesh Bakhru
Cubic Corporation
9333 Balboa Avenue
San Diego, CA 92123
(619) 277-6780, ext. 2648

(Vacant)

Control Systems

Herbert E. Rauch
Lockheed
Dept. 92-20, Bldg. 254E
3215 Hanover Street
Palo Alto, CA 94304
(415) 424-2704
FAX:(415)424-3333

Bradley Dickinson
Dept. of Electrical Engineering
Princeton University
Princeton, NJ 08544
(609)452-4644

Engineering in Medicine and Biology

Evangelia Tzanakou
Biomedical Engineering
Rutgers University
P.O. Box 909
Piscataway, NJ 08854
(201) 932-2037
etzanako@elbereth.rutgers.edu
FAX:(201)932-5313

Russell Eberhart
JHU Applied Physics Laboratory
Johns Hopkins Road
Laurel, MD 20707
(301) 953-5037
rce1%aplvm.bitnet@uwavm.acs.
washington.edu

Industrial Electronics

H. Troy Nagle
Elec. and Computer Engineering
North Carolina State University
Box 7911
Raleigh, NC 27695
(919) 737-3578
FAX:(919)737-7382

Yoichi Okabe
Dept. of Electronic Engineering
University of Tokyo
7-3-1, Hongo, Bunkyo-ku
Tokyo 113, Japan
81-3-812-2111, ext. 6664

Information Theory

Edward C. Posner
Dept. of Electrical Engineering
California Inst. of Technology
1201 California Street
Pasadena, CA 91125
(818) 356-4852

Yasser S. Abu-Mustafa
Dept. of Electrical Engineering
California Inst. of Technology
1201 California Street
Pasadena, CA 91125
(818) 356-4842

Lasers and Electro-Optics

Joseph W. Goodman
Dept. of Electrical Engineering
Stanford University
McCullough 150
Stanford, CA 94305-4055
(415) 723-3304
goodman@sierra.stanford.edu

Kristina Johnson
Dept. of EE & CS
University of Colorado
Campus Box 425
Boulder, CO 80309
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Wesley E. Snyder
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North Carolina State University
Box 7911
Raleigh, NC 27695
(919) 737-2336
wes@ecelet.ncsu.edu

(Vacant)

Systems, Man, and Cybernetics

Nicholas DeClaris*
8518 Beauford Drive
Fulton, MD 20759
(202) 357-7692
declaris%medinfo.uucp@umbc3.umbc.edu

Don Bouldin*
Dept. of Electrical & Computer Eng.
University of Tennessee
Knoxville, TN 37996-2100
(615) 974-5444
bouldin@sun1.engr.utk.edu

(301) 328 8013 - FAX

(301) 776 5571

202 357-7962

*acting

Handwritten notes:
-9618 - NSF
454-7398
301

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ported the latest advances and neurocomputing technology.

The IEEE ICNN-88 exhibit hall was divided into three functional areas: an exhibit area, a lounge, and an area for poster sessions. The exhibit area accommodated 60 booths and could be expanded if necessary. Plans included a lounge where visitors could relax and refresh themselves, and a poster area where the overflow of excellent and deserving papers could be presented. The exhibit area featured four centrally located eight-booth islands--twice as many as at ICNN-87.

Exhibit Classes:

Exhibit space was offered in three classes: commercial (CO), academic-publisher (AP), science fair (SF).

Definitions Used:

Commercial exhibitors were those exhibitors who are engaged in the development or production of neural network related products with the sale of these products and profit as their chief aim.

Academic exhibitors were those from colleges and universities whose aim it is to demonstrate current research efforts related to neural networks.

The *publisher* exhibit category included publishers of neural network related books, magazines and newsletters who through such media help disseminate the interest in neural network technology and related knowledge.

The *science fair* category included exhibits by students and others interested in advancing neural network technology who did not qualify to exhibit as commercial exhibitors.

Prices and Discounts:

Prices and discounts for exhibit booths are as designated below. Discounts were provided to encourage early registration of exhibitors.

Terms: The schedule of booths fees in U. S. dollars was:

	<u>Regular</u>	<u>Discount</u>	<u>Deposit</u>
Commercial (full booth)	950	800	200
Academic-Publisher (full booth)	550	400	100
Science fair (half booth)	200	150	50

The discounted fee was available on or before May 1, 1988. A deposit was required to hold each booth ordered before June 1, 1988. Full payment was required for each booth ordered by June 1, 1988.

Sales:

Exhibit space was sold in standard 8x10 foot booth units with the exception of the science

CONTENTS:

COVER LETTER & AGENDA	
NNC MINUTES FROM NIPS MEETING...	...TAB 1
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NEURAL NETWORK <i>COUNCIL</i> CONSTITUTION DRAFT...	...TAB 3
IEEE TRANSACTIONS ON NEURAL NETWORKS: PERSONNEL...	...TAB 4
PROPOSAL...	...TAB 5
ICNN '88 FINAL REPORT...	...TAB 6
IJCNN '90 WINTER MEETING: PROPOSED BUDGET...	...TAB 7
IJCNN '90 SUMMER FRANCE MEETING...	...TAB 8
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NNC MEMBERS & MEMBER SOCIETY PRESIDENTS...	...TAB 10
THE NNC CHARTER...	...TAB 11
THE IEEE NNC - INNS IJCNN AGREEMENT...	...TAB 12
IEEE APPOINTEES TO THE OVERSIGHT COMMITTEE...	...TAB 13

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990 (office), 543-6061 (secretary),
543-2150 (main office), 776-8995 (home), 543-3842 (FAX).
marks@blake.acs.washington.edu

5-23-89

Dear IEEE Neural Network Committee (NNC) Members:

Our next meeting will be at 8:00 PM in the Truman Room at the Washington DC Sheraton. You are invited to a dinner at 7:00 before the meeting in the Warren Room. The Oversight Committee will meet at 6:00 in the Truman Room.

Our proposed agenda is:

- ◆ **Minutes & Reports** (Marks)
 - Approval of Minutes ... tab 1
 - Reports:
 - Chairman pro tem* (Marks)
 - Secretary* (Tzanakou)
 - Treasurer* (Snyder/Nagle)
- ◆ **Governance** (Marks)
 - Nominations Sub-Committee (Ephremides)
 - Report*
 - Nominations*
 - Elections*
 - Neural Network Committee Constitution ... tab 2
 - Adoption Proposal* (Marks/Tzanakou/Rauch)
 - Neural Network Council Constitution Draft ... tab 3
 - Discussion* (Marks/Tzanakou/Rauch)
- ◆ **IEEE Trans. on Neural Networks** (Rauch)
 - Personnel ... tab 4
 - Proposal Status ... tab 5
 - Other Items
- ◆ **Conference Status**
 - ICNN '88 Final Report ... tab 6
 - IJCNN '89 Status Report (Snyder/Stubberud)
 - Oversight Committee Report (DeClaris)
 - IJCNN '90 Winter Meeting* ... tab 7
 - IJCNN '90 Summer Europe Meeting* ... tab 8
 - IJCNN '90 Summer & IJCNN '91 Summer* ... tab 9
 - Other Publication Items
- ◆ **Other Business**
- ◆ **Adjourn**

ALSO IN THIS BOOKLET ARE SOME REFERENCE ITEMS:

- ◆ A current list of NNC members and member society Presidents ... tab 10
- ◆ The Charter of the NNC ... tab 11
- ◆ The IEEE NNC-INNS agreement about IJCNN's ... tab 12
- ◆ Current and near future IEEE appointees to the IJCNN Oversight Committee ... tab 13

Sincerely,



Robert J. Marks II
NNC Chairman pro tem

cc: Member Society Presidents
A. Ephremides, Division 10 Director
IJCNN Co-Chairs listed in tab 9
IEEE NNC Oversight Committee Appointees listed in tab 13

TAB 1

dramatically. There have been significant demonstrations of neural networks applications in fields such as vision, speech, signal processing, pattern recognition, robotics and combinatorics. Characteristic of the current classification abilities of neural networks is *Nestor Inc.'s Kanji Character Recognizer* which translates handwritten Kanji characters into English. The system can accurately recognize approximately 2,500 handwritten Kanji characters better than 92% of the time. This compares quite favorably with the average Japanese reader who is capable of recognizing between 1,800 and 3,000 characters and has an intellectual grasp of perhaps 10,000 characters. Similar examples are numerous.

A large number of significant start-up companies dedicated primarily to neural networks have appeared in the last few years. A number of larger companies, including Bell Labs, Bellcore, Boeing, NTT, British Aerospace, Rockwell, Lockheed, TI and Hughes all have neural networks research programs. Government sponsored initiatives from both DoD and NSF are numerous. DARPA, for example, has recently announced a thirty three million dollar program for neural network research. MITE has a multi-million dollar initiative for neural network research in Japan. Cal Tech, USC and Boston University have all recently developed curricula dedicated to the study of neural networks.

A number of neural network journals supported by commercial publishing houses have recently been initiated. Now is the time for *IEEE* to launch a high quality publication in neural networks if it is to play a significant role in this growing field. Although this proposal calls for a quarterly publication of 320 pages, we anticipate a growth to 600 pages in the fourth year.

I SCOPE OF THE PROPOSED TRANSACTIONS

The IEEE Transactions on Neural Networks will publish high quality technical papers on the science and technology of neural networks which disclose significant technical knowledge, exploratory developments and applications of neural networks from biology to software to hardware. Emphasis will be given to *artificial* neural networks. Biological neural networks are included only to the extent where their understanding will enhance the fields of artificial neural networks or biological engineering. Specific acceptable categories include the following aspects of neural networks:

1. self organizing systems
2. neurobiological connections
3. network dynamics
4. network architectures
5. learning algorithms
6. associative memories
7. image processing
8. vision
9. speech recognition
10. combinatorial optimization
11. electronic implementation
12. photonic implementation
13. robotic and controls
14. novel applications

The Transactions will also contain a Letters section dedicated to rapid publication of short correspondences concerning new research results.

II SPONSORSHIP

The Transactions is to be sponsored by the *IEEE Neural Networks Committee* which is composed of the member Societies listed in Appendix A. As a result of the success of the *1988 IEEE International Conference on Neural Networks* held in San Diego, California on July 24-27, 1988, there is a slight surplus which accrued to the NNC. This was the second such conference as the *1987 IEEE International Conference on Neural Networks* was held in San Diego on June 21-24, 1987. The first *IEEE International Joint Conference on Neural Networks*, to be jointly sponsored by the *IEEE NNC* and the *International Neural Network Society*, will be held for the first time in June of 1989. Plans call for holding this conference twice yearly thereafter.

III. ADMINISTRATIVE MANAGEMENT OF THE JOURNAL

The management of the Journal shall be vested in an Editorial Board (hereafter, the Board) composed of voting members with one member nominated by each Society which is a member of the *IEEE Neural Networks Committee*. Each board member must be a member of the NNC. In other words, when a member *IEEE* Society appoints two members to the NNC, one of those two will be designated as a member of the Board.

Furthermore, an Editor-in-Chief (hereafter, Editor) of the Transactions (who need not be an NNC member) will serve as a non-voting member of the Board.

The Editor shall be selected by the Board. The Editor may be removed by a two-third majority vote of the Board. The term of office for the Editor shall be three years, renewable by the Board. The Editor-in-Chief shall nominate Associate Editors to be approved by the Board. A Board member may be an Associate Editor but may not in any way participate in the discussion or vote concerning their own nomination.

The Chairman of the Board shall be one of the appointed Board members and shall be elected annually by the Board. One Board member shall be selected to serve as Secretary-Treasurer. If a vacancy develops on the Board, the appropriate Organization shall designate a replacement. If the Chair resigns or is absent, the Secretary-Treasurer shall act as Chair pro tem.

All actions of the Board, except removal of the Editor, shall be by majority vote of the Board.

IV. EDITORIAL POLICY

Editorial selection and review shall be consistent with policies and practices of the *IEEE*.

There shall be no commercial advertising in the Journal. However, each of the *IEEE* Societies that are NNC members shall be entitled to place announcements featuring its publications or events to the extent of one full page in each issue, free of charge, or in amounts as may be mutually determined by the Board.

The papers for the initial issues can be obtained from individual solicitation and from papers submitted to the *1989 IEEE International Conference on Neural Networks (IJCNN)*. Final copies of the papers for the *1989 IJCNN* are due by February 1989. This will allow ample lead time for the preparation of the first Transactions issue.

V. FINANCES

The budget for each calendar year shall be developed by the Board for approval by the *IEEE Neural Networks Committee* and for submission to the *IEEE* for final approval.

The budget shall include all customary *IEEE* Expense and Income items.

Attachment B shows the input data used in the financial analysis. Attachment C shows the financial projection for the years 1990 to 1993. All financial data are in terms of 1990 dollars.

Appendix A

MEMBERSHIP STATISTICS

Membership Statistics relative to constituent societies of *IEEE Neural Network Committee* as of January 1, 1989:

<u>Society</u>	<u>Number of Members</u>
ASSP	14,651
CAS	13,837
COMMUNICATIONS	27,752
CONTROL SYSTEMS	10,000
ENG & MED BIO	7,235
IND ELECTRONICS	5,351
INF THEORY	5,153
LASERS ELECT OP SOC	6,397
ROBOTIC AND AUTOMATION	6,395
SYSTEMS MAN & CYBER	4,480
	<hr/>
Total	101,251

Appendix B

FINANCIAL INPUT DATA

The expense numbers here are for a quarterly publication with 320 pages (including covers). This data was supplied by Otto Vathke (212) 705-7551 from the *IEEE* Publications. The expense numbers are for the cost in 1989 so they are increased by 5% to represent costs in 1990 as shown in the Proposed Budget in Appendix C.

ESTIMATE FOR NEW TRANS.

Total # pages/year	320		
Total # of issues/year	4		
Pages incl. covers-1 issue	80		
Print Order	5000		Totals
# of 32-page B&W forms	2		64
# of 8-page B&W forms	1		8
# of 4-page B&W forms	1		4
	No. forms	4	No. pages
			76

FIXED COSTS:

Editorial:	80 pp @ \$ 43.00	3440.00
Comp & Layout:	80 pp @ \$ 54.50	4360.00
Camera:	80 pp @ \$ 2.67	213.60
Press:	32's	396.26
		306.29
	8's	297.90
		.00
	4's	100.90
	C&F	32.80
		5134.14
Outside covers:		
2 color, pass 1 side	132.37	
Run	161.60	
Inside covers:		
1 color, pass 1 side	60.21	
Run	62.35	
Cut & Score	10.95	427.48
Binding:	287.34	287.34

VARIABLE COSTS:

Press:	32's, 24's,	224.40
--------	-------------	--------

Appendix B
Page 2

Mailing labor		310.97
Mailing labels:	5000 labs @ \$.040	200.00
Postage		987.19
Paper:	Text: 999.16	
	Cover: 185.64	1184.80
Subtotal		<u>12846.38</u>
Pub Admin Costs:		
	80 pp @ \$3.90/page	312.00
	Cost per issue	<u>218.00</u>
TOTAL PER ISSUE		13376.38
TOTAL PER YEAR 1988		53505.50
COST PER PAGE 1988		167.20

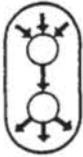
Note: This estimate does not include cost of servicing nonmember subscriptions. Postage does not include extra cost for overseas air mail (which is paid for directly by subscriber). Postage is based on average distribution between domestic and overseas regular mail.

Appendix C

Proposed Transactions on Neural Networks
 Budget Estimates 1990 to 1993

Year	1990	1991	1992	1993
Number of Pages:	320	400	496	592
Ind. Non Member Rate	\$75.0	\$75.0	\$90.0	\$90.0
Member Fee	\$10.0	\$10.0	\$13.0	\$13.0
Number of Copies:				
Full Trans. Package	1000	1000	1000	1000
Member Subs.	4000	4500	5000	5500
Total Printrun	<u>5000</u>	<u>5500</u>	<u>6000</u>	<u>6500</u>
Costs:				
Prod. and Distr.	56.0	67.8	87.1	102.9
Indexing	1.0	1.4	1.6	1.8
Direct Editorial Exp.	10.0	14.0	16.0	18.0
Total Costs	<u>67.0</u>	<u>83.2</u>	<u>104.7</u>	<u>122.7</u>
Income:				
Member Fees	40.0	45.0	65.0	71.5
Full Trans. Package	40.0	47.0	52.0	56.0
Total Income:	<u>80.0</u>	<u>92.0</u>	<u>117.0</u>	<u>127.0</u>
Net:	+13.0	+8.8	+12.3	+4.3

TAB 6



IEEE ANNUAL
INTERNATIONAL CONFERENCE
ON NEURAL NETWORKS
3770 Tansy Street
San Diego, CA 92121

Sponsored by the IEEE San Diego Section

IEEE International Conference on Neural Networks 1988

CONFERENCE FINAL REPORT

TUTORIALS FINAL REPORT

IEEE SAN DIEGO SECTION DONATION FINAL REPORT

December 1988

prepared by

**Robert Hecht-Nielsen
Organizing Committee Chair**

IEEE Proprietary

IEEE International Conference on Neural Networks 1988

CONFERENCE FINAL REPORT

December 1988

CONTENTS

Overview

Technical Program

Charter

Preliminary Budget

Final Budget

Overview

IEEE ICNN-88 was the 1988 installment of a conference series devoted to the technology of neurocomputing in its academic, industrial, commercial, consumer, military, and biomedical engineering aspects. The series was sponsored by the IEEE San Diego Section and the IEEE Technical Activities Board Neural Network Committee (NNC), which was formally created in Spring 1988. IEEE Technical Societies participated in the meeting via membership in the NNC. The following Societies were affiliated with NNC at the time of the Conference:

- Acoustics, Speech, and Signal Processing Society
- Control Systems Society
- Engineering in Medicine and Biology Society
- Industrial Electronics Society
- Information Theory Society
- Lasers and Electro-Optics Society
- Systems, Man, and Cybernetics Society
- Communications Society

IEEE ICNN-87 (the first conference in the series) was held at the Sheraton Harbor Island Hotel in San Diego, California on Sunday 21 June thru Wednesday 24 June 1987 (Tutorials were held at the hotel on Saturday 20 June 1987). This conference was both a technical and a financial success. It was cosponsored by the IEEE Systems, Man, and Cybernetics Society and it was held with the cooperation of the IEEE Control Systems and Engineering in Medicine and Biology Societies. A sizable surplus was produced, some of which was made available by the IEEE San Diego Section to fund up-front costs for IEEE ICNN-88.

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IEEE ICNN-88 was held at the Sheraton Harbor Island Hotel in San Diego, California on Sunday 24 July thru Wednesday 27 July 1988. Tutorials, which were not part of the Conference this year, were held at the hotel on Saturday 23 July 1988. The tutorials were organized and run by the IEEE San Diego Section Tutorials Committee for, and under the direction of, the IEEE Educational Activities Board. The Final Report for the Tutorials accompanies this report. Also, the IEEE San Diego Section provided a donation to the conference that was used to pay the travel, lodging, and per diem expenses of certain Technical Session Chairs. The Final Report for this donation also accompanies this report. The emphasis in this year's conference was to fix the minor problems identified with IEEE ICNN-87, to run a highly successful IEEE ICNN-88 (both technically and financially), and to establish the NNC as a long-term, stable, technical coalition that can successfully organize and run future conferences in the series in a consistent manner.

Technical Program

IEEE ICNN-88 was organized by the following committees:

IEEE ICNN-88 Steering Committee:

- Larry Hamerman, Chair, IEEE San Diego Section*
- Michael J. Aronstein, Vice Chair, IEEE San Diego Section
- Kesh Bakru, Past Chair, IEEE San Diego Section*
- Fernando Aldana, IEEE TAB Neural Network Committee
- Troy Nagle, IEEE TAB Neural Network Committee

* member of IEEE San Diego Section Oversight Committee

IEEE ICNN-88 Conference Committee

Conference Chair: Teuvo Kohonen, Helsinki Technical University, FINLAND
(honorary position)

International Chairs: Shunichi Amari, University of Tokyo, JAPAN
(honorary positions) Kunihiko Fukushima, NHK Laboratories, JAPAN

- Robert Hecht-Nielsen, Chair
- Michael Aronstein - Finance Committee Chair
- Cleveland Donnelly, Hospitality Committee Chair
- Bart Kosko, Program Committee Chair
- Tony Materna, Publicity Committee Chair
- Martin McNeill, Local Arrangements Committee Chair
- Richard Rea, Exhibits Committee Chair
- Patrick Simpson, Tutorials Committee Chair
- Rod Taber, Poster Session Chair
- Joseph Bronzino, IEEE TAB Neural Network Committee
- William Freedman, IEEE TAB Neural Network Committee

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IEEE ICNN-88 Program Committee

- Bart Kosko, Chair
- Shunichi Amari, Tokyo University, JAPAN
- James Anderson, Brown University
- Michael Arbib, University of Southern California
- Elie Bienenstock, University of Paris - South, FRANCE
- Eduardo R. Caianiello, University of Salerno, ITALY
- Gail Carpenter, Northeastern University
- David Casasent, Carnegie-Mellon University
- John Caulfield, University of Alabama at Huntsville
- Leon Cooper, Nestor, Inc. and Brown University
- John Daugman, Harvard University
- Rolf Eckmiller, University of Dusseldorf, GERMANY
- Charles Elbaum, Nestor, Inc. and Brown University
- Jeffrey Elman, University of California at San Diego
- Walter Freeman, University of California at Berkeley
- Kunihiro Fukushima, NHK Laboratories, Tokyo, JAPAN
- Lee Giles, Air Force Office of Scientific Research
- Joseph Goodman, Stanford University
- Stephen Grossberg, Boston University
- Dan Hammerstrom, Oregon Graduate Center
- Robert Hecht-Nielsen, HNC, Inc. and University of California at San Diego
- John Hertz, Nordita, Denmark
- Morris Hirsch, University of California at Berkeley
- Bobby Hunt, SAIC, Tucson
- Keith Jenkins, University of Southern California
- Teuvo Kohonen, Helsinki University of Technology, FINLAND
- Christopher von der Malsburg, University of Southern California
- Carver Mead, California Institute of Technology
- Marvin Minsky, MIT
- Andras Pellionez, New York University
- David Rumelhart, Stanford University
- Tom Schwartz, Schwartz Associates
- Terrence Sejnowski, Johns Hopkins University
- Ira Skurnick, DARPA
- Bernard Soffer, Hughes Research Lab
- Allen Stubberud, National Science Foundation
and University of California at Irvine
- Harold Szu, Naval Research Laboratory
- Carme Torras, Cybernetics Institute, Barcelona, SPAIN
- Paul Werbos, NSF and Energy Information Administration
- Bernard Widrow, Stanford University
- David Willshaw, University of Edinburgh
- Lofti Zadeh, University of California at Berkeley

Publications Committee

- no Chair
- Carol Bonomo

IEEE Proprietary

- Bart Kosko

Publicity Committee

- Tony Materna, Chair

Finance Committee

- Michael Aronstein, Chair
- Herb Rausch, IEEE TAB Neural Network Committee
- Al Stubberud, IEEE TAB Neural Network Committee

Exhibits Committee

- Richard Rea, Chair

Hospitality Committee

- Cleveland Donnelly, Chair

Local Arrangements Committee

- Martin McNeill, Chair

The Conference Technical Program consisted of Technical Sessions, Plenary Sessions, and receptions. These are now described by titles and Chairs:

SUNDAY, 24 July 1988

Morning Technical Sessions (8am - 12pm)

Self-Organization..... Teuvo Kohonen
David Willshaw

Network Dynamics..... Morris Hirsch

Afternoon Technical Sessions (1:30pm-5:30 pm)

Associative Memory..... Bart Kosko
Carme Torras

Learning Algorithms I..... James Anderson
Elie Bienenstock

IEEE Proprietary

MONDAY, 25 July 1988:

Morning Technical Sessions (8am - 12pm)

- Network Architectures I..... John Hertz
Bobby Hunt
- Learning Algorithms II..... Paul Werbos
Bernard Widrow

Afternoon Technical Sessions (1:30pm-5:30pm)

- Image Processing David Casasent
John Daugman
- Network Architectures II..... Shunichi Amari
Charles Elbaum

TUESDAY, 26 July 1988

Morning Technical Sessions (8am - 12pm)

- Vision..... Kunihiro Fukushima
Christopher von der Malsburg
- Neurobiological Connections..... Michael Arbib
Walter Freeman

Afternoon Technical Sessions (1:30pm-5:30pm)

- Speech Recognition & Synthesis..... Jeffrey Elman
Terrence Sejnowski
- Electronic Neurocomputers..... Donald Hammerstrom
Robert Hecht-Nielsen

WEDNESDAY, 27 July 1988

Morning Technical Sessions (8am - 12pm)

- Optical Neurocomputers..... Joseph Goodman
Keith Jenkins
- Combinatorial Optimization..... Bernard Soffer
Harold Szu

Afternoon Technical Sessions (1:30pm-5:30pm)

- Novel Applications..... Lee Giles

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Robotics & Control..... Rolf Eckmiller
Andres Pellionez

Plenary Sessions and Reception (the evenings of Saturday 23 July, Sunday 24 July, Monday 25 July, and Tuesday 26 July 1988)

SATURDAY, 23 July 1988

Wine and Cheese Reception - (6pm - 8pm)
Industry Panel - Tom Schwartz, Moderator - (8pm - 10pm)

SUNDAY, 24 July 1988

Plenary Session I (7pm - 10pm):
On Neural Networks (Keynote Speech) - Marvin Minsky
Parallel Distributed Processing - David Rumelhart
Architectures for Neural Preprocessing - Carver Mead

MONDAY, 25 July 1988

Plenary Session II (8pm - 10pm)
The First Years of Neurocomputing - Eduardo Caianiello
Vistas in Optical Neurocomputer Design - John Caulfield

TUESDAY, 26 July 1988

Poolside Party (6pm - 8pm)
Government Funding Panel - Paul Werbos, Moderator (8pm --->)

Conference Charter

IEEE ICNN-88 was governed by the provisions of the following Charter (intended to be a prototype charter for the entire IEEE ICNN Series):

General

- The official name of the 1988 Conference was: The IEEE International Conference on Neural Networks (IEEE ICNN-88).
- The Conference was held at the Sheraton Harbor Island East Hotel East in San Diego, California, from 23 July 1988 thru 27 July 1988 in accordance with the official technical program (Section 2 of this Conference Plan document), which was thereby incorporated as

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part of this Charter.

- IEEE ICNN-88 was sponsored by the IEEE San Diego Section and cosponsored by the IEEE TAB Neural Network Committee (NNC) and other IEEE Sections (these bodies are hereafter referred to as the *sponsoring entities*).

- The Conference is held annually and its organization conforms with the requirements and guidelines of IEEE, including the procedures for review and audit of the budget by the Steering Committee. The proposed budget must be approved by the Steering Committee prior to its submittal to IEEE. The proposed budget for a Conference must be submitted to all sponsoring entities at least 60 days in advance of its approval by the Steering Committee. A sponsoring or cosponsoring entity can indicate its intent to withdraw from participation in ICNN prior to approval by the Steering Committee of the budget for the next meeting. If a budget has been approved, an entity can withdraw from future activities but must continue to cosponsor the planned meeting. If an entity withdraws from the Steering Committee, its share of future meetings is divided equally among the remaining members (with the exception of the IEEE San Diego Section, as noted below).

- The sponsoring entities each participate financially in ICNN and share Conference up-front expenses and Conference profit or loss in accordance with fixed percentages. For 1988, NNC's percentage is 50% and the IEEE San Diego Section's percentage is 50%. For 1989, NNC's percentage is 60% and the percentage for all sponsoring and cosponsoring IEEE Sections (including the IEEE San Diego Section and any others) is a total of 40%. For 1990 and beyond, NNC's percentage is 70% and the percentage for all sponsoring and cosponsoring IEEE Sections (including the IEEE San Diego Section and any others) is a total of 30%. The distribution of the percentage participation of NNC among its member IEEE Technical Societies and associated non-IEEE Technical Societies is decided by negotiations entirely within NNC. The distribution of the IEEE Section percentage in years 1989 and beyond will be decided by negotiations between NNC, the IEEE San Diego Section and other cosponsoring IEEE Sections. In no event will the IEEE San Diego Section percentage ever fall below 10%, unless the Section declines to participate in a particular year's meeting before approval of the Conference Budget (which would in no way interfere with its right to participate in subsequent meetings, always at a minimum 10% participation level).

- For each year's ICNN, a Steering Committee shall be assembled from the sponsoring entities, with each entity's numerical participation in the committee in proportion to their percentage of financial participation. Members of the Steering Committee shall serve two-year terms, and thus the members changed in any year shall be limited to those whose terms are expiring. The size of the committee cannot be expanded at a rate greater than two members per year. Nominally, the Steering Committee for a given year's ICNN becomes activated two years before the planned date of the meeting. The IEEE ICNN-88 Steering Committee shall have four members. One member appointed to the IEEE ICNN-88 Steering Committee by NNC and one member appointed by the IEEE San Diego Section shall each serve for only one year. The purpose of the Steering Committee is to select the Chair of the Conference Committee and to oversee the planning and operation of the Conference. The Steering Committee shall act as Trustees for the IEEE with administrative responsibility for the Conference. The Steering Committee is the final authority for all decisions concerning ICNN. All material decisions affecting the Conference must be approved by a majority of the Steering Committee, including major changes to this Conference Charter. In the event of a deadlock, the matter shall be submitted to the current President of the IEEE for a final binding decision.

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- The Steering Committee for the IEEE ICNN shall elect biannually a Chair from among its current membership. The Chair shall serve as focus for all communications and shall direct, on behalf of the Committee, the operational matters of the Committee. For the duration of the office of Chairman, that individual will not be considered to be a representative of his/her respective entity, therefore able to represent more freely the overall objectives of the Conference. On a biannual basis, the Committee shall also elect a Secretary and Treasurer. In addition to the usual duties regarding minutes, reports, records, etc., the Secretary shall serve as Chair pro tem in the absence of the Chair. When the election to office of a Steering Committee member requires an extension of the member's term of appointment by the sponsoring entity, it is expected that such an extension will take place. This extension will be for either one or two years as necessary, to maintain the staggered appointments of members.
- The Section in which the Conference is held shall be offered the opportunity to cosponsor the ICNN. Should the Section decline to accept the offer, its percentage financial participation in the Conference shall revert to the other sponsoring Sections.
- The Conference Steering Committee shall appoint the General Chair of ICNN-89 and beyond. The General Chair shall nominate the Conference Committee, the Program Chair(s), and the other Conference Operating Committee Chairs. Appointment of all Conference Committee, Program Committee, and Conference Operating Committee Chairs and members is subject to majority vote approval by the Steering Committee. The Steering Committee shall serve the function of an Advisory Board reviewing and offering guidance on the operational aspects and technical content of the Conference.

The staging of IEEE ICNN-88 was managed by Nomi Feldman of Meeting Management, Inc., San Diego (who managed IEEE ICNN-87).

The IEEE San Diego Section entered into a contract with the Sheraton Harbor Island East Hotel securing the the use of the hotel's facilities for the conference.

The official technical program of the conference was printed and distributed to registrants at the conference registration desk. The program listed all of the scheduled tutorials, technical presentations, and plenary talks and gave the name and affiliation of the speakers.

The Conference record containing the technical papers corresponding to the talks scheduled for presentation at the conference (along with other papers accepted for publication in the record by the joint actions of the Technical Program Committee and the Conference Committee) was distributed to registrants at the conference registration desk. This conference record did not carry any individual's name(s), but was listed strictly as the IEEE ICNN-88 conference record.

All papers presented at the Conference and in its record were reviewed to assure high technical standards.

Registration and Logistics

- Conference registration was \$190 before 1 April 1988, \$240 between 1 April 1988 and 30 June 1988, and \$280 between 1 July 1988 and 27 July 1988. One-day registration was available at the door for \$110. Exhibit hall and poster session entrance was free to conference registrants; others were admitted by exhibitor ticket or \$10 cash. Full time students



THE UNIVERSITY OF MARYLAND
DEPARTMENT OF ELECTRICAL ENGINEERING
College Park, Maryland 20742-3025
(301) 454-2442

November 15, 1989

MEMORANDUM

To: IOC Members and Associates

From: Robert W. Newcomb *RWN*

Subject: Materials for Meeting

Enclosed please find preparation material regarding the IEEE Neural Networks Committee Meeting. If you require further information, please do not hesitate to contact me at (301) 454-6869.

RWN/db

Enclosures

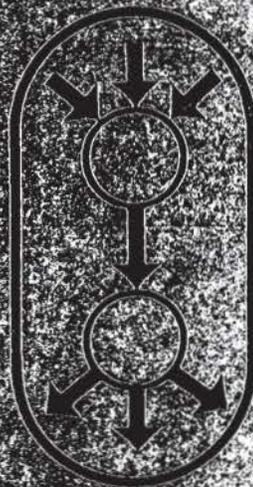


IEEE Neural Network Committee

International Joint Conference on Neural Networks

Washington D.C.

June 18-22, 1989



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showing school picture ID cards verifying their full-time student status (or presenting a school picture ID card and a letter from their school to verify their full-time student status) were admitted for \$90 (for any duration). Student registration did not include the proceedings. IEEE Members received a 20% discount on all prices except one-day registration, exhibit hall registration, student registration, and tutorials. An IEEE booth was open in the registration foyer for those people who wished to become IEEE members.

- Each paid registrant at the conference had their name, mailing address, telephone number(s), and electronic mail address(es) recorded in the official conference attendance list. This list is owned, copyrighted, and controlled by the Steering Committee and must be controlled in accordance with IEEE rules and procedures, as directed by the Steering Committee.
- Each paid registrant had an official pin-on or clip-on IEEE ICNN-88 Conference Badge prepared for them at the registration counter. This badge had a color-coded border to indicate: the day of registration for one-day registration, full paid registrant status, or student registration status. The badge presented the registrant's name, organizational affiliation, and city/state/country in large black letters on a white background.

Technical and Plenary Sessions

- 16 technical sessions were planned for the Conference between Sunday 24 July and Wednesday 27 July 1988. The official technical session schedule presented in Section 2 of this document was thus adopted.
- Each of the 16 technical sessions of the conference lasted 4 hours. A maximum of 10 papers were presented in any one session. No individual talk in any session was shorter than 20 minutes, nor longer than 30 minutes. Each talk had a separate question and answer period of not less than 5 minutes appended to it.
- No individual was allowed to present more than one talk in the technical sessions of the conference. Of all of the talks given in the technical sessions and all of the poster session papers, no individual was listed as author or co-author of more than two. Likewise, of all of the papers presented in the conference record, no individual was listed as author or co-author of more than two such papers.
- The Conference Chairs, International Conference Chairs and Plenary Session Speakers had their round-trip transportation to the conference, lodging at the conference hotel, and per diem (\$30 per day) paid for by the conference.
- The plenary session speakers were explicitly warned that they must refrain from making any insulting comments, discordant or derogatory remarks or innuendos about other members of the neurocomputing community during their talks.

Exhibits

General:

The theme of this year's conference and its exhibits was the same as that of ICNN-87. It was devoted to the technology of neural computing in all its scientific, engineering, academic, commercial, private enterprise and government aspects. The conference featured presentations and tutorials by the field's leading academic and industrial experts, and re-

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fair class. The unit for science fair exhibitors was 1/2 a standard booth. Sales were made on a space available basis until July 1, 1988. After this date, space was sold at the discretion of the Exhibits Chairman with the consent of the IEEE ICNN-88 Organizing Committee.

Special Invitation:

A special invitation was offered to all who exhibited at the 1987 International Conference on Neural Networks. The conference offered last year's exhibitors an exclusive opportunity to purchase exhibit space at the IEEE ICNN-88 before opening sales of space to other exhibitors. However, exhibitors were required to register before April 1, 1988 to take advantage of this offer.

Reservations and Full Payment:

Orders for a booth at the IEEE ICNN-88 were accepted upon receipt by IEEE ICNN-88 of a completed Exhibit Contract and a reservation deposit or full payment. Orders for a multiple booth exhibit could be made on a single Exhibit Contract application form but required a reservation deposit or full payment for each of the booths ordered. An exhibitor was considered registered with the IEEE ICNN-88 conference when booth space was reserved or paid for in full.

Orders to reserve an exhibit booth with deposit were accepted until June 1, 1988. Full payment for all reserved exhibit booths was required by IEEE ICNN-88 by June 1, 1988. In no case were requests for exhibit space honored after July 10.

Exhibitor's Obligation:

All of the exhibitor's outstanding obligations to IEEE ICNN-88 required payment before the exhibitor or any of his representatives were allowed to exhibit. Request for booth cancellations were considered in accordance with the contractual rules and regulations.

Cancellations:

It was agreed that orders for exhibit space at the IEEE ICNN-88 could be cancelled under the following conditions:

A registered exhibitor could cancel an order for exhibit space at any time prior to May 1, 1988. Any payments the exhibitor had made for exhibit space would be refunded in full.

If a registered exhibitor canceled an order for a booth on or after May 1, 1988 but before July 1, 1988, the registered exhibitor was responsible for payment and forfeited an amount equal to the booth deposit.

If a registered exhibitor canceled an order for a booth on or after July 1, 1988, the registered exhibitor was responsible for and forfeited full payment for the booth.

In the event conditions required the IEEE ICNN-88 conference to alter or change the exhibit area floor plan and these changes adversely affected a single or multiple booth exhibit, the exhibitor could cancel without penalty and full payment would have been refunded.

Space Assignments:

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The assignment of exhibit space at the IEEE ICNN-88 conference was made by the Exhibit Chairman or his designee according to reservation date, class of exhibit, accumulated ICNN-87 points, and the number of booths requested.

Exhibit booth assignments were made periodically from the unassigned orders accumulated during that period. Booths in the center islands were preferred and assignments from these locations were limited to multiple booth exhibitors of the commercial class until May 1, 1988. After May 1, island space was made available to registered single booth exhibitors in the commercial class only.

An exhibitor was allowed to indicate at most three preferred locations for each booth ordered. Every effort was made to accommodate the exhibitor's booth preference and assign the first choice. In the event of conflicts, the exhibitors affected were notified of the decision of IEEE ICNN-88. In any event, the decision of the IEEE ICNN was final. The IEEE ICNN-88 reserved the right to change the floor plan. Under such circumstances, affected exhibitors would have been notified of such a change.

Entry to Exhibit Area:

An exhibitor could request up to five (5) complimentary passes for exhibit staff personnel for each booth ordered. In addition, up to five (5) complimentary guest passes could be requested for each booth ordered.

Exhibit Hours:

The exhibit hall was in operation from July 24, 1988 through July 26, 1988 according to the following schedule of hours: Sunday, July 24 - Tuesday, July 26, 1988 from 8:00am to 6:00pm; Wednesday, July 27, 1988 from 8:00am to 3:00pm.

Set-up of exhibits took place on Saturday, July 23 from 12 noon to 6:00 pm. Dismantling of exhibits took place on Wednesday, July 27, from 3:00 pm to 7:00 pm.

Poster Sessions:

An estimated 100 poster sessions were held during the four day conference. The actual number of sessions, their selection, and scheduling were determined by the conference program chairman.

The Lounge:

The lounge area occupied approximately 1,200 square feet. The function of the lounge was to provide an area wherein the visitors and conference attendees could rest, converse, and take refreshments. Lounge furnishings were provided by the hotel and conference service contractor. Refreshments were provided by the hotel and included coffee and soft drinks.

Publicity and Exhibitor Solicitation:

The IEEE ICNN-88 conference exhibits were publicized through general conference press releases, paid advertisements, and direct mailings. In addition, a special direct mailing advertising the availability of exhibit space at the conference was sent to potential exhibitors in February, 1988.

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An "Information for Exhibitors" package was published by the conference and sent to all prospective exhibitors. This package contained an application, exhibit rules and regulations, and a layout of the exhibit hall. The package was developed and published for mailing in February, 1988. This package was sent to all interested in exhibiting at the IEEE ICNN-88.

Conference Records:

The status of exhibit sales, the exhibits budgets and other matters were maintained periodically and reported to the organizing committee. A data base of prospective exhibitors was developed. This data base was used to record and report the status of the IEEE ICNN-88 exhibits program.

Contractors:

A conference service contractor (Cardin) was selected to handle shipping and storage of exhibits, drayage, set-up and dismantling of exhibits; supply carpeting, furniture and miscellaneous supplies to the conference; rent furniture displays and miscellaneous items to exhibitors; provide electrical equipment and services, and generally support the conference and exhibitors. Upon request, an exhibitor could obtain an exhibitor's supplies and services kit from the conference service contractor. This kit contained information on the costs of services and supplies available from the contractor.

Exhibit security was provided using hotel guards and guards supplied by the conference security contractor. It was anticipated that three contractor guards would be required to provide exhibit hall security during daytime operating hours, and one guard would be required overnight.

Exhibits Program:

An Exhibits Program was published which provided a description of all exhibits and announce all exhibitors at the conference. Descriptions were approximately 50-75 words long. Copies of this program were provided to the exhibitors in an "Exhibitor's Registration Package" distributed on registration on the day of the conference.

Exhibitor Registration:

An exhibitor registration desk was open on the days of the conference. This allowed exhibitors and their staff to check in, register and pick up registration materials. Exhibitor materials included copies of the Exhibits Program, special instructions, and staff and guest passes. An exhibitor could also preregister to the conference if so desired.

Contingency Planning:

In the event that there was an overwhelming demand for booth space at the conference, and the conference would sell booths in excess of the 60 planned, the areas allocated for the lounge and poster session area being used for additional exhibit booths. Arrangements would have been made to accommodate serving refreshments and providing space for the poster sessions elsewhere at the conference.

Fire and Safety:

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The exhibit area was designed in accordance with local city fire codes and a permit was obtained. (Appendix I presents a map of the exhibit hall.)

Volunteers.

In order to promote and facilitate local community involvement in the 1988 IEEE ICNN, the ICNN Organizing Committee solicited volunteer services from university students and other interested community members.

Volunteer services included clerical and general help before and during the conference. The commitment of each volunteer encompassed:

- attending the volunteer meetings,
- pre-conference clerical work assignments, and
- one five-hour shift per day beginning Saturday, July 23, 1988, concluding on Wednesday, July 27, 1988. Each conference day was divided into three five-hour shifts: morning, afternoon, and evening. Shift assignments and scheduling were made by the Hospitality Chair.

In exchange for satisfactory completion of these services, the IEEE ICNN volunteers received:

- complimentary registration to the IEEE International Conference on Neural Networks, and
- complimentary copy of the IEEE ICNN88 proceedings.

The Organizing Committee Chair appointed a member of the Organizing Committee (Cleveland Donnelly) to assume responsibility for the volunteer effort. It was his responsibility to ensure that all volunteers successfully complete their assignments in return for their complimentary registration and proceedings. Of the 43 volunteers who worked at the conference, *all* performed their required service.

Preliminary Budget

The original Conference Budget(s) appear below. Notice that two budgets were originally presented: "breakeven" and nominal. The basis for these budgets is also presented.

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Breakeven Budget

ATTENDANCE

Registration - Regular	807
Registration - Student	143
Exhibit Booths	40
Proceedings Sold	223

INCOME

Exhibits (est. as of 6/13/88 figures)	30,000
Admin & Finance	4,000
Proceedings	11,163
Registration	166,200

INCOME TOTALS

\$211,363

EXPENSES

Marketing	30,000
Exhibits	15,000
Finance	6,500
Proceedings	41,064
Local Arrangements	6,000
Registration (Incl. refunds)	8,550
Audio/visual	6,000
Hospitality	
Travel, Lodging, Per Diem/plenary/int'l chair	10,000
Reception	14,250
Poolside Party	38,000
Refreshments during Technical Sessions	14,250
Hospitality total	76,500

EXPENSE TOTALS

\$189,614

NET SURPLUS

\$ 21,749

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Nominal Budget

ATTENDANCE

Registration - Regular	1700
Registration - Student	300
Exhibit Booths	30
Proceedings Sold	470

INCOME

Exhibits (est from data available 6/13/88)	30,000
Admin & Finance	4,000
Proceedings	23,500
Registration	350,000

INCOME TOTALS

\$407,500

EXPENSES

Marketing	30,000
Exhibits	15,000
Finance	6,500
Proceedings	86,450
Local Arrangements	6,000
Registration (Incl. refunds)	18,000
Audio/visual	6,000
Hospitality	
Travel, Lodging, Per Diem/plenary/int'l chair	10,000
Reception	30,000
Poolside Party	80,000
Refreshments during Technical Sessions	30,000
Hospitality total	150,000

EXPENSE TOTALS

\$317,950

NET SURPLUS

\$ 89,550

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Budget Justification for Preliminary Budget(s)

The "break even" budget was calculated using 950 estimated participants, of which 15% would be students. The nominal budget was calculated at 2,000 estimated participants, of which 15% would be students. Cost of Marketing, Exhibits, Finance, Local Arrangements, Audio Visual were assumed to be identical regardless of number of participants.

INCOME CALCULATIONS:

Exhibits were calculated at \$800 per booth.

Admin & Finance income represented interest earnings.

Proceedings income were calculated at \$60 per copy sold.

Registration income was figured at \$190 per non-student registrant, and \$90 per student.

EXPENSE CALCULATIONS:

Marketing, Exhibits, Finance, Local Arrangements, Registration and Audio-Visual expenses were divided equally between Conference and Tutorial budgets.

Proceedings expenses were calculated at \$35.00 per copy.

Local arrangements expenses included all costs for security at the Conference.

Hospitality costs were estimated on a per person basis as follows:

- travel and lodging for 9 people (conference chair, international conference chairs, and plenary session speakers), including three international flights at \$1,000 each (\$500 airfare, plus five nights' lodging @ \$100/night).

- reception @ \$15 pp.

- pool party @ \$40 pp.

- refreshments during Technical Sessions @ \$15 pp.

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Final Budget

Based on a final audit, prepared by the accounting firm of Coopers & Lybrand in October, 1988, conference revenue and expenses are as follows:

REVENUE:

Registration	315,673
Tutorials	0
Exhibits	45,250
Proceedings	26,850
Interest Earned	5,010
Other Revenue	<u>2,679</u>

TOTAL REVENUE 395,462

EXPENSES:

Marketing	34,253
Administration	11,899
Exhibits	10,368
Proceedings	60,879
Hospitality	77,809
Advertising	11,446
Local arrangements	41,320
Tutorials	<u>0</u>

TOTAL EXPENSES 247,974

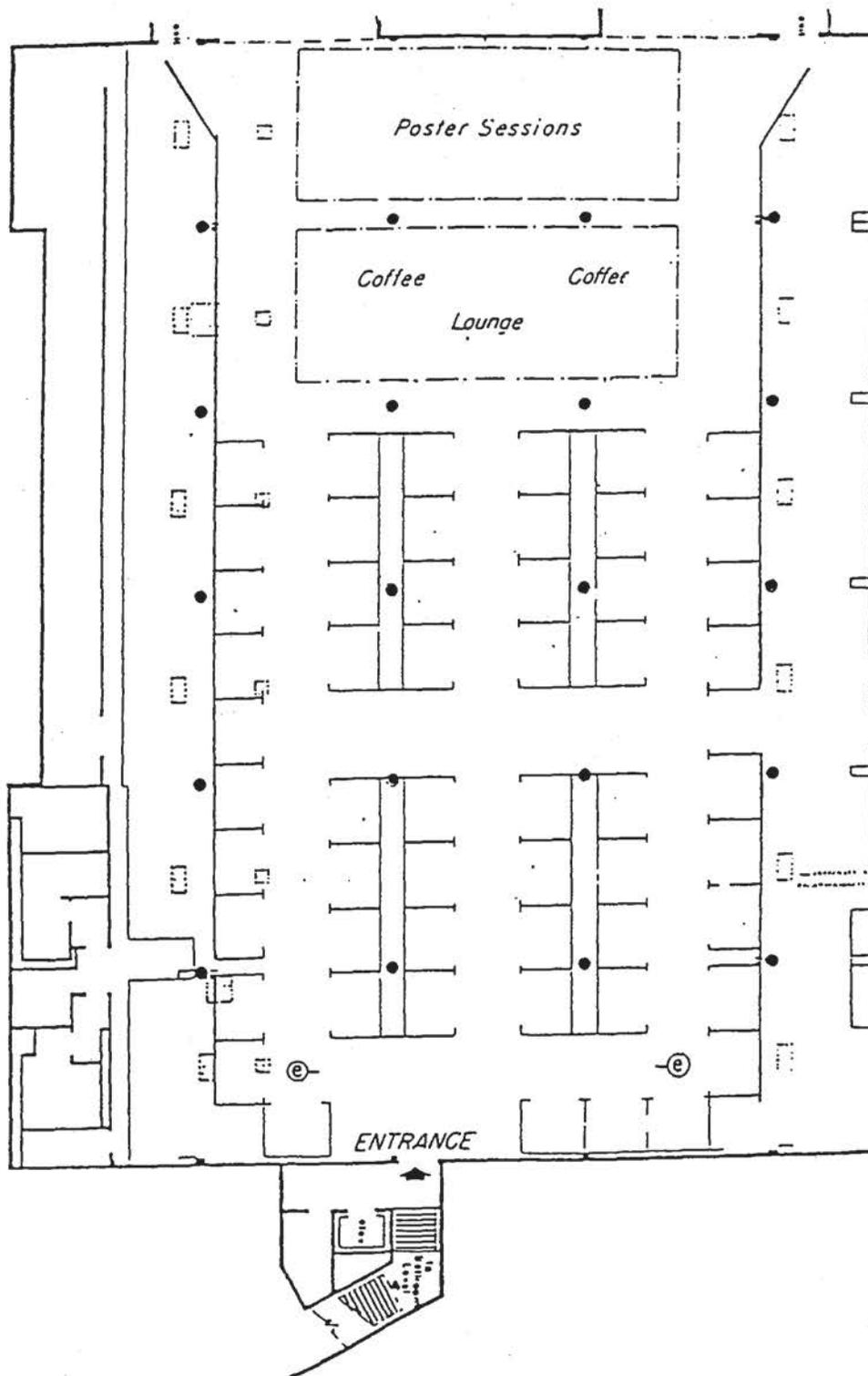
NET PROCEEDS, CONFERENCE \$147,488

A copy of the "Report on Audit of Statement of Revenue and Expenses and Distribution of Net Proceeds", prepared by the accounting firm of Coopers & Lybrand, is attached to this Final Report, and is a part of the Report itself.

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APPENDIX I

Map of Exhibit Hall



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IEEE International Conference on Neural Networks 1988

TUTORIALS FINAL REPORT

December 1988

CONTENTS

Overview
Tutorial Program
Charter
Preliminary Budget
Final Budget
Tutorial Logistics

Overview

IEEE ICNN-88 was the 1988 installment of a conference series devoted to the technology of neurocomputing in its academic, industrial, commercial, consumer, military, and biomedical engineering aspects. The series was sponsored by the IEEE San Diego Section and the IEEE Technical Activities Board Neural Network Committee (NNC), which was formally created in Spring 1988. IEEE Technical Societies participated in the meeting via membership in the NNC. The following Societies were affiliated with NNC at the time of the Conference:

- Acoustics, Speech, and Signal Processing Society
- Control Systems Society
- Engineering in Medicine and Biology Society
- Industrial Electronics Society
- Information Theory Society
- Lasers and Electro-Optics Society
- Systems, Man, and Cybernetics Society
- Communications Society

IEEE ICNN-87 (the first conference in the series) was held at the Sheraton Harbor Island Hotel in San Diego, California on Sunday 21 June thru Wednesday 24 June 1987 (Tutorials were held at the hotel on Saturday 20 June 1987). This conference was both a technical and a financial success. It was cosponsored by the IEEE Systems, Man, and

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Cybernetics Society and it was held with the cooperation of the IEEE Control Systems and Engineering in Medicine and Biology Societies. A sizable surplus was produced, some of which was made available by the IEEE San Diego Section to fund up-front costs for IEEE ICNN-88.

IEEE ICNN-88 was held at the Sheraton Harbor Island Hotel in San Diego, California on Sunday 24 July thru Wednesday 27 July 1988. Tutorials, which were not part of the Conference this year, were held at the hotel on Saturday 23 July 1988. The tutorials were organized and run by the IEEE San Diego Section Tutorials Committee for, and under the direction of, the IEEE Educational Activities Board. The emphasis in this year's conference was to fix the minor problems identified with IEEE ICNN-87, to run a highly successful IEEE ICNN-88 (both technically and financially), and to establish the NNC as a long-term, stable, technical coalition that can successfully organize and run future conferences in the series in a consistent manner.

Tutorial Program

The Tutorials given at the Sheraton Harbor Island Hotel on Saturday 23 July 1988 are listed below in presenter alphabetical order. Each Tutorial offering lasted two hours. Each Tutorial offering was limited to a maximum of 150 participants. Tutorials were offered once, twice, or three times, depending on demand. There were four Tutorial sessions during the day, offered at 8:00am - 10:00am; 10:30am - 12:30am, 1:30pm - 3:30pm, and 4:00pm - 6:00pm.

Neurobiological Review - Michael Arbib

Adaptive Resonance Networks - Gail Carpenter

Pattern Recognition Review - David Casasent

Optical Neurocomputers - John Caulfield

Cancelled (Scheduled was Leon Cooper, who cited schedule conflicts as his reason for for cancelling.)

Vision - John Daugman

Competitive and Cooperative Learning - Stephen Grossberg

Neurocomputing Applications - Robert Hecht-Nielsen¹

Dynamical Systems Review - Morris Hirsch

Self-Organizing Feature Maps - Teuvo Kohonen

¹ Dr. Hecht-Nielsen requested that his Tutorial honorarium be donated by IEEE to the Electrical and Computer Engineering Department of the University of California at San Diego, which was done.

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Associative Memory - Bart Kosko²

Parallel Distributed Processing - David Rumelhart

Speech - Terrence Sejnowski

Adaptive Neural Networks - Bernard Widrow

The IEEE San Diego Section Tutorials Committee was organized as follows:

- Pat Simpson, Chair
 - Rudolph Stampfl, Educational Activities Board, IEEE
-

ICNN-88 Tutorials Charter

The Tutorials offered by the Educational Activities Board in conjunction with IEEE ICNN-88 were governed by the provisions of the following Charter:

General

- The Tutorials were held at the Sheraton Harbor Island East Hotel East in San Diego, California on 23 July 1988.
- The Tutorials were organized and run by the IEEE San Diego Section Tutorials Committee for, and under the direction of, the IEEE Educational Activities Board. Any surplus or loss generated by the Tutorials would be shared equally (50% and 50%) between the IEEE Educational Activities Board and the IEEE San Diego Section.
- The logistics of the IEEE ICNN-88 Tutorials were managed by Nomi Feldman of Meeting Management, Inc., San Diego.
- As described in the IEEE ICNN-88 Final Conference Report, the IEEE San Diego Section entered into a contract with the Sheraton Harbor Island East Hotel securing the use of the hotel's facilities for both the conference and tutorials. The Tutorials activity, which was separate from the Conference, received up to 50% of the free rooms as needed, that were generated by the overall conference. The Tutorials were responsible for paying 50% of the expenses for advertising and other up-front organizational costs incurred by the Conference. The Tutorials were advertised in the Conference brochure.
- Each Tutorial presenter made a complete set of viewcells and other supporting material for their Tutorial available in camera-ready form to the Tutorials Committee by 1 May 1988. This material included substantially all viewcells to be presented at the Tutorial, as well as other material. It consisted of at least 30 pages and no more than 200 pages, all 8 1/2 inches by 11 inches in size with 1 inch margins maintained on all four edges of the paper.

²Dr. Kosko requested that his Tutorial honorarium be donated to the Electrical Engineering Department of the University of Southern California, which was done.

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Registration and Logistics

- 13 Tutorials were given on Saturday 23 July 1988. The schedule for Tutorials in Section 2 was thereby adopted.
- For ICNN-88 each Tutorial offering seat cost \$125. Four seats were sold as a block for \$450.
- For ICNN-88, each Tutorial presenter who had 25 or more paid Tutorial attendees received an honorarium of \$2,500 plus \$38 per Tutorial seat over 25, except that no payments were made for seats in excess of 225. The payments for attendees beyond 25 was made in full only if the Tutorials generated a surplus of at least \$1,000. If it did not, Tutorial presentors would be paid, pro rata, from the monies remaining (if any) after a surplus of \$1,000 was achieved. (This put the presentors "at risk".) However, since the tutorials did generate a surplus, all presentors were paid in full. A minimum of 25 people had to register for a Tutorial for it to be held. Each Tutorial presenter received conference registration, round-trip transportation to the conference, lodging, and a \$30 per day per diem allowance paid for by the conference. These expenses would have still been paid for by the conference even if the presenter received no compensation or reduced compensation.
- Each Tutorial presenter granted the IEEE Educational Activities Board the right to videotape one or more of their Tutorial sessions. The IEEE Educational Activities Board was further granted unlimited rights to the use of this taped material.
- Each Tutorial presenter was required to sign a letter agreeing with all of the above provisions. The form of this letter was approved by IEEE Headquarters before it was sent to the presentors. Each presenter signed this letter by 1 March 1988 (or faced removal from the program).

Volunteers.

In order to promote and facilitate local community involvement in the 1988 IEEE ICNN, the ICNN Organizing Committee solicited volunteer services from university students and other interested community members.

Volunteer services included clerical and general help before and during the conference. The commitment of each volunteer encompassed:

- attending the volunteer meetings,
- pre-conference clerical work assignments, and
- one five-hour shift per day beginning Saturday, July 23, 1988, concluding on Wednesday, July 27, 1988. Each conference day was divided into three five-hour shifts: morning, afternoon, and evening. Shift assignments and scheduling were made by the Hospitality Chair.

In exchange for satisfactory completion of these services, the IEEE ICNN volunteers received:

- complimentary registration to the IEEE International Conference on Neural Networks,

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and

- complimentary copy of the IEEE ICNN88 proceedings.

The Organizing Committee Chair appointed a member of the Organizing Committee (Cleveland Donnelly) to assume responsibility for the volunteer effort. It was that person's responsibility to ensure that all volunteers successfully complete their assignments in return for their complimentary registration and proceedings.

Preliminary Budget

The original Tutorials Budget appears below. The basis for the budget is also presented.

ATTENDANCE

Tutorial Seats	2000
----------------	------

INCOME

Tutorials	<u>\$240,000</u>
-----------	------------------

INCOME TOTALS	<u>\$240,000</u>
----------------------	------------------

EXPENSES

Marketing	\$30,000
-----------	----------

Tutorials Committee	\$1,000
---------------------	---------

Tutorials	\$100,000
-----------	-----------

Finance	\$6,500
---------	---------

Local Arrangements	\$6,000
--------------------	---------

Registration (Incl. refunds)	\$18,000
------------------------------	----------

Audio/visual (inc. \$40K to videotape sessions)	\$46,000
---	----------

Hospitality

Travel, Lodging, Per Diem, Tutorial only	\$14,000
--	----------

Refreshments during Tutorial	\$5,000
------------------------------	---------

Hospitality total	<u>\$19,000</u>
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EXPENSE TOTALS	<u>\$226,500</u>
-----------------------	------------------

NET SURPLUS	<u>\$ 13,500</u>
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Budget Justification

Tutorial Income was calculated at an average of \$125/seat. This average was based on costs of \$125/seat, and \$450 for a block of four seats, assuming 40% of total seats were bought in blocks of four.

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Marketing, Finance, Local Arrangements, and Registrations costs were divided equally between Conference and Tutorial budgets.

Local arrangements expenses included all costs for security at Tutorials.

Audio-visual costs: Of the \$46,000 budgeted, \$40,000 was to videotape 12 of the 14 tutorials; \$6,000 was one-half of total general audio-visual costs (divided equally between Tutorial and Conference budget).

Hospitality expenses were calculated at \$1,000 per tutorial speaker. Of this amount, \$500 was for lodging, and \$500 was expected to cover travel costs and per diem. Refreshments during tutorials cost \$2.50 per person.

Final Budget

Based on a final audit, prepared by the accounting firm of Coopers & Lybrand in October, 1988, tutorial revenue and expenses are as follows:

REVENUE:

Registration	0
Tutorials	185,274
Exhibits	0
Proceedings	0
Interest Earned	0
Other Revenue	<u>2,505</u>

TOTAL REVENUE 187,779

EXPENSES:

Marketing	34,253
Administration	0
Exhibits	0
Proceedings	0
Hospitality	3,353
Advertising	9,723
Local arrangements	10,330
Tutorials	<u>127,907</u>

TOTAL EXPENSES 185,566

NET PROCEEDS, TUTORIALS \$ 2,213

A copy of the "Report on Audit of Statement of Revenue and Expenses and Distribution of Net Proceeds", prepared by the accounting firm of Coopers & Lybrand, is attached to this Final Report, and is a part of the Report itself.

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Tutorial Logistics

Introduction.

This section outlines the tutorial logistics for the 1988 IEEE International Conference on Neural Networks held on July 23, 1988. The following sections discuss the schedule of events, the management of volunteer resources, and the video taping.

Schedule of Events:

Tutorial Breakfast.

A breakfast was offered at 7:00am, prior to the tutorials. Those invited to the breakfast included:

- All tutorial presentors
- IEEE ICNN88 Organizing Committee
- IEEE VIPs

The breakfast was held at the site of the tutorials. Hospitality arrangements were handled by the Hospitality Chair, Cleveland Donnelly. There were two speakers during breakfast:

- Patrick Simpson - Tutorials Chair.
- Welcome presentors
 - Distribute and discuss day's schedule
 - Retrieve unsigned IEEE Agreements
 - Introduce Conference Chair

- Robert Hecht-Nielsen - Conference Chair
- Discuss conference

Tutorials.

There were four tutorial sessions during the day. The session schedule is described below in Table 1. (More time was needed between sessions than in 1987 to allow for video taping and larger expected attendance.) Table 2 lists the tutorial presentors with their respective titles. Table 3 lists the tutorial presentors schedule and their respective room assignments.

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Table 1: Tutorial Schedule

Session 1	8:00am	-	10:00am
Session 2	10:30am	-	12:30pm
Lunch	12:30pm	-	1:30pm
Session 3	1:30pm	-	3:30pm
Session 4	4:00pm	-	6:00pm

Table 2: Tutorials Offered

Arbib	Neurobiological Review
Carpenter	Adaptive Resonance
Casasent	Pattern Recognition Review
Caulfield	Optical Neurocomputers
NOT GIVEN	(CANCELLATION BY COOPER)
Daugman	Vision
Grossberg	Competitive Cooperative Learning
Hecht-Nielsen	Neurocomputing Applications
Hirsch	Dynamical Systems Review
Kohonen	Self-Organizing Feature Maps
Kosko	Associative Memory
Rummelhart	Parallel Distributed Processing
Sejnowski	Speech
Widrow	Adaptive Neural Networks

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Table 3: Tutorial Presentors Schedule and Room Assignments

	Session 1	Session 2	Session 3	Session 4
Arbib	A	X	I	I
Carpenter	B	J	J	X
Casasent	C	I	X	F
Caulfield	X	A	K	K
Daugman	I	B	X	J
Grossberg	E	X	A	X
Hecht-Nielsen	F	X	B	E
Hirsch	J	C	G	X
Kohonen	K	D	E	X
Kosko	X	K	C	G
Rumelhart	L	E	X	A
Sejnowski	X	L	D	H
Widrow	X	F	F	B
Totals	10	10	11	10

A = Chablis Room
 C = Sauterne Room
 E = Laguna Room
 G = San Diego/San Fernando Room
 I = Savignon/Rose Room
 K = Charmen/Colombard Room
 X = no tutorial

B = Burgundy Room
 D = Palomar Room
 F = Cuyamoca Room
 H = San Antonio/San Bernardino Room
 J = German/Reisling Room
 L = Cabernet/Chardonnay Room

Volunteer Meetings.

Volunteer meetings were held on a monthly basis beginning January 1988 at the UCSD Extension Complex (with the exception of the final meeting held on 22 July at the Sheraton Harbor Island).

Volunteer Responsibilities

There were two volunteers assigned to each tutorial throughout the day. Each volunteer was responsible for the following:

- Gathering the appropriate materials for each tutorial
- Checking tickets for all tutorial attendees for each session
- Distributing and collecting an attendance list to be signed by each attendee
- Keeping traffic to a minimum during the tutorial
- Cleaning rooms between tutorials

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- Checking for faulty presentation equipment

The volunteers were rotated to allow them to see other presentations. The rotation schedule was made prior to the last volunteer meeting. At the 24 June 1988 volunteer meeting, volunteers were allowed to swap assignments with others, but at the end of the meeting (30 days prior to the tutorials), the schedule was considered final and no further changes were allowed.

Three people were responsible for conducting a triple-check of each tutorial's attendance. These people (Pat Simpson, Tutorials Chair; Cheveland Donnelly, Hospitality Chair; Karen Haines, Volunteer Coordinator) at one hour into each tutorial, collected and counted both the tickets and the sign-in sheet signatures, as well as took a head-count of those in attendance. This triple check was then be registered with the Tutorial Chair who stored the tickets and sign-in sheets.

Tutorial Presentors

Invitation letters with tutorial agreement and hospitality forms were sent on March 21, 1988. Registered mail reminder letters were sent to those presentors with outstanding materials as of June 7, 1988, and the results were very good. All tutorial materials were sent to the printer on July 1, 1988. A thank you letter way sent to those presentors who provided their materials in a timely manner.

Video Taping

The IEEE Education Activities Board (EAB) was responsible for the video taping of the tutorials. The two points of contact with the IEEE EAB were Rudolph Stampfl and Stewart Mills. The IEEE EAB chose World Video in San Diego to perform the video taping. There were four crews performing the video taping; each crew used one camera and remained stationary through the day. Because of the stationary nature of the video crews (due to excessive relocation time), all 13 presentors were rotated through the 4 video rooms during the day. Measures were taken (i.e., maps and volunteer assistance) to make this arrangement as easy on the attendees as possible.

The presentors' viewgraphs were photographed both prior to the day of the tutorials, and off the screen on the day of the tutorials. This process was monitored by Rudi Stampfl and Stewart Mills of the IEEE EAB. These gentlemen arrived on Thursday, 21 July 1988 and left on Tuesday, 26 July. During their stay, they monitored the video-taping and the post-production work.

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IEEE International Conference on Neural Networks 1988

IEEE SAN DIEGO SECTION DONATION FINAL REPORT

December 1988

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Overview

IEEE ICNN-88 was the 1988 installment of a conference series devoted to the technology of neurocomputing in its academic, industrial, commercial, consumer, military, and biomedical engineering aspects. The series was sponsored by the IEEE San Diego Section and the IEEE Technical Activities Board Neural Network Committee (NNC), which was formally created in Spring 1988. IEEE Technical Societies participated in the meeting via membership in the NNC. The following Societies were affiliated with NNC at the time of the Conference:

- Acoustics, Speech, and Signal Processing Society
- Control Systems Society
- Engineering in Medicine and Biology Society
- Industrial Electronics Society
- Information Theory Society
- Lasers and Electro-Optics Society
- Systems, Man, and Cybernetics Society
- Communications Society

IEEE ICNN-87 (the first conference in the series) was held at the Sheraton Harbor Island Hotel in San Diego, California on Sunday 21 June thru Wednesday 24 June 1987 (Tutorials were held at the hotel on Saturday 20 June 1987). This conference was both a technical and a financial success. It was cosponsored by the IEEE Systems, Man, and Cybernetics Society and it was held with the cooperation of the IEEE Control Systems and Engineering in Medicine and Biology Societies. A sizable surplus was produced, some of which was made available by the IEEE San Diego Section to fund up-front costs for IEEE ICNN-88.

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IEEE ICNN-88 was held at the Sheraton Harbor Island Hotel in San Diego, California on Sunday 24 July thru Wednesday 27 July 1988. Tutorials, which were not part of the Conference this year, were held at the hotel on Saturday 23 July 1988. The tutorials were organized and run by the IEEE San Diego Section Tutorials Committee for, and under the direction of, the IEEE Educational Activities Board. The emphasis in this year's conference was to fix the minor problems identified with IEEE ICNN-87, to run a highly successful IEEE ICNN-88 (both technically and financially), and to establish the NNC as a long-term, stable, technical coalition that can successfully organize and run future conferences in the series in a consistent manner.

Support Plan

As spelled out in the IEEE ICNN-88 Conference Plan, the Conference consisted of general registrants, student registrants, and the presentors of technical talks and posters as well as the general and international conference chairs, plenary speakers, technical session chairs, and industry and government funding panel chairs. In the interest of attracting the world's top neural network experts to the conference in an environment of too many conferences, the IEEE San Diego Section decided to help augment IEEE ICNN-88 by supporting the travel, lodging, and per diem expenses of the technical session chairs, and the industry and government funding panel chairs of the Conference. These expenditures ensured the preeminence of IEEE ICNN-88 over all other neural network conferences in 1988 (such as the Los Angeles Neural Network Application Symposium in January, the London Neural Network Conference in February, the Paris nEURO-88 Conference in June, etc.). It was anticipated that these expenditures would be completely covered by increased surplus. In summary, augmentation of IEEE ICNN-88 by ensuring the attendance and active participation (in carefully refereeing the submitted papers and planning the technical sessions) of the top technical leaders of the field made the Conference unsurpassed in technical quality and learning value. Its value to IEEE Members was thereby be maximized.

Support of IEEE ICNN-88 involved paying for travel, lodging, and per diem expenses for approximately 20 people. All air travel was arranged months in advance by Meeting Management, Inc., utilizing super-saver fares. Expenses for travel between the traveler's home and the nearest commercial airport and back were not be reimbursed. Lodging was provided only at the Sheraton Harbor Island East Hotel (or other hotels selected by the committee), utilizing free rooms generated by the Conference to the maximum possible extent.

The people supported included:

- James Anderson, Brown University, RI
- Elie Bienenstock, University of Paris - South, FRANCE
- Rolf Eckmiller, University of Dusseldorf, GERMANY
- Charles Elbaum, Brown University, RI
- Jeffrey Elman, University of California at San Diego, CA
- Walter Freeman, University of California, Berkeley, CA
- Lee Giles, Air Force Office of Scientific Research, DC
- Joseph Goodman, Stanford University, CA
- Don Hammerstrom, Oregon Graduate Center, OR
- Bobby Hunt, SAIC, Tucson, AZ
- Keith Jenkins, University of Southern California, CA

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- Christopher von der Malsburg, University of Southern California, CA
- David Parker, Palo Alto, CA
- Andres Pellionez, New York University, NY
- Tom Schwartz, Palo Alto, CA
- Ira Skurnick, DARPA, DC
- Bernard Soffer, Hughes Research, Malibu, CA
- Allen Stubberud, National Science Foundation
and University of California at Irvine, DC
- Harold Szu, Naval Research Laboratories
- Carme Torras, Institut de Cibernetica, Spain
- Bernard Widrow, Stanford University, CA
- David Willshaw, University of Edinburgh, UK
- Lofti Zadeh, University of California at Berkeley, CA

Preliminary Budget

The original Conference Support Plan Budget appears below. The budget is presented first, followed by the basis for estimate.

EXPENSES

Travel Costs:

Airfare	\$ 4,800.00
Lodging	7,800.00
Per diem	2,400.00

Total Travel Costs \$ 15,000

EXPENSE TOTALS \$ 15,000

NET SURPLUS (DEFICIT) (\$ 15,000)

Budget Justification

There was no income generated from this Plan; the purpose of this plan was to provide travel, lodging and per diem for the technical session chairs, and the industry and government funding panel chairs of the Conference. A "cap" of \$15,000 was agreed to for these costs.

In order to maximize savings, free air tickets (resulting from the block purchase of tickets for tutorial, plenary, international, and conference chairs) were used for the technical session chairs. Also, free hotel rooms resulting from block purchases were used in this budget in order to keep costs below the agreed-upon cap. With this in mind, costs were calculated as follows:

Airfare, at \$400 per person times 12 people.

Lodging, at \$100 per night, times 5 nights and 19-20 people.

Per diem, at \$30/night times 4 nights for 20 people.

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Final Budget

Based on a final audit, prepared by the accounting firm of Coopers & Lybrand in October, 1988, the San Diego Section's revenue and expenses are as follows:

REVENUE:

Registration	0
Tutorials	0
Exhibits	0
Proceedings	0
Interest Earned	0
Other Revenue	<u>0</u>

TOTAL REVENUE 0

EXPENSES:

Marketing	0
Administration	0
Exhibits	0
Proceedings	0
Hospitality	0
Advertising	14,133
Local arrangements	0
Tutorials	<u>0</u>

TOTAL EXPENSES 14,133

NET PROCEEDS, CONFERENCE \$ (14,133)

A copy of the "Report on Audit of Statement of Revenue and Expenses and Distribution of Net Proceeds", prepared by the accounting firm of Coopers & Lybrand, is attached to this Final Report, and is a part of the Report itself.

THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.

REPORT ON AUDIT OF STATEMENT OF REVENUE AND EXPENSES
AND DISTRIBUTION OF NET PROCEEDS
For the Second Annual International
Conference on Neural Networks
Held on July 24 Through 27, 1988

Coopers
& Lybrand

REPORT OF INDEPENDENT ACCOUNTANTS

To the Committee of
The Institute of Electrical and Electronics Engineers, Inc.
Second Annual International Conference on Neural Networks
San Diego, California

We have audited the accompanying statements of revenue and expenses and distribution of net proceeds, on a cash basis, for the Second Annual International Conference on Neural Networks held on July 24 through 27, 1988. These financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on these financial statements based on our audit.

We conducted our audit in accordance with generally accepted auditing standards. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

As described in Notes 1 and 3, the accompanying statements of revenue and expenses and distribution of net proceeds have been prepared on a cash basis; thus, revenue is recognized when received, rather than when earned and expenses are recognized when paid, rather than when the obligations are incurred. Accordingly, the statements of revenue and expenses and distribution of net proceeds are not intended to present the results of operations in conformity with generally accepted accounting principles.

In our opinion, the financial statements referred to above present fairly, in all material respects, the revenue and expenses for the Second Annual International Conference on Neural Networks covering the period of July 24 through 27, 1988, on the basis of accounting described in Note 1.

Coopers & Lybrand

San Diego, California
October 11, 1988

THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.

STATEMENT OF REVENUE AND EXPENSES
 For the Second Annual International
 Conference on Neural Networks
 Held on July 24 Through 27, 1988

	<u>Conference</u>	<u>Tutorial</u>	<u>San Diego Section</u>	<u>Total</u>
Revenue:				
Registration	\$315,673	\$ -	\$ -	\$315,673
Tutorials	-	185,274	-	185,274
Exhibits	45,250	-	-	45,250
Proceedings	26,850	-	-	26,850
Other revenue, including interest of \$5,010	<u>7,689</u>	<u>2,505</u>	<u>-</u>	<u>10,194</u>
Total revenue	395,462	187,779	-	583,241
Expenses:				
Marketing	34,253	34,253	-	68,506
Administration	11,899	-	-	11,899
Exhibits	10,368	-	-	10,368
Proceedings	60,879	-	-	60,879
Hospitality	77,809	3,353	-	81,162
Advertising	11,446	9,723	14,133	35,302
Local arrangements	41,320	10,330	-	51,650
Tutorials	<u>-</u>	<u>127,907</u>	<u>-</u>	<u>127,907</u>
Total expenses	<u>247,974</u>	<u>185,566</u>	<u>14,133</u>	<u>447,673</u>
Net proceeds	<u>\$147,488</u>	<u>2,213</u>	<u>\$(14,133)</u>	<u>\$135,568</u>

The accompanying notes are an integral part
 of the financial statements.

THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.

DISTRIBUTION OF NET PROCEEDS
 For the Second Annual International
 Conference on Neural Networks
 Held on July 24 Through 27, 1988

	<u>Conference</u>	<u>Tutorial</u>	<u>San Diego Section</u>	<u>Total</u>
Net proceeds	\$147,488	\$2,213	\$(14,133)	\$135,568
Revenues to be collected	1,405	-	-	1,405
Expenses to be paid	<u>(8,711)</u>	<u>(1,900)</u>	<u>(867)</u>	<u>(11,478)</u>
Total available for distribution	<u>\$140,182</u>	<u>\$ 313</u>	<u>\$(15,000)</u>	<u>\$125,495</u>
Distribution:				
San Diego Section	\$ 70,092	\$ 156	\$(15,000)	\$ 55,248
Educational Activities Board	-	156	-	156
Technical Activities Board	70,091	-	-	<u>-</u>
				<u>\$125,495</u>
Technical Activities Board 1989 conference expenses				\$ 70,091 <u>(5,276)</u>
Net distribution to Technical Activities Board				<u>\$ 64,815</u>

The accompanying notes are an integral part
of the financial statements.

THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.

NOTES TO STATEMENT OF REVENUE AND EXPENSES
 AND DISTRIBUTION OF NET PROCEEDS
 For the Second Annual International
 Conference on Neural Networks

1. Organization and Basis of Presentation:

The San Diego Chapter of the Institute of Electrical and Electronics Engineers, Inc. (the I.E.E.E.) held the Second Annual International Conference on Neural Networks from July 24 through 27, 1988. The statement of revenue and expenses and distribution of net proceeds for that conference have been prepared on the cash basis of accounting and not on an accrual basis, as would be required by generally accepted accounting principles. In order for the statements to be in accordance with generally accepted accounting principles, revenue would be recognized when earned, rather than when received, and expenses would be recognized when incurred, rather than when paid (see Note 3).

2. Income Tax:

No income tax has been provided on the net proceeds since this was an activity of the I.E.E.E. and the outcome will be incorporated into their operating results at year-end.

3. Contingencies (Unaudited):

Below is a summary of the unaudited receivables and payables outstanding at October 11, 1988. Had these assets and liabilities been reflected as revenue and expenses in the accompanying statement of revenue and expenses, the net proceeds from the conference, tutorials and San Diego section would have been as follows:

	<u>Conference</u>	<u>Tutorial</u>	<u>San Diego Section</u>
Net proceeds	\$147,488	\$2,213	\$(14,133)
Revenue:			
Conference registration fees	1,405	-	-
Expenses:			
Conference travel and per diem	4,711	-	-
Tutorial per diem	-	900	-
San Diego Section travel and per diem	-	-	867
Audit fees	<u>4,000</u>	<u>1,000</u>	<u>-</u>
Total	<u>\$140,182</u>	<u>\$ 313</u>	<u>\$(15,000)</u>

THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.

NOTES TO STATEMENT OF REVENUE AND EXPENSES
AND DISTRIBUTION OF NET PROCEEDS, CONTINUED
For the Second Annual International
Conference on Neural Networks

3. Contingencies (Unaudited), Continued:

Additionally, the conference has an advance of \$30,950 from the I.E.E.E. San Diego Section, which is refundable to them. This amount has not been included as revenue or expense.

The conference has estimated revenue of \$10,000 to \$15,000 which is receivable from the I.E.E.E. for reimbursement of the proceedings brochures.

TAB 7

IJCNN Winter 1990 Income Detail

Rev 6-Mar-89

	Member	Non-Member	Student						
Early Pre-Reg Fee	\$155	\$195	\$50						
Late Pre-Reg Fee	\$200	\$250	\$75						
On-Site Reg Fee	\$235	\$295	\$75						
Tutorial Fee	\$250								
One-Day Fee	\$90	\$115							
Number of Attendees	1000	1250	1500	1750	2000	2250	2500	2750	3000
Registration Income									
Member Early Pre-Reg	\$21,700	\$27,125	\$32,550	\$37,975	\$43,400	\$48,825	\$54,250	\$59,675	\$65,100
Non-Mem Early Pre-Reg	\$27,300	\$34,125	\$40,950	\$47,775	\$54,600	\$61,425	\$68,250	\$75,075	\$81,900
Member Late Pre-Reg	\$28,000	\$35,000	\$42,000	\$49,000	\$56,000	\$63,000	\$70,000	\$77,000	\$84,000
Non-Mem Late Pre-Reg	\$35,000	\$43,750	\$52,500	\$61,250	\$70,000	\$78,750	\$87,500	\$96,250	\$105,000
Member On-Site	\$32,900	\$41,125	\$49,350	\$57,575	\$65,800	\$74,025	\$82,250	\$90,475	\$98,700
Non-Member On-Site	\$41,300	\$51,625	\$61,950	\$72,275	\$82,600	\$92,925	\$103,250	\$113,575	\$123,900
Student Early	\$2,500	\$3,125	\$3,750	\$4,375	\$5,000	\$5,625	\$6,250	\$6,875	\$7,500
Student On-Site	\$3,750	\$4,688	\$5,625	\$6,563	\$7,500	\$8,438	\$9,375	\$10,313	\$11,250
Member One-Day	\$2,700	\$3,375	\$4,050	\$4,725	\$5,400	\$6,075	\$6,750	\$7,425	\$8,100
Non-Mem One-Day	\$3,450	\$4,313	\$5,175	\$6,038	\$6,900	\$7,763	\$8,625	\$9,488	\$10,350
Tot Regls. Income	\$198,600	\$248,250	\$297,900	\$347,550	\$397,200	\$446,850	\$496,500	\$546,150	\$595,800
Conference Pub Sales	\$5,625	\$7,031	\$8,438	\$9,844	\$11,250	\$12,656	\$14,063	\$15,469	\$16,875
Exhibits	\$51,000	\$51,000	\$51,000	\$51,000	\$51,000	\$51,000	\$51,000	\$51,000	\$51,000
Other Income									
Interest	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
Advance from INNS	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000
Meeting Manager Refund	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000
Social Func. Tickets	\$1,750	\$2,188	\$2,625	\$3,063	\$3,500	\$3,938	\$4,375	\$4,813	\$5,250
Tutorial Fees	\$62,500	\$78,125	\$93,750	\$109,375	\$125,000	\$140,625	\$156,250	\$171,875	\$187,500
TOTAL INCOME	\$378,475	\$445,594	\$512,713	\$579,831	\$646,950	\$714,069	\$781,188	\$848,306	\$915,425
TOTAL EXPENSES	\$366,723	\$367,528	\$380,554	\$409,329	\$435,825	\$462,321	\$488,816	\$515,312	\$541,808
NET SURPLUS	\$11,753	\$78,066	\$132,159	\$170,502	\$211,125	\$251,748	\$292,371	\$332,994	\$373,618
SURPLUS inc. SEED MONEY	\$51,753	\$118,066	\$172,159	\$210,502	\$251,125	\$291,748	\$332,371	\$372,994	\$413,618

TAB 9

DRAFT 8

5/17/89

TRIPARTITE AGREEMENT

This Agreement, is made by and between

International Neural Network Society, a California corporation having its main office at 860 Lathrop Drive, Stanford, CA 94305, USA. (hereinafter referred to as "INNS")

The Neural Network Committee of the Institute of Electrical and Electronics Engineers Inc. a New York corporation, having its main office at 345 East 47 Street, NEW YORK 10017-2394, USA (hereinafter referred to as "IEEE")

and **THOMSON-SA** a French corporation having its head office at 51 esplanade du Gal. De Gaulle, La Defense 10, PUTEAUX, FRANCE (hereinafter referred to as "TH-SA")

and is predicated upon all of the following assumptions, representations and expectations of the Parties:

Whereas INNS and IEEE have decided to hold an international conference, on neural networks (hereinafter designated as "Conference") in FRANCE, PARIS, five days during the summer of 1990,

Whereas INNS and IEEE acknowledge the TH-SA competence in the neural network field,

INNS and IEEE instruct TH-SA to organize this Conference and appoints TH-SA as sponsor, and TH-SA accepts. The Conference shall be called IJCNN-90-PARIS. (IJCNN is a designation of INNS and IEEE signifying International Joint Conference on Neural Networks)

Now, therefore, the Parties agree as follows:

ARTICLE 1: RESPECTIVE RIGHTS AND OBLIGATIONS

1.1) INNS and IEEE will participate in the Conference as cooperating societies in the following manner:

- a) INNS and IEEE undertake to advertise the Conference to their respective members through their publications, mailings (mailings to all the worldwide concerned members, from listing used for other IJCNN meetings, approximately 10 000 members) and by all means at their convenience, such as advertising at preceding conferences. *Each Party (INNS and IEEE) will commit \$ 5 000 for the purpose.* Brochures for the mailing will be furnished by TH-SA. Each advertising or announcement about the Conference will mention "INNS and IEEE cooperating societies, sponsored by THOMSON-SA".
- b) Each party (INNS and IEEE) will commit \$ 10 000 corresponding to support travel costs for board members or other selected top scientists in the neural network field, 10 to be designated by INNS and 10 to be designated by IEEE, who will have to participate as invited speakers at the Conference. INNS and IEEE will undertake to obtain authorization from the invited speakers to publish their name and short CV's in all documents or advertising for the Conference. A tentative list with the names of the potential invited speakers will be communicated by INNS to TH-SA by June 15, 89. The definitive list of the invited speakers will be provided by the Program Committee no later than September 1, 89.

- c) INNS and IEEE won't organize any other large general manifestation (i.e. any scientific conference involving more than 500 persons) in the neural network field, during the year 1990 in Europe, without prior written consent of TH-SA. Specialized manifestations on focused topics and workshops are allowed without approval of TH-SA

- d) INNS and IEEE will provide a free booth for a TH-SA representative to advertise the Conference at each Washington IJCNN conference, in June 89 and January 90.

1.2) TH-SA will participate in the Conference as the sponsor in the following manner:

- a) TH-SA will mention "INNS and IEEE cooperating societies, sponsored by THOMSON-SA", in each advertising or public information piece about the Conference.

- b) TH-SA will entrust the material organization of the Conference, to a conference management company, which will bear all consequent costs.

The organization will:

- . conceive, print and send the program and other documents
- . rent, during the Conference period, all necessary spaces, conference rooms, and booths
- . make public announcements
- . plan a cocktail reception
- . receive attendee's conference fees and keep account
- . provide space for exhibitors at the Conference and receive their fees,
- . publish a Conference Proceedings of the accepted papers or abstracts;

All these actions are listed and planned in the Annex of the current Agreement

All the personal accommodations (hotels, meals, local arrangements ..) will be the responsibility of the invited people, including the speakers.

- c) TH-SA will commit \$ 50 000 corresponding to support travel costs for 50 non-French scientists, whose submitted papers were accepted by the Program Committee for oral presentation or as posters. Preference will be given to young authors. TH-SA will choose the recipients, and inform INNS and IEEE of the recipients.

- d) In accordance with INNS practice, registration fees for student attendees will be one third that of professional people.

1.3) Concerning the conference management company, the Parties (INNS, IEEE and TH-SA) have examined the project submitted by Z- Net (a California company with agent in Paris) and have decided to entrust the organization of the Conference to Z-Net, following the terms defined in b) above. A contract between TH-SA and Z-Net will precise the conditions of this organization.

1.4) Whereas that the management company designed above will bear the majority of the costs, they will have the right to seek other qualified sponsor for the Conference, subject to a prior written agreement of INNS, IEEE and TH-SA.

1.5) The official language of the Conference should be English.

1.6) In fulfilling its obligations under this Agreement, each Party shall be acting as an independent contractor.

1.7) Each Party agrees that all publications or presentations, including the Technical Program shall be reviewed and approved by the Program Committee before April, 1, 1990. Passed this date, TH-SA retains the right to refuse to print any documents.

1.8) Neither this Agreement, nor any rights of either party hereunder may be assigned or transferred in any way by either party without the prior written consent of the others.

ARTICLE 2: RESPONSIBLES

Three committees will be designated to ensure the efficiency of the Conference.

A Program Committee will be formed before June 15 1989, which will be in charge of centralizing and validating all documents, presentations (orals and posters), and the technical program.

The Program Committee shall be comprised of nine people, three groups, of equal numbers selected by INNS, the Neural Network Committee of the IEEE, and TH-SA. The Chair will be Nicholas De Claris of IEEE.

A Finance Committee will be formed before December 31, 1989, which will be in charge of auditing all Conference consequent costs at its term.

The Finance Committee shall have three members, chosen by three Parties. The Chair will be a person of TH-SA.

The IJCNN-90-PARIS Oversight Committee, which will be in charge of supervising all actions, and controlling the performance of the Conference.

It shall be comprised of the 10-person IEEE/INNS IJCNN Oversight Committee, plus 5 persons selected by TH-SA.

The General Co-Chairs shall be Bernard Widrow of INNS, and Bernard Angeniol of TH-SA.

ARTICLE 3: FINANCIAL

3.1) In accordance with the terms of the paragraph 1.1.b) each INNS and IEEE will committ \$ 10.000

3.2) In accordance with the terms of the paragraph 1.2.c) TH-SA will committ \$ 50.000 plus its financial participation as sponsor.

3.3) In case of profit, TH-SA will undertake, within two months following the end of the Conference, to allocate 14% of the profit to INNS, and 14% of the profit to IEEE, with a maximum allocation of \$ 15 000 to INNS and \$ 15 000 for IEEE.

Profit is the difference between incomes (such as registration fees, tutorial fees, exhibitors fees, sales of proceedings) and expenses (such as publication of proceedings, conference space costs, booths, advertising, mailings other than paragraph 1.1.a, conference management, cocktail reception etc).

Any others financial sponsoring, obtained by the conference management company according to the terms of the paragraph 1.4., won't be considered as income, and travel costs advanced by the Parties won't be considered either as income or as expenses.

The conference management company, will maintain separate bank accounts for the Conference and will maintain financial records so that they may be audited by IEEE, INNS and TH-SA.

3.4) In case of deficit, the INNS, IEEE and TH-SA allocations will be lost.

ARTICLE 4 : FUNDING SCHEDULE

The INNS and IEEE financial participation, according to the terms of the paragraph 1.1.b), will be paid on January 1, 1990.

ARTICLE 5 : TERM OF AGREEMENT

This Agreement shall commence on the date of its signature by Parties (INNS, IEEE and TH-SA), and shall terminate at the latest, two months from the end of the Conference, except the terms of the paragraph 1.1 c), which will survive beyond the term of this Agreement.

ARTICLE 6 : DATE OF THE CONFERENCE

The duration of the Conference is fixed for 5 days, foreseen from July 9 to 13, 1990.

ARTICLE 7 : ALTERATION

This Agreement cannot be altered, changed, supplemented or amended, except by written instrument, or instrument signed by Parties.

ARTICLE 8 : FORCE MAJEURE

None of the Parties will be liable for any delay or failure to perform, caused by act of the enemy, acts or regulations or decrees of any Government (de facto or de jure), the elements, act of God, earthquakes, floods, fires, riots, war, shipwreck, strikes, terrorism acts, freight embargoes, lockouts, work stoppages, unusually severe weather or other similar causes above and beyond the reasonable control of such Party; provided that such Party so affected shall give prompt notice to the other Parties, use its good faith efforts to avoid or remove such causes and continue performance hereunder with the utmost dispatch whenever such causes are removed or settled.

ARTICLE 9 : CORRESPONDENTS

All written notices and other communications shall be sent to the following correspondents:

For INNS: Professor Bernard Widrow (for all administration communications)
Durand Building, Room 139
Stanford University
Stanford, CA, U.S.A 94305-4055
Tel: 415-723-4949 Fax: 415-723-8473

For IEEE: Professor Nicholas De Claris
School of Medicine
University of Maryland
655 West Baltimore Street
Baltimore, MD, U.S.A 21201
Tel: 301-328-2060 Fax: 301-328-8013

For TH-SA: Dr. B. ANGENIOL
THOMSON-CSF/DSE
BP 150
92223 BAGNEUX Cedex- France
Tel: 40-84-42-39 Fax: 40-84-46-96

ARTICLE 10 : APPLICABLE LAW

The Parties agree that the French laws shall govern this Agreement and the performance hereunder.
Any invalidity, in whole or in part, of any provision of the Agreement shall not effect the validity of any other of its provisions.

All disputes arising out or in connection with this Agreement including its validity, interpretation, application, performance, termination or otherwise shall be settled by arbitration, according to the rules of conciliation and arbitration of the International Chamber of Commerce in PARIS, France.

ARTICLE 11 : GENERAL

11.1) The headings of the articles, used in this Agreement are included for convenience only and are not to be used in construing or interpreting this Agreement

11.2) The failure of either Party to insist, in any one or more instances, upon performance of any of the terms, covenants or conditions of this Agreement or to exercise any right hereunder, shall not be construed as a waiver or relinquishment of the future performance of any such term, covenant or condition or the exercise of such right, and the obligation of the other Party with respect to such future performance shall continue in full force and effect.

IN WITNESS WHEREOF, the Parties hereto have caused this Agreement to be executed on the respective dates written below, in duplicate by their respective officers thereunto duly authorized

INNS

IEEE

TH-SA

By B. Widrow

By N. De Claris

By E. Spitz

Date

Date

Date

Z. Net Communications

April 21st, 1989

PROJECT FOR THE ORGANIZATION OF THE INNS-IEEE
NEURAL NETWORK CONFERENCE SPONSORED BY THOMSON-CSF.

Date July 9-13 (5 days : 1 day tutorials and 4 days of conferences
and exhibits)

Place Palais des Congrès - Paris - France

Expected Attendance
1 000 to 2 000

Expected exhibitors
About 20/30

Organization Z-NET with local representation by NTC, their French agent

- Z-NET will undertake the following in order to insure the best cost/service ratio and high quality for the success of the congress
- Negotiations with the Palais des Congrès
- Rental of sufficient conference rooms for 4 plenary half-day meetings and afternoon meetings
- Rental of poster space and exhibit space
- Rent necessary technical equipment
- Request bids and negotiate with Exhibit companies
- Set up data-base for European mailings
- Contract with mailing houses
- Get bids and contract with
 - . hostesses
 - . security guards
 - . insurance
- Organize hotel allotments
- Organize gala reception
- Organize a press conference and send out press releases
- Do artwork, get bids and print :
 - . the proceedings
 - . call for papers
 - . exhibitor packets
 - . an advertising brochure
 - . the program
 - . plus badges, letter head, invitations, etc.

Z. Net Communications

..//..

- Receive inscriptions and registration fees, keep track of reservations
- Coordination with
 - . guest speakers
 - . other speakers + Posters
 - . participants
 - . exhibitors
- Keep account
- Coordination with program committees
- Coordination with Americans charged with handling US mailings of Brochure and Call for Papers
- Coordination for the preparation of the proceedings
- A contract is to be signed with Maureen Candell (Adaptics) who will handle part of the work

~~9903 Santa Monica Boulevard, Suite 304, Beverly Hills, California 90212~~
2232 Stanwood Drive - Santa Barbara 93103 California

IJCNN Winter 1990 Expense Detail

Rev 6-Mar-89	1000	1250	1500	1750	2000	2250	2500	2750	3000
MARKETING/PROMOTION									
Number of Attendees									
Call for Papers									
Printing	\$600	\$600	\$600	\$600	\$600	\$600	\$600	\$600	\$600
Mailing	\$4,500	\$4,500	\$4,500	\$4,500	\$4,500	\$4,500	\$4,500	\$4,500	\$4,500
Brochure Expenses									
Printing	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500
Mailing	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500
Mailing Lists	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000
Advertisements	\$12,000	\$12,000	\$12,000	\$12,000	\$12,000	\$12,000	\$12,000	\$12,000	\$12,000
Total Marketing	\$37,100	$37,100	$37,100	$37,100	$37,100	$37,100	$37,100	$37,100	$37,100
SOCIAL FUNCTIONS									
Reception	\$11,250	\$14,063	\$16,875	\$19,688	\$22,500	\$25,313	\$28,125	\$30,938	\$33,750
Coffee Breaks	\$13,250	\$16,563	\$19,875	\$23,188	\$26,500	\$29,813	\$33,125	\$36,438	\$39,750
Dinner	\$27,000	\$33,750	\$40,500	\$63,000	\$72,000	\$81,000	\$90,000	\$99,000	\$108,000
Total Social Functions	\$51,500	\$64,375	\$77,250	\$105,875	\$121,000	\$136,125	\$151,250	\$166,375	\$181,500
REGISTRATION EXPENSES									
Credit Card Fees	\$2,483	\$3,103	\$3,724	\$4,344	\$4,965	\$5,586	\$6,206	\$6,827	\$7,448
Attendee Packet	\$4,400	\$5,500	\$6,600	\$7,700	\$8,800	\$9,900	\$11,000	\$12,100	\$13,200
Final Program	\$1,875	\$2,250	\$2,625	\$3,000	\$3,375	\$3,750	\$4,125	\$4,500	\$4,875
Meeting Mgr Travel Exp	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500
Phone/Postage/Etc.	\$5,000	\$6,250	\$7,500	\$8,750	\$10,000	\$11,250	\$12,500	\$13,750	\$15,000
Meeting Mgr Fee	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000
Tot Regls. Expenses	\$39,258	\$42,603	\$45,949	\$49,294	\$52,640	\$55,986	\$59,331	\$62,677	\$66,023
EXCESS HOTEL ROOMS	\$44,880	\$22,440	\$11,220	\$0	\$0	\$0	\$0	\$0	\$0
PUBLICATION EXPENSES									
Review Expenses	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500
Proceedings Publication	\$33,660	\$41,310	\$48,960	\$56,610	\$64,260	\$71,910	\$79,560	\$87,210	\$94,860
Shipping to WashDC	\$1,875	\$2,250	\$2,625	\$3,000	\$3,375	\$3,750	\$4,125	\$4,500	\$4,875
Tot Pub Expenses	\$48,035	\$56,060	\$64,085	\$72,110	\$80,135	\$88,160	\$96,185	\$104,210	\$112,235
ADMINISTRATION EXPENSES									
Insurance/Bonding	\$500	\$500	\$500	\$500	\$500	\$500	\$500	\$500	\$500
Security & Guards	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500
Audio/Visual Equipment	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500
Office Equip (fax,copy, etc.)	\$500	\$500	\$500	\$500	\$500	\$500	\$500	\$500	\$500
Signage/Forms	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500
Telephone	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
Auditing	\$5,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000
Bookkeeping/Finance	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Tot Admin Expenses	\$23,500	\$22,500	$22,500	$22,500	$22,500	$22,500	$22,500	$22,500	$22,500
SEED MONEY TO 91 CONF	\$40,000	$40,000	$40,000	$40,000	$40,000	$40,000	$40,000	$40,000	$40,000
COMMITTEE EXPENSES									
Tutorial Speaker Fees	\$3,500	\$3,500	\$3,500	\$3,500	\$3,500	\$3,500	\$3,500	\$3,500	\$3,500
Travel Expenses, Tutorial	\$5,250	\$5,250	\$5,250	\$5,250	\$5,250	\$5,250	\$5,250	\$5,250	\$5,250
Invited Spkr Travel	\$42,000	\$42,000	\$42,000	\$42,000	\$42,000	\$42,000	\$42,000	\$42,000	\$42,000
Committee Travel									
Anderson	\$900	\$900	\$900	\$900	\$900	\$900	\$900	\$900	\$900
Caudill	\$1,150	\$1,150	\$1,150	\$1,150	\$1,150	\$1,150	\$1,150	\$1,150	\$1,150
Cooper	\$900	\$900	\$900	\$900	\$900	\$900	\$900	\$900	\$900
Pellionisz	\$900	\$900	\$900	\$900	\$900	\$900	\$900	\$900	\$900
Widrow	\$1,150	\$1,150	\$1,150	\$1,150	\$1,150	\$1,150	\$1,150	\$1,150	\$1,150
Total Committee Expenses	\$55,750	$55,750	$55,750	$55,750	$55,750	$55,750	$55,750	$55,750	$55,750
EXHIBIT EXPENSES									
Hall Rental	\$14,700	\$14,700	\$14,700	\$14,700	\$14,700	\$14,700	\$14,700	\$14,700	\$14,700
Exhibit Management	\$5,500	\$5,500	\$5,500	\$5,500	\$5,500	\$5,500	\$5,500	\$5,500	\$5,500
Exhibit Marketing	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500	\$6,500
Tot Exhibit Expenses	$26,700	$26,700	$26,700	$26,700	$26,700	$26,700	$26,700	$26,700	\$26,700
Total Conference Expenses	\$366,723	\$367,528	\$380,554	\$409,329	\$435,825	\$462,321	\$488,816	\$515,312	\$541,808

IJCNN Winter 1990 Meeting Daily Schedule

Rev 5/1/89											
Monday		Tuesday				Wednesday					
Regency Ballroom	Exhibition Hall	Regency Ballroom	Blue Room	Ambassador Room	Palladian Room	Exhibition Hall	Regency Ballroom	Blue Room	Ambassador Room	Palladian Room	Exhibition Hall
8:30 Tutorials	Exhibitor Setup	Application Track	Biology Track	Theory Track	Poster Session		Application Track	Biology Track	Steve & Gail (8:30-12:30)	Poster Session	
10:00						Exhibits OPEN					Exhibits OPEN
11:00 LUNCH		LUNCH	LUNCH	LUNCH	LUNCH		LUNCH	LUNCH	LUNCH	LUNCH	
12:00											
1:00											
2:00											
3:00											
4:00							Funding Panel				
5:00								DINNER	DINNER	DINNER	DINNER
6:00 Welcome Reception & Kohonen Concert		DINNER	DINNER	DINNER	DINNER			DINNER	DINNER	DINNER	
7:00		PLENARY					PLENARY				
8:00		Widrow/Hubel					Cooper/Edelman				
9:00											
Thursday		Friday			Friday						
Regency Ballroom	Blue Room	Ambassador Room	Palladian Room	Exhibition Hall	Regency Ballroom	Blue Room	Ambassador Room	Palladian Room	Exhibition Hall		
8:30 Application Track	Biology Track	Theory Track	Poster Session		Application Track	Biology Track	Theory Track	Poster Session	Exhibitor Tear Down		
10:00				Exhibits OPEN							
11:00 LUNCH	LUNCH	LUNCH	LUNCH		LUNCH	LUNCH	LUNCH	LUNCH			
12:00											
1:00											
2:00											
3:00	Evolution. Iss. Panel (Stork)										
4:00											
5:00 BREAK	BREAK	BREAK	BREAK		END OF MEETING	END OF MEETING	END OF MEETING	END OF MEETING	END OF MEETING	END OF MEETING	
6:00 Buffet Dinner											
7:00											
8:00											
9:00											
					IF NO BREAKS	IF AMPM BREAKS					
	# Inv. Spkrs (approx)	Total Time Avail for Track	Time for Contrib Papers		Max Num Contrib Papers	Max Number Contrib Papers					
TRACK											
APPLICATIONS	15	1480	880		44	36					
NEUROBIOLOGY	14	1360	800		40	33					
THEORY	10	1320	920		46	39					
Totals	39	4160	2600		130	108					
NOTE: Number of invited speakers is number of speakers invitations were sent to; most have not yet replied.											
NOTE: Theory track invited speakers assumes that 4 of the 14 speakers actually invited for track will talk in the Grossberg Session Wednesday AM											
NOTE: All times shown in minutes, with 40 min per invited speaker and 20 min per contributed paper.											
Maximum number of contributed papers will be adjusted as we have drop-outs from the number of invited speakers.											

TAB 8

***Conference Committees Appointed
by the IEEE NNC faction of the
IJCNN Oversight Committee***

(Nicholas DeClaris, Chair)

TO: Robert J. Marks II, NNC Chairman pro tem
SUBJECT: Nominations for Organizing Committees
Summer IJCNN-90 and Summer IJCNN-91

Date: May 15, 1989

The following nominations are been submitted for election by the IJCNN Oversight Committee - those are Conferences for which IEEE has the leading role. All individuals have been contacted and will serve if elected. The matter is very urgent thus e-mail ballot is requested.

ORGANIZING COMMITTEE FOR IJCNN-90 SUMMER
location SAN DIEGO - date TO BE DETERMINED

General Co-Chairs: Joseph Goodman, Stanford
Walter Karplus, UCLA

Program Co-Chairs: Walter Freeman, UC/Berkeley
Bart Kosko, USC

Finance Chair: John Caufield, U. of Alabama

Local Arrangements: Patrick Simpson, General Dynamics

ORGANIZING COMMITTEE FOR IJCNN-91 SUMMER
location TO BE DETERMINED - date TO BE DETERMINED

General Co-Chairs: Nicholas DeClaris, U. of Maryland
Dimitris Psaltis, Cal Tech

Program Co-Chairs: James Albus, NIS&T
Paul Werbos, NSF

Finance Co-Chairs: Lee Giles, AFOSR
Jean McCausland, Fairchild

Local Arrangements: To be determined

TAB 10

May 23, 1989

IEEE Neural Networks Committee Members And Member Society Presidents

Robert J. Marks II, Chairman pro tem
Evangelia Tzanakou, Secretary pro tem
Wesley E. Snyder, Treasurer

Acoustics, Speech and Signal Processing

Richard P. Lippmann
MIT Lincoln Laboratory
P.O. Box 73
Lexington, MA 02173
(617) 981-2711

B. H. Juang
AT&T Bell Laboratories 2d 534
600 Mountain Avenue
Murray Hill, NJ 07974
(201) 582-2002

D. M. Etter, President
EECE Department
University of New Mexico
Albuquerque, NM 87131
(505) 277-6564

Circuits and Systems

Robert J. Marks II
Interactive Systems Design Laboratory
University of Washington
Seattle, WA 98195
(206) 543-6990
marks@blake.acs.washington.edu
FAX:(206)543-3842

Anthony N. Michel
Dean, College of Engineering
Dept. of Electrical Engineering
University of Notre Dame
Notre Dame, IN 46556
(219) 239-5534

Dr. Rolf Schaumann, President
Dept. of Electrical Engineering
University of Minnesota
123 Church Street S.E.,
Minneapolis, MN 55455
(612) 625-0838

Communications

Kesh Bakhru
Cubic Corporation
9333 Balboa Avenue
San Diego, CA 92123
(619) 277-6780, ext. 2648

(Vacant)

John C. McDonald, President
Contel Corporation
375 Park Avenue, Suite 2405
New York, NY 10152
(212) 758-6161

Control Systems

Herbert E. Rauch
Lockheed
Dept. 92-20, Bldg. 254E
3215 Hanover Street
Palo Alto, CA 94304
(415) 424-2704
FAX: (415) 424-3333

Bradley Dickinson
Dept. of Electrical Engineering
Princeton University
Princeton, NJ 08544
bradley@ivy.princeton.edu
(609)452-4644

Jane K. Cullum, President
33-259
IBM Research Division
T. J. Watson Research Center
P. O. Box 218, Route 134
Yorktown Heights, NY 10598
(914) 945-2227

Engineering in Medicine and Biology

Evangelia Tzanakou
Biomedical Engineering
Rutgers University
P.O. Box 909
Piscataway, NJ 08854
(201) 932-2037
etzanako@elbereth.rutgers.edu
FAX:(201)932-5313

Russell Eberhart
JHU Applied Physics Laboratory
Johns Hopkins Road
Laurel, MD 20707
(301) 953-5037
rce1%aplvm.bitnet@uwavm.acs.
washington.edu
301-953-1093 (953-5667)

Willis J. Tompkins, President
Electrical & Computer Engineering
University of Wisconsin
1415 Johnson Drive
Madison, WI 53706-1691
(608) 263-1581

Industrial Electronics

H. Troy Nagle
Elec. and Computer Engineering
North Carolina State University
Box 7911
Raleigh, NC 27695
(919) 737-3578
htn@ece-csc.ncsu.edu
FAX:(919)737-7382

Yoichi Okabe
Dept. of Electronic Engineering
University of Tokyo
7-3-1, Hongo, Bunkyo-ku
Tokyo 113, Japan
81-3-812-2111, ext. 6664

Fernando Aldana, President
Universidad Politecnica de Madrid
Avda. Ramiro de Maeztu, s/n
Cuidad Universitaria
E-28040 Madrid, SPAIN
34-1-234 37 09

Information Theory

Edward C. Posner
Dept. of Electrical Engineering
California Inst. of Technology
1201 California Street
Pasadena, CA 91125
(818) 356-4852

Yasser S. Abu-Mustafa
Dept. of Electrical Engineering
California Inst. of Technology
1201 California Street
Pasadena, CA 91125
(818) 356-4842

Ian F. Blake, President
Dept. of Electrical Engineering
University of Waterloo
Waterloo, Ontario, Canada N2L 3G1
(519) 885-1211 Ext. 2840

Lasers and Electro-Optics

Joseph W. Goodman
Dept. of Electrical Engineering
Stanford University
McCullough 150
Stanford, CA 94305-4055
(415) 723-3304
goodman@sierra.stanford.edu

Kristina Johnson
Dept. of EE & CS
University of Colorado
Campus Box 425
Boulder, CO 80309
(303) 492-1835
kris@boulder.colorado.edu

Melvin I. Cohen, President
AT&T Bell Laboratories
P. O. Box 900
Princeton, NJ 08540
(609) 639-2223

Robotics and Automation

Wesley E. Snyder
Elec. and Computer Engineering
North Carolina State University
Box 7911
Raleigh, NC 27695
(919) 737-2336
wes@ecelet.ncsu.edu

(Vacant)

Arthur C. Sanderson, President
Electrical, Computer & Systems Engineering
Rensselaer Polytechnic Institute
110 Eighth Street
Troy, NY 12180
(518) 276-2879

Systems, Man, and Cybernetics

Nicholas DeClaris
8518 Beauford Drive
Fulton, MD 20759
(202) 357-7692
declaris%medinfor.uucp@umbc3.umbc.edu

Don Bouldin
Dept. of Electrical & Computer Engineering
University of Tennessee
Knoxville, TN 37996-2100
(615) 974-5444
bouldin@sun1.engr.utk.edu

Arye R. Ephrath, President
Bell Communications Research, Inc.
444 Hoes Lane
Room 4D-512
Piscataway, NJ 08854
(201) 699-4129

Division 10 Director:

Anthony Ephremides
Electrical Engineering Department
University of Maryland
College Park, MD 20742
(301) 454-6871
(301) 933-5678 (home)
FAX: (301) 454-1837
tony@eneevax.umd.edu

TAB 11

Charter of the IEEE Neural Networks Committee (NNC)

Agreement Among the Participating Societies Regarding IEEE Activities in Neural Networks.

SCOPE

The IEEE Neural Networks Committee is a committee of the IEEE Technical Activities Board consisting of IEEE Societies whose purpose is to coordinate technical activities in the interdisciplinary area of Neural Networks and provide the focus for cooperative efforts among TAB entities. The following Societies shall jointly sponsor the IEEE Neural Networks Committee, hereafter referred to as the Committee or NNC:

- Acoustics, Speech, and Signal Processing Society
- Circuits and Systems Society
- Communications Society
- Computer Society
- Control Systems Society
- Engineering in Medicine and Biology Society
- Industrial Electronics Society
- Information Theory Group
- Laser and Electro-Optics Society
- Systems, Man, and Cybernetics Society

The IEEE Neural Networks Committee shall act to foster activities in the area of Neural Networks by forming technical subcommittees, task forces, interest groups, and sponsoring technical workshops, symposia and international conferences. The NNC shall represent the IEEE Technical Activities Board in matters relating to Neural Networks.

THE COMMITTEE

The membership of the NNC shall consist of two delegates from each of the sponsoring Societies. These delegates must be appointed by their respective Societies for two-year staggered terms, and may be reappointed. Each sponsoring organization shall have one equal vote on matters before the NNC.

The committee shall elect biennially a Chairman from among its current membership. The Chairman shall serve as focus for all communications and shall direct, on behalf of

the NNC, the operational matters of the committee. For the duration of the office of Chairman, that individual will not be considered to be a representative of his/her respective Society, therefore able to represent more freely the overall objectives of the NNC. The Chairman's Society will be represented by the other delegate only. On a biennial basis, the NNC shall also elect a Secretary and a Treasurer. In addition to the usual duties regarding minutes, reports, records, etc., the Secretary shall serve as Chairman pro tem in the absence of the Chairman. When the election to office of a Committee member requires an extension of the member's term of appointment by the sponsoring Society, it is expected that such an extension will take place. This extension will be for either one or two years as necessary, to maintain the staggered appointment with the other delegate.

IMPLEMENTATION

This agreement shall be acted upon by the President of each sponsoring Society on behalf of the respective Administrative Committee or Board of Governors. Should any choose not to participate in this agreement, it is understood that their allocated positions on the NNC AdCom and their participation in sponsoring or funding of its activities shall be voided. The letter will be a binding agreement upon the parties when approved by their respective administrative committees and approved by the appropriate IEEE board(s). The original of this letter and of signed letters of transmittal indicating sponsorship agreement from the respective IEEE Societies will become a part of TAB records.

Once the NNC has been established, other IEEE Societies can petition to become members of the Committee. Such Societies must demonstrate that they have been active in the area of Neural Networks in the last two years. A two thirds majority vote is required by the NNC for admission of new members.

A Society can indicate its intent to withdraw from the NNC at any time. However, the withdrawing Society shall continue to be financially responsible for its share of future NNC activities which have been approved by the NNC prior to the date of withdrawal. If a Society withdraws from the NNC, its share in future NNC activities is divided equally among the remaining members.

FINANCIAL MATTERS

All member Societies share equally in the financial responsibilities of the NNC. Budgets requiring NNC approval shall be submitted to the sponsoring Societies at least sixty days in advance of the NNC vote, so that the sponsoring Societies can instruct their representatives accordingly. Budgets will be approved by majority vote of the committee.

The NNC shall be authorized to establish a reserve fund from which it can maintain its own operations. The fund shall be used to make cash advances to conferences sponsored by the NNC and to support the operating expenses of the Committee. The level of this reserve shall be 50% of the approved operating budget (including conference commitments) for the last year's operations. All monies above this level will be

distributed to the sponsoring Societies on an equal basis at the close of the IEEE fiscal year.

AMENDMENTS

Changes in the procedures specified in this letter will be enacted by amendments to be approved by a two thirds majority of the sponsoring Societies.

Date _____

Agreed by

(Name)

(Office)

(Society)

-
1. The Computer Society has apparently chosen not to participate in the NNC (12/21/88, Robert J. Marks II, NNC Chairman pro tem).

TAB 12

AGREEMENT

The IEEE Neural Networks Committee and the International Neural Network Society

In the interest of promoting research, development, and education in the area of Neural Networks, the IEEE Neural Networks Committee (NNC) and the International Neural Network Society (INNS) agree to jointly sponsor international meetings, known hereafter as the "International Joint Conferences on Neural Networks", equally sharing the risk and the surplus of the conferences. In this spirit, a trial period of two years has been agreed upon, as covered by the following articles.

- 1) This document becomes effective January 1, 1989.
- 2) The conference shall be entitled the International Joint Conference on Neural Networks (IJCNN)
- 3) Primary responsibility for operation of each conference shall alternate between the two societies. The society with responsibility for a particular conference shall be known as the "lead society"
- 4) The lead society shall appoint the organizing committee, consisting of the general chair, program chair, and finance chair. The program and finance chairs from the previous conference shall serve on those committees. The vice chairs of the program and finance committees shall be appointed by the other society.
- 5) Both societies may organize and operate membership booths in conjunction with registration. Society publications may be sold at these booths. Registrants may join either society at the meeting and receive member discounts.
- 6) Proceedings of the joint conferences will be sold to members of either society at the member's rate. The conference committee should approach the IEEE book broker program to establish a mechanism for post-conference sales. Establishment of this mechanism shall be part of the budget planning

B.W.
JW

process for each conference. The lead society will be responsible for post conference sales of proceedings.

7) Copyrights to the conference proceedings will be controlled by the lead society.

8) Exhibits are encouraged as an integral part of the conferences. The conference committee will be responsible for establishing an exhibits program, in coordination with members of the vendor community.

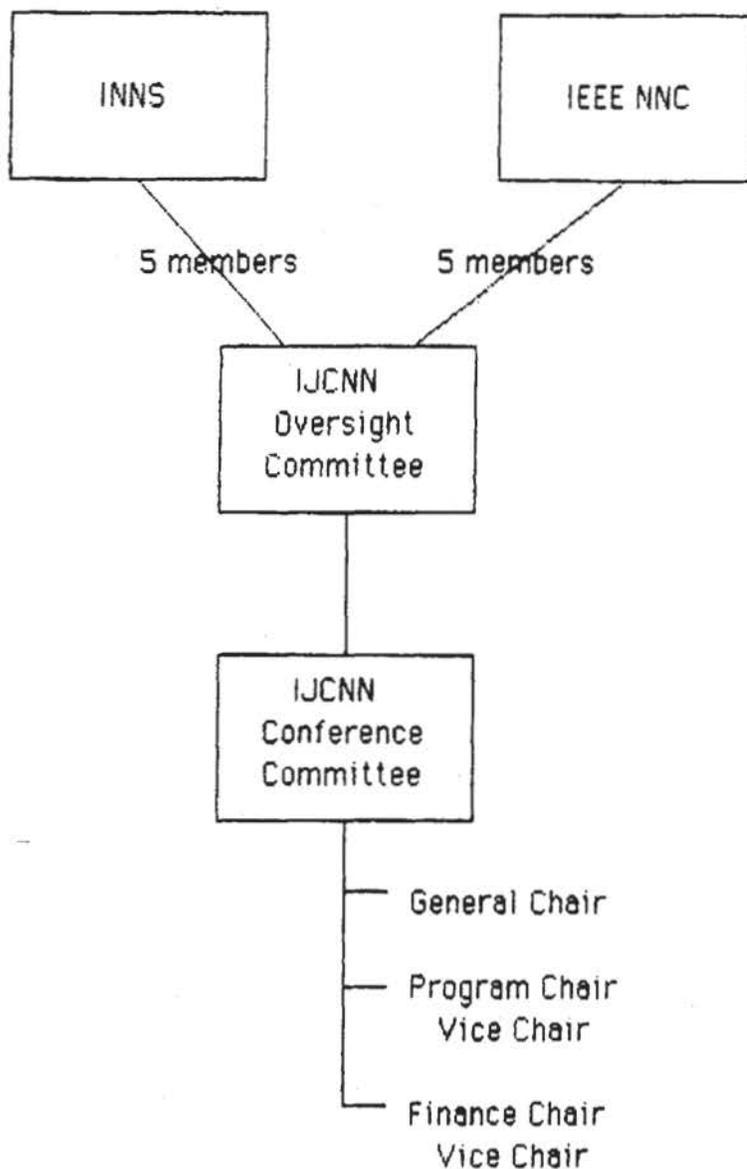
9) As a general guideline, speakers (except for tutorial speakers) are not compensated for their presentations. Plenary speakers normally have their travel expenses paid. The conference committee will set specific arrangements in accordance with the policies of both parent societies. Compensation for tutorial speakers shall be consistent with the policies of the parent societies. Session chairs are not normally compensated for their travel expenses.

10) Registration fees will be determined by the conference committee and submitted to the sponsoring societies as part of the conference budget. Significant fluctuations in fees for contiguous meetings are discouraged.

11) All expenses associated with the conference will be included in the conference budget which must be approved by both societies. It is the responsibility of the conference committee to enforce adherence to the budget.

12) There shall be an oversight committee, consisting of not more than 5 people, appointed by the IEEE NNC, and not more than 5 people appointed by the INNS Executive Committee. This IJCNN Oversight Committee shall serve to ensure adherence to this agreement and to mediate any disagreements as provided in item 14. The following diagram specifies the organizational structure:

JM
R.J.M.



13) This agreement will cover the first four meetings:

- June, 1989, Washington, DC -- Lead society, IEEE
- January, 1990, Washington, DC--Lead society, INNS
- June, 1990, San Diego--Lead society, IEEE
- January, 1991, West Coast--Lead society, INNS

There will be an evaluation of the effectiveness of this agreement by the oversight committee after the January, 1990 meeting.

R.J.W.
[Signature]

14) Disagreements within the conference committee may be mediated by the oversight committee. If the oversight committee cannot resolve the disagreement, the matter is referred to the NNC and the INNS board.

15) Either society unilaterally may withdraw from (dissolve) this agreement. In the event of dissolution, each society shall honor its previously approved budgets. In case of dissolution, the title IJCNN may not be used by either society, and both societies shall retain the use of their original conference names:

INNS Annual Meeting: INN Society
ICNN: IEEE Neural Networks Committee

Dissolution may not be affected until after the January 1990 conference. Budgets for conferences thereafter will be approved in pairs.

This document was duly discussed and jointly prepared by the IEEE NNC negotiating committee and the INNS executive committee on 29 November, 1988.

Recommended for approval by the NNC Negotiating Committee:

<u><i>[Signature]</i></u> Chair	Date: <u>11/29/88</u>
<u><i>[Signature]</i></u>	Date: <u>11/29/88</u>
<u><i>[Signature]</i></u>	Date: <u>11/29/88</u>
<u><i>[Signature]</i></u>	Date: <u>11/29/88</u>
<u><i>[Signature]</i></u> (observer)	Date: <u>11/29/88</u>

[Handwritten initials]
M.W.
JUP

Approved by the INNS executive committee:

B. Widrow Chair

Date: 11/29/88

[Signature]

Date: 29 Nov 1988

Tom Seymour

Date: 11/29/88

Approved for the NNC by its Chair:

Robert J. Marks II

Date: 5/23/89

[Handwritten initials]

TAB 13

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990, 543-6061 or 543-2150
FAX (206) 543-3842; marks@blake.acs.washington.edu*

3-2-89

Dr. Nicholas DeClaris
8518 Beauford Drive
Fulton, MD 20759

Dear Dr. DeClaris:

There are still some aspects of the IJCNN Oversight Committee (IOC) that are not yet clear. By this letter, I hope to make clear my interpretation of the responsibilities and organization of the IOC from the viewpoint of the IEEE Neural Networks Committee.

First, there will be a single global IOC Chair. The membership affiliation of the Chair will rotate yearly between the NNC and the International Neural Network Society (INNS). The fiscal year for this change will begin February first (after the winter IJCNN). This procedure was agreed upon by Dr. Widrow, INNS President, and me. You will be the first IOC Chair.

The NNC must also have a point man or woman for purposes of presenting IOC proposals to the NNC and for coordinating the NNC organized IJCNN conferences. Years in which a NNC member will Chair the IOC, this person will also serve as the IOC Chair. Any significant deviation from the INNS-NNC agreement concerning the IJCNN's must be approved by a majority vote of the NNC. This includes but is not limited to changing the dates and/or locations of the specified IJCNN's or the initiation of new IJCNN's (*i.e.* other than the yearly summer and winter conferences).

Due to the long term commitments required in major conference planning, the IOC will be making preliminary decisions for future conferences to be held when the tenure of current members will be over. The current IOC, for example, will be making decisions for both currently planned 1990 IJCNN's.

In steady state, I propose NNC membership in the IOC will be on a rotating two year basis. An IOC member, however, may serve two or more concurrent appointments. The current and future members of the NNC appointees to the IOC are:

Kristina Johnson	(1988-90)
Edward Posner	(1988-90)
Fernando Aldana	(1988-90)
Wesley E. Snyder	(1988-91)
Nicholas DeClaris	(1988-91)
Barbara Yoon	(1990-92)
Russ Eberhart	(1990-92)

An additional member for 1990-92 has yet to be identified.

Enclosed is a copy of documents concerning availability of a conference facility in San Diego for summer of 1990. An updated list of NNC members is also enclosed. If urgent, any IOC motions requiring approval of the NNC may be put to vote by a mail ballot. Dr. Evangelia Tzanakou, NNC Secretary pro tem, will solicit and tally the NNC response.

I appreciate your willingness to Chair the IOC until February 1990.

Sincerely,

A handwritten signature in cursive script, appearing to read "Robert J. Marks II", with a stylized flourish at the end.

Robert J. Marks II
NNC Chairman pro tem

cc: Prof. B. Widrow, INNS President
Evangelia Tzanakou, NNC Secretary pro tem
IEEE NNC Oversight Committee Members
Mike Aronstein, San Diego Section
Nomi Feldman

THE INSTITUTE OF ELECTRICAL AND
ELECTRONICS ENGINEERS, INC.

REPORT ON AUDIT OF STATEMENT OF REVENUE COLLECTED AND
EXPENSES PAID AND DISTRIBUTION OF NET PROCEEDS
For the Third Annual International Joint
Conference on Neural Networks
Held on June 18 Through 22, 1989

Coopers
& Lybrand

Certified Public Accountants

THE INSTITUTE OF ELECTRICAL AND
ELECTRONICS ENGINEERS, INC.

REPORT ON AUDIT OF STATEMENT OF REVENUE COLLECTED AND
EXPENSES PAID AND DISTRIBUTION OF NET PROCEEDS
For the Third Annual International Joint
Conference on Neural Networks
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REPORT OF INDEPENDENT ACCOUNTANTS

To the Committee of
The Institute of Electrical and Electronics Engineers, Inc.
Third Annual International Joint Conference on Neural Networks
San Diego, California

We have audited the accompanying statements of revenue collected and expenses paid and distribution of net proceeds, on a cash basis, for the Third Annual International Joint Conference on Neural Networks held on June 18 through 22, 1989. These financial statements are the responsibility of the Conference's Committee. Our responsibility is to express an opinion on these financial statements based on our audit.

We conducted our audit in accordance with generally accepted auditing standards. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

As described in Note 1, the accompanying statements of revenue collected and expenses paid and distribution of net proceeds have been prepared on the basis of cash receipts and disbursements, which is a comprehensive basis of accounting other than generally accepted accounting principles.

In our opinion, the financial statements referred to above present fairly, in all material respects, the revenue collected and expenses paid and distribution of net proceeds of the Third Annual International Joint Conference on Neural Networks covering the period of June 18 through 22, 1989, on the basis of accounting described in Note 1.

Coopers & Lybrand

San Diego, California
July 26, 1990

THE INSTITUTE OF ELECTRICAL AND
ELECTRONICS ENGINEERS, INC.

STATEMENT OF REVENUE COLLECTED AND EXPENSES PAID
For the Third Annual International Joint
Conference on Neural Networks
Held on June 18 Through 22, 1989

	<u>Conference</u>	<u>Tutorial</u>	<u>Total</u>
Revenue collected:			
Registration	\$368,931	\$ -	\$368,931
Tutorials	-	203,225	203,225
Exhibits	43,690	-	43,690
Proceedings	9,845	-	9,845
Other revenue, including interest of \$10,563	<u>13,223</u>	<u>5,281</u>	<u>18,504</u>
Total revenue collected	435,689	208,506	644,195
Expenses paid:			
Marketing	16,054	16,053	32,107
Administration	8,807	-	8,807
Exhibits	9,439	-	9,439
Proceedings	79,243	-	79,243
Hospitality	138,364	-	138,364
Committee expense	20,044	3,582	23,626
Local arrangements	33,067	8,267	41,334
Tutorials	<u>-</u>	<u>84,417</u>	<u>84,417</u>
Total expenses paid	<u>305,018</u>	<u>112,319</u>	<u>417,337</u>
Net proceeds	<u>\$130,671</u>	<u>\$ 96,187</u>	<u>\$226,858</u>

The accompanying notes are an integral part
of the financial statements.

THE INSTITUTE OF ELECTRICAL AND
ELECTRONICS ENGINEERS, INC.

DISTRIBUTION OF NET PROCEEDS
For the Third Annual International Joint
Conference on Neural Networks
Held on June 18 through 22, 1989

	<u>Conference</u>	<u>Tutorial</u>	<u>Total</u>
Net proceeds	<u>\$130,671</u>	<u>\$96,187</u>	<u>\$226,858</u>
Distribution:			
Educational Activities Board	\$ -	\$96,187	\$ 96,187
Technical Activities Board	130,671	-	<u>130,671</u>
			<u>\$226,858</u>

The accompanying notes are an integral part
of the financial statements.

THE INSTITUTE OF ELECTRICAL AND
ELECTRONICS ENGINEERS, INC.

NOTES TO STATEMENT OF REVENUE AND EXPENSES
AND DISTRIBUTION OF NET PROCEEDS
For the Third Annual International Joint
Conference on Neural Networks

1. Organization and Basis of Presentation:

The San Diego Chapter of the Institute of Electrical and Electronics Engineers, Inc. (the I.E.E.E.) held the Third Annual International Joint Conference on Neural Networks from June 18 through 22, 1989. The statements of revenue collected and expenses paid and distribution of net proceeds for that conference have been prepared on the cash basis of accounting and not on an accrual basis, as would be required by generally accepted accounting principles. In order for the statements to be in accordance with generally accepted accounting principles, revenue would be recognized when earned, rather than when received, and expenses would be recognized when incurred, rather than when paid (see also Note 3).

2. Income Tax:

No income tax has been provided on the net proceeds since this was an activity of the I.E.E.E. and the outcome will be incorporated into their operating results at year-end.

3. Contingencies (Unaudited):

Below is a summary of the unaudited payable outstanding at June 22, 1989. Had this liability been reflected as an expense in the accompanying statement of revenue and expenses, the net proceeds from the conference and tutorials would have been as follows:

	<u>Conference</u>	<u>Tutorial</u>
Net proceeds	\$130,671	\$96,187
Expenses:		
Audit fees	<u>9,200</u>	<u>2,300</u>
Total	<u>\$121,471</u>	<u>\$93,887</u>

Additionally, the conference had an advance of \$41,000 from the I.E.E.E. San Diego Section, which was refundable to them. This amount has not been included as revenue or expense in the accompanying financial statements.

I.E.E.E., as a not-for-profit organization, is not subject to income taxes on interest revenue. A notice of the tax exempt status was not filed with one of the financial institutions; consequently, they withheld \$1,350 of income taxes. This amount is due to I.E.E.E.



CIRCUITS AND SYSTEMS SOCIETY

PLEASE REPLY TO:

Patricia D. Daniels
Professor and Chairperson
Department of Electrical
Engineering
Seattle University
Seattle, Washington 98122

January 25, 1989

Professor Robert J. Marks II
Department of Electrical Engineering FT-10
University of Washington
Seattle, WA 98195

Dear Bob:

Thank you so much for your excellent presentation to the joint meeting of IEEE Circuits and Systems and Computer Societies on January 24. I was pleased to learn of your appointment as Chair pro tem of the IEEE Neural Networks Committee and look forward to further interaction with your committee.

Please send me copies of the bills for the conference room rental and any other charges when you receive them. I can then arrange for a check to be issued to you.

Thanks again for your participation in this IEEE Seattle Section activity.

Sincerely,

A handwritten signature in cursive script that reads "Pat".

Patricia D. Daniels
Chair, Circuits and Systems Society Chapter

cc: Paul Kostek, Secretary
IEEE Seattle Section



香港城市理工學院
City Polytechnic of Hong Kong
九龍旺角彌敦道七零零號旺角中心第二座
電話：三·九八四三二一
Argyle Centre, Tower II
700, Nathan Road, Mongkok, Kowloon, Hong Kong
Cable: CITYPOLYHK Telex: 39369 CPOLY HX
FAX: 3-970275 Phone: 3-984321

Director: Dr David Johns

Your ref:

Our ref:

Dept. Electronic Engineering
Kowloon Tong Campus

December 23, 1988

Prof. Robert J. Marks II
Interactive System Design Laboratory
FT-10 University of Washington
Seattle WA 98195
U.S.A.

Dear Bob,

It's great to talk to you on the phone this morning. You still sound like the *Bob* I used to know — always positive and considerate. I thank the Lord to let me get the funding and can go to Nanjing. It is so quick ...

Somehow, the joy has returned to me. Thank you for your reminding advice (the advice help me to focus right again) and your petition of me before God. Give thanks in everything — what a precious lesson when you learn it in the Holy Spirit. Talking of Holy Spirit, I am reading a Chinese translation of a Billy Graham's book, the title is "Holy Spirit". The spiritual literatures and books in Hong Kong are very inexpensive. "Holy Spirit" is a big topic, especially in this very end time of the world. The book is very enjoyable, highly recommended.

Several items I didn't mention on the phone:

- The *IEE* Conference:
An appropriate suggestion is the *APNN* paper. An overview of the architecture and the performance analysis will be a good topic.
- I am very interested of the faculty position at Texas Tech. The problem, however, is I can't tell when can I get back to the States. The processing rate is on the downfall again. Last time I told you the quota they were processing was at August 1, 1985. This month is at around mid October, 1985. A $2\frac{1}{2}$ months difference. So the processing rate this year so far, starting at October, is 10 months, 4 months and $2\frac{1}{2}$ months — on a falling trend. I guess this is due to the holiday season where a lot of staffs are on vacation. Nevertheless, you can never tell those guys at the Consulate.
- I haven't got Stark's spiral sampling paper. Cindy must have forgotten to stuff it into the envelope. You only need to tell me the journal and the volume number. I can get it in the *CPHK* library.
- I'm glad you sold your house and move into a new one. Too bad I drive your car but can't live in your house ...
- I just got a 20MHz AT compatible. Can you make a copy of the v3.0 PC-MATLAB on 1.2 Mb high density diskettes and send them to me. The one I got is v2.2.

Happy New Year

Kwan

Kwan F. Cheung
Lecturer



香港城市理工學院
City Polytechnic of Hong Kong
九龍旺角彌敦道七零號旺角中心第二座
電話：三·九八四三二一
Argyle Centre, Tower II
700, Nathan Road, Mongkok, Kowloon, Hong Kong
Cable: CITYPOLYHK Telex: 30360 CPOLY HK
FAX: 3-970275 Phone: 3-984321

Director: Dr David Johns

Your ref:

Our ref:

Dept. Electronic Engineering
Kowloon Tong Campus

January 18, 1989

Prof. Robert J. Marks II
Interactive System Design Laboratory
FT-10 University of Washington
Seattle, Wa 98195
U.S.A.

Dear Bob,

Howdy!

Congradulation to you for all the good things you've got. Especially to Cindy who is going to get a SUN and a son. I hope she'll enjoy both sons (or SUNs)? Anyway ...

I am writing the Nanjing paper and I need the exact format from you. Will you send me one as soon as you can? Hopefully I can have it finished by the end of this month (I keep my finger crossed).

Happy *Chinese* New Year

Kwan F. Cheung
Lecturer

Department of Electrical Engineering
Microsystems Laboratory
University of Maryland
College Park, MD 20742



Robert W. Newcomb, Professor
Telephone 301-454-6869
Email: newcomb@eneevax.eng.umd.edu
Fax (301) 454-1837

November 30, 1989

To: IJCNN Oversight Committee (IOC)
From: Robert W. Newcomb
Subject: Meeting Call

As agreed upon at the meeting of November 25, 1989, the next IOC meeting will be as follows:

Date: Monday, January 15, 1989

Time: 9:30 am to 5:00 pm

Meeting: IJCNN-90-Wash-DC

Place: Omni Shoreham
2500 Calvert Street, N.W.
Washington, DC 20008-9980
Phone: (202) 234-0700

Room: To be announced

Agenda: Presently proposed as follows

1. Introductions
2. Minutes of 11/25/89 meeting
3. Agreement between NNC and INNS
 - a. Status of agreement
 - b. Status of IOC Constitution & Bylaws
4. Status of meeting plans
 - a. 1990s
 - b. 1991s
 - c. 1992s
 - d. 1993s
 - e. 1994s
 - f. 1995s
10. Other old business
11. New business
12. Turn over to INNS Chair of IOC for the next year
13. Adjournment

As soon as the minutes from the 11/25/89 meeting become available I will distribute them. These are especially important due to the change in philosophy of a) the position of the IOC, b) assignment and charge of meetings' general chairmen, and c) newly agreed upon plans for future meetings through 1995.
RWN/db

cc: Others listed on the IOC address list



IEEE Neural Networks Committee

November 26, 1989

Denver Sheraton Tech Center



TO: Robert Marks, Chair, IEEE NNC

FROM: Troy Nagle

DATE: November 25, 1989

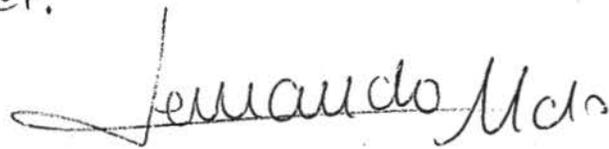
SUBJECT: Proxy Vote

I hereby give my proxy vote to Russ Eberhart for the Neural
Networks Committee meeting in Denver.



November 25, 1989
Denver, Colorado

I hereby grant my proxy for the November 26, 1989,
meeting of the IEEE Neural Networks Committee
to Dr. Wesley Snyder.



Fernando Aldana
Industrial Electronics Society



IEEE



INDUSTRY APPLICATIONS SOCIETY

Eugene J. Fagan
PRESIDENT
December 31, 1989

PLEASE REPLY TO:
E. I. du Pont de Nemours & Company
Engineering Department
P.O. Box 6090
Newark, DE 19714-6090 USA
(302) 366-2884

Mr. Robert J. Marks, II
Department of Electrical Engineering, FT-10
University of Washington
Seattle, WA 98195

Dear Mr. Marks:

Thank you for your letter of December 7 explaining the status of our request for membership to the Council on Neural Networks. When I voted for establishment of the Council in Tarpon Springs, Florida, I was aware of your statement that membership by Industrial Applications Society was pending. I assumed that approval of our request would be handled in a routine manner. After reading your letter, however, the process appears quite complicated. It almost seems that I would have been better advised to vote "no" on your request so long as Industry Applications Society was excluded.

Let me summarize our position. The Executive Board of the Industry Applications Society has voted to join the Council on Neural Networks. Our representatives are Drs. Nutter and Cook. I will ask them to attend your AdCom meeting at 6:30 pm on January 16, 1990, if their schedules permit. If their schedules do not permit, I trust that you will consider our application anyway.

Very truly yours,

Eugene J. Fagan
Society President

EJF/lc
IEEE5:18

cc: Dr. M. Dayne Aldridge-Auburn University, School of
Engineering, 108 Ramsey Hall, Auburn University, AL
36849-3501, 205-844-4333

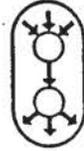
Dr. Roy S. Nutter, Jr., West Virginia University, 821
Electrical Engineering, P.O. Box 6101, Morgantown, WV
26506, 304-293-6375

Dr. George E. Cook, Vanderbilt University, P.O. Box 2215
Station B, Nashville, TN 37235, 615-322-2259

THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.



NEURAL NETWORKS



Robert J. Marks II, Chairman
IEEE Neural Networks Committee
UNIVERSITY OF WASHINGTON, FT-10
DEPT. OF ELECTRICAL ENGINEERING
SEATTLE, WASHINGTON 98195 USA
(206) 543-6990; FAX (206) 543-3842
marks@blake.acs.washington.edu

11-12-89

Dear NNC Members and Member Society Presidents:

The next meeting of the *IEEE Neural Networks Committee* will be in Room 535 at the Denver Sheraton Tech Center at 1:30 P.M. on Sunday, November 26th. There will be an NNC dinner at 5:30 in the same room.

Included in this book is a copy of the budget submitted for the Summer 1990 *International Joint Conference on Neural Networks*. In accordance to the NNC Charter, Member Societies have sixty days to review budgets prior to the NNC vote.

I look forward to seeing you in Denver.

Sincerely,

A handwritten signature in black ink, appearing to read 'R.J. Marks II' with a stylized flourish at the end.

Robert J. Marks II, Chair
IEEE Neural Networks Committee

cc: Robert W. Newcomb, IOC Chair
Tony Ephremides, Division X Director
NNC Appointees to the ICC
NNC *IJCNN* Chairs

Proposed Agenda:

- ◆ Approval of Minutes of June 18th Meeting... TAB 1 ⇒
- ◆ Officer Reports
 - Chairman's Report (Marks)
 - Treasurer's Report (Eberhart)
 - Secretary's Report (Tzanakou)
 - Editor's Report (Rauch)
- ◆ *IJCNN Summer '90* (Karplus)
 - Status Report
 - Proposed Budget ... TAB 2 ⇒
- ◆ *IJCNN Oversight Committee* (Newcomb)
 - Status Report
 - Other Items TAB 3 ⇒
- ◆ *Council Constitution Committee* (Rauch) TAB 4 ⇒
- ◆ Old Business
- ◆ New Business
 - *Industrial Applications*
 - *Society Petition ...* TAB 5 ⇒
 - Editorial Expense ... TAB 6 ⇒
 - Secretarial Expense ... TAB 7 ⇒
- ◆ Adjourn

Other Items in This Book:

- NNC Members TAB 8 ⇒
- Oversight Committee Members TAB 9 ⇒
- Editorial Board TAB 10 ⇒

TAB 1

MINUTES OF THE IEEE-NNC MEETING

June 18, 1989

Sheraton Washington Hotel, Washington, D.C.

R. J. Marks II presiding.

The meeting came to order. The following NNC members were present: F. Aldana, K. Bakhru, N. DeClariss, B. Dickinson, R. Eberhart, B. H. Juang, R. Marks, T. Nagle, E. Posner, H. Rauch, W. Snyder, E. Tzanakou; and five observers: M. Aronstein, M. Roth, P. K. Simpsun, R. D. Trueblood and A. Ephremides.

The agenda was discussed and approved. Minutes were approved as amended. One change was made, namely that R. Eberhart was an NNC member as of the Denver meeting.

A report on past accomplishments was given by R. Marks. These accomplishments included the agreement between the INNS and IEEE and the tentative approval of the IEEE Neural Networks transactions.

Troy Nagle reviewed the financial status of the 1988 conference. As of the end of April, the IEEE account had a \$25,500 balance with \$16,000 loan to this year's committee. Mr. Aronstein, Chairman of the San Diego Section, said that the books can be closed out soon.

The next item on the agenda was governance. T. Ephremides took nominations from the floor. R. Marks and F. Aldana were nominated for Chairman. They left the room so that elections could take place. R. Marks was elected Chairman. E. Tzanakou was nominated for Secretary. She was elected by acclamation. W. Snyder was nominated for Treasurer but declined. He then nominated R. Eberhart who was elected by acclamation.

The constitution of the Neural Networks IEEE Committee was then brought up for adoption as it appeared in the blue book (distributed). It was unanimously approved with minor corrections.

A proposed Constitution for the IEEE Council on Neural Networks was brought up for discussion. It was noted that this constitution would have to be presented to the technical activities board (TAB) and be approved by the NNC. Becoming a Council is the next step up the IEEE ladder. Because the NNC will be publishing a Transactions as well as running the IJNNC, it is appropriate that it becomes a council, a more formal organization. Proper campaigning with the TAB members was recommended.

Committee". After a long discussion -- sometimes very confusing-- the motion was passed (6 for it, 5 against it). The 1991 conference will take place in Seattle, (IEEE sponsored). A motion was placed by F. Aldana that "the five members of the Oversight Committee who belong to the IEEE-NNC should act as the meetings committee of the NNC." The motion passed unanimously.

T. Ephremides brought up the Region 10 meetings outside the U.S. and that TAB will match the amount that the societies will contribute for one or two representatives to these meetings. The current plan is one in India, one in Singapore and a couple in Australia. If we choose to participate in this series of colloquia we should designate one or two people to participate. R. Eberhart moved that up to \$5,000 be allocated as matching funds for this traveling to the IEEE Symposia in Asia. Motion was carried unanimously.

It was decided that the next meeting will be on Sunday, November 26, 1989 at 1:30 p.m. at the NIPS Meeting.

M. Aronstein brought up the issue of percentage interest for the San Diego section in the IJCNN '90 meeting. The issue was tabled.

The meeting was then adjourned.

TAB 2

UNIVERSITY OF CALIFORNIA, LOS ANGELES

UCLA

BERKELEY • DAVIS • IRVINE • LOS ANGELES • RIVERSIDE • SAN DIEGO • SAN FRANCISCO



SANTA BARBARA • SANTA CRUZ

November 6, 1989

3732 BOELTER HALL
COMPUTER SCIENCE DEPARTMENT
SCHOOL OF ENGINEERING AND APPLIED SCIENCE
LOS ANGELES, CALIFORNIA 90024-1596
U. S. A.
(213) 825-2929

Prof. Robert J. Marks
Dept. of Electrical Engineering, FT-10
University of Washington
Seattle, Washington 98195

Dear Bob,

I am enclosing the latest budget as well as three IEEE Forms. The other forms in the kit are for later, I think.

Best regards,

A handwritten signature in cursive script that reads "Walt".

Walter Karplus, Professor
Computer Science Department



IEEE TECHNICAL ACTIVITIES
IEEE CONFERENCE SERVICES DEPARTMENT
CONFERENCE PUBLICATION FORM

See reverse side for instructions on how to complete this form

PLEASE NOTE: THIS INFORMATION IS REQUIRED IN ORDER TO ESTABLISH A PAYMENT TO THE CONFERENCE FOR POST CONFERENCE PUBLICATION SALES.

Parts A and B should be completed by the Conference Chairman or designee and returned six (6) months prior to the conference to: IEEE CONFERENCE SERVICES, 445 HOES LANE, P.O. BOX 1331, PISCATAWAY, N.J. 08855-1331, U.S.A.

Part A CONFERENCE PUBLICATION

1. Full title of Conference International Joint Conference on Neural Networks
2. Dates of Conference June 17-21, 1990
3. Location of Conference (full name and address) San Diego Marriott Hotel
San Diego, California
4. Full name of publication as it will appear on title page Proceedings of the 1990
International Joint Conference on Neural Networks
5. Scheduled date of publication June 1990
6. Estimated shipping date to IEEE June 1990
7. Estimated pages 2200
8. Page size 8 1/2 x 11
9. Volumes 3
10. Copyright: IEEE Other
11. If other, name and address of entity that owns copyright _____

Part B PRODUCTION/PRINTING

1. Name and address of printer To be determined
2. (Area Code) Telephone No. _____
3. Contact person _____
4. IEEE PAYMENT FOR CONFERENCE PUBLICATION SHOULD BE SENT TO:
Name: _____

5. Conference Chairman or Designee _____
Title _____
6. Address _____ (Area Code) Telephone No. _____

7. Date _____
8. Signature _____

Part C TO BE COMPLETED BY IEEE - DO NOT COMPLETE - INTERNAL USE ONLY

1. LC Cat. No. _____
2. IEEE Cat. No. _____
- ISSN _____
4. Actual Shipping Date _____
5. Actual pages _____
6. Cost per copy _____
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8. Copies Rec'd _____
9. Total Cost _____
10. Bindery name and address _____

11. (Area Code) Telephone No. _____
12. Contact person _____

Keep a copy for your records

BUDGET: IJCNN SUMMER 1990

INCOME DETAIL

ASSUMPTIONS	BEST ESTIMATE	LOW	HIGH
Registration	2000	1600	2400
Tutorial Seats	1600	1200	1920
Exhibit Booths	50	40	60
Proceedings Sales	720	576	840
Hotel Room Days	4000	3200	4800
ESTIMATED INCOME			
Registration	\$386,344.56	\$309,075.65	\$463,613.47
Tutorials	\$200,000.00	\$160,000.00	\$240,000.00
Exhibits	\$44,000.00	\$35,200.00	\$52,800.00
Proceedings	\$51,000.00	\$40,800.00	\$61,200.00
Hotel Rooms Rebate	\$54,600.00	\$43,680.00	\$65,520.00
Total Income	\$735,944.56	\$588,755.65	\$883,133.47

FEE STRUCTURE

Registration

Non Member by 3/15	\$195.00
Member by 3/15	160.00
Non Member by 4/15	250.00
Member by 4/15	195.00
Non Member by 6/13	295.00
Member by 6/13	245.00
Non Member by Day	115.00
Member by Day	95.00
Student	50.00

Tutorials

125.00

Exhibitors

Booths by 4/1	800.00
Booths by 6/13	950.00

Proceedings

Non Member Proceedings	\$150.00
Member Proceedings	\$ 75.00
IEEE Proceedings	\$ 60.00

Hotel Room Rebate

Average per day per room	\$ 13.65
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EXPENSES (Continued)

	BEST ESTIMATE	LOW	HIGH
TUTORIALS			
		\$89,500.00	
Presenters	\$70,000.00	\$70,000.00	\$70,000.00
Books	\$3,000.00	\$3,000.00	\$3,000.00
Video Taping	\$4,000.00	\$4,000.00	\$4,000.00
Refreshments	\$3,000.00	\$3,000.00	\$3,000.00
Audio/Visuals	\$3,300.00	\$3,300.00	\$3,300.00
Tickets, Signs etc	\$4,000.00	\$4,000.00	\$4,000.00
Tutorial Committee	\$2,000.00	\$2,000.00	\$2,000.00
Tutorial Misc	\$200.00	\$200.00	\$200.00
CONFERENCE COMMITTEES			
		\$65,500.00	
Volunteer Committees	\$42,500.00*	\$42,500.00	\$42,500.00
General Chair Contingency	\$20,000.00*	\$20,000.00	\$20,000.00
Travel Organizing Committee	\$3,000.00*	\$3,000.00	\$3,000.00
ESTIMATED TOTAL EXPENSES	\$593,232.00	\$536,732.00	\$649,732.00
ESTIMATED NET SURPLUS	\$142,712.56	\$52,023.65	\$233,401.47

NOTES

Proceeding Copies Printed estimated at 1.5 * # Registered

Proceeding Sales to IEEE at cost.

Management Fee calculated as 35,000 + 20*(# registered-1500)

Variable Hospitality expenses extended by multiplying by # registered

Variable Meeting expenses extended by multiplying by # registered

Assumes Students do not attend Wednesday Party nor Receive Proceedings

Royce Carlton
INCORPORATED

Contract

No. 9438

Sedgeley-C
105/61890

This contract "entered into" as of **September 29, 1989** by and between ROYCE CARLTON, INC.,
866 United Nations Plaza, New York, NY 10017-1880, the duly authorized agency of the speaker, hereafter referred to as "Agency" and
International Joint Conference on Neural Networks (IJCNN-90)

IEEE/INNS

c/o Bart Kosko, 3367 Garden Terrace Ln, Hacienda Hts., CA 91745

hereafter referred to as "Sponsor." Agency will provide the services of

James Burke

hereafter referred to as "Speaker," to lecture (perform) at the date, time and place specified below.

DATE: **Monday, June 18, 1990** TIME: **7:00 PM**

PLACE: **San Diego Marriott Hotel and Marina**

OTHER ACTIVITIES: **6:00 PM - Dinner**

Sponsor shall provide a well heated, lighted and proper place for the lecture, in good condition, together with all necessary stage accessories and properties.

TOPIC: **Connections: Mechanisms of Change - Do Lemons Whistle?**

No lecture or program or any part thereof is to be reproduced, including but not limited to the reproduction by broadcasting, video-taping or tape recording, without the written permission of the Agency or Speaker.

Sponsor agrees to pay Agency as consideration for Speaker's services the amount set forth under "TERMS" below. Payment shall be made immediately following the completion of the Speaker's engagement and mailed to: ROYCE CARLTON, INC., 866 United Nations Plaza, New York, New York, 10017-1880. Federal Tax Identification Number for ROYCE CARLTON, INC. is 13-2623502. If applicable, any and all city, state and federal amusement taxes shall be paid by Sponsor.

TERMS: **\$7500. plus first class travel and accommodations**
(50% due upon signing) (special low fee-confidential)

It is understood that this Contract is binding on both parties; it cannot be cancelled except as follows: The Agency and Sponsor mutually agree that either party may cancel this contract and all parties shall be released from any liability or damages hereunder, if the Speaker or Sponsor is unable to fulfill the terms of this contract due to an act of God or any other legitimate conditions beyond the control of the Speaker or the Sponsor. However, it is agreed by both parties that "best efforts" will be made by both parties to so adapt that the lecture be presented as scheduled.

CONTACT(S):

Bart Kosko, Ph.D.
IJCNN-90 Program Co-Chair
3367 Garden Terrace Ln
Hacienda Hts., CA 91745

Nomi Feldman - Conference Consultant
Meeting Management
5665 Oberlin Dr.
Suite 110
San Diego, CA 92121

(213) 743-6581 (B)
(818) 330-5415 (H)/330-9723 (FAX)

(619) 453-6222 (B)

The representative of Sponsor, in signing this Contract, warrants that (s)he signs as a duly authorized representative of the Sponsor and does not assume any personal liability. The Agency representative warrants that the Agency has express authority to sign on behalf of the Speaker.

Your signed copy of the Contract is acknowledgement that Speaker has accepted this engagement and has agreed to appear at the time and place specified above. ROYCE CARLTON reserves the right to withdraw this offer should this contract not be received within thirty (30) days of the date "entered into."

This Contract is governed by the laws of the State of New York and cannot be changed except in writing and signed by both parties.

IEEE/INNS

BY: _____

BY: _____

Royce Carlton, Inc.
Carlton S. Sedgeley - President

Please sign all three copies of this Contract, retain the SPONSOR COPY (BLUE) and return the SPEAKER COPY (YELLOW) and AGENCY COPY (WHITE) to ROYCE CARLTON, INC., 866 United Nations Plaza, New York, New York, 10017-1880.

Sponsor will receive an invoice and Speaker's itinerary approximately one week before engagement.

ADDITIONAL INFORMATION

ATTENDANCE: DRESS: **Business** FUNCTION: **Annual Meeting**
SUGGESTED HOTEL: **San Diego Marriott Hotel and Marina, 333 W. Harbor Dr., San Diego, CA**
92101-7709 (619) 234-1500
SPONSOR WILL: MAKE HOTEL RESERVATIONS PROVIDE TRANSPORTATION TO AND FROM AIRPORT
TRANSPORTATION: **San Diego Int'l Airport**
CONTACT ON ARRIVAL: **Nomi Feldman** SEND INVOICE TO: **Bart Kosko, Ph.D.**

AGENCY WILL PROVIDE: **2** PHOTOGRAPHS **2** BIOGRAPHICAL DATA

THIS CONTRACT FORM ENDORSED BY

National Association for Campus Activities and International Platform Association

Agency Copy (White Copy) • Speaker Copy (Yellow Copy) • Sponsor Copy (Blue Copy)

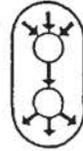
866 United Nations Plaza, New York, NY 10017-1880
(212) 355-7700 FAX (212) 888-8659

TAB 3

TAB 3



NEURAL NETWORKS



Robert J. Marks II, Chairman
IEEE Neural Networks Committee
UNIVERSITY OF WASHINGTON, FT-10
DEPT. OF ELECTRICAL ENGINEERING
SEATTLE, WASHINGTON 98195 USA
(206) 543-6990: FAX (206) 543-3842
marks@blake.acs.washington.edu

11-05-89

Dr. Robert W. Newcomb, Chairman
IJCNN Oversight Committee
Mirosystems Laboratory
Electrical Engineering Dept.
University of Maryland
College Park, MD
FAX (301) 454-1837
301-454-6869

Dr. Bernard Widrow, President
INNS
Information Systems Laboratory
Durand 139
Stanford University
Stanford, CA 94305-4055
FAX (415) 723-8473

Dear Bernie and Bob:

Here is a copy of my effort at a draft of a constitution and by-laws for the IOC. Included in this effort is input from you, Wes Snyder and Herb Rauch.

Please note that approval of this document by the IOC, NNC and INNS does not preclude the review of the NNC/INNS agreement after the January IJCNN.

Sincerely,

Robert J. Marks II, Chair
IEEE Neural Networks Committee

cc: NNC Members
Mel Olken, IEEE
Anthony Ephremides, Division X Director

DRAFT: 11-05-89

CONSTITUTION OF THE IJCNN OVERSIGHT COMMITTEE

ARTICLE I - Name, Objectives, and Purpose

Section 1. The name of this organization shall be the *International Joint Conference on Neural Networks Oversight Committee* (hereinafter IOC). The IOC shall be governed in accordance to the Constitution and Bylaws of the *Institute of Electrical and Electronics Engineers* (IEEE), the Constitution, Bylaws and the Charter of the *IEEE Neural Networks Committee* (NNC) and the bylaws of the *International Neural Networks Society* (INNS).

Section 2. The objectives of the IOC shall be coordination and oversight of the *International Joint Conferences on Neural Networks* (IJCNN's) in three areas. (i) designation or recommendation of the locations and times of all *IJCNN* conferences. (ii) monitoring of adherence to this agreement and (iii) oversight of financial matters.

Section 3. The IOC shall have as its purpose the advancement of the theory and practice of Neural Network science and engineering.

ARTICLE II - Membership

Section 1. The IOC shall consist of not more than five representatives each from the *IEEE Neural Networks Committee* (NNC) and the *International Neural Networks Society* (INNS) (These two organizations will hereinafter collectively be referred to as "the Societies".) Each of the ten appointees will be a voting member of the IOC.

Section 2. The Chair of the *IEEE Neural Networks Committee* and the President of the *International Neural Networks Society* will serve as *ex officio* members of the IOC.

ARTICLE III - Management and Officers

Section 1. The officers of the IOC shall be the IOC Chair and Chairman Elect. The officers shall serve for two calendar years, one year as Chairman elect and one year as Chair. The IOC will be Chaired in odd years by an NNC appointee to the IOC and will be Chaired in even years by an INNS appointee. Both Officers will be appointed by the Society which they represent.

Section 2. If an officer must be absent from a meeting, he/she will designate a temporary *pro tem* replacement who is a representative of the same Society. The replacement must be an IOC member.

Section 3. The Chairman Elect shall serve as secretary at IOC meetings.

PROPOSED BY-LAWS FOR THE IOC

Amendments or additions to these by-laws may be made by means of the procedures described in Article IV, Section 1, of the Constitution.

ARTICLE I

RULES OF ORDER

Section 1. In all matters not covered by the Constitution, By-Laws, and Rules, the IOC shall be governed by the latest edition of Robert's Rules of Order.

ARTICLE II

IOC MEETINGS

Section 1. The Chairman shall announce to the members of the IOC all meetings of the IOC at least twenty days in advance of the meeting or by first class mail at least twenty-five days in advance of the meeting.

Section 2. The Chairman elect shall record the attendance and take minutes.

Section 3. Meetings of the IOC may be cancelled only by consent of a majority of all the members of the IOC not less than fourteen days before the original date or the new date set for the meeting, whichever is earlier. Notice of such cancellation or changed date shall be given to all IOC members by mail not less than ten days before the original or the new date, whichever is earlier.

ARTICLE III

IOC RESPONSIBILITIES

Section 1. The IOC shall recommend at least two IJCNN conferences each calendar year. The lead Society for one conference will be the INNS. The NNC will be the lead Society for the other.

Section 2. The IOC shall have the power to establish procedures whereby proposals from potential conference locations can be considered.

Section 3. In order to assure separation of the conference organizing committee from the IOC, the appointment of current IOC members to conference organizing committees is prohibited. The conference organizing committee includes all Chairs listed in Article V of the by-laws. An IOC member can serve on the organizing committee if approved by a four fifths vote by each Society's appointees to the IOC.

Section 4. The IOC shall oversee all IJCNN's in order to assure adherence to the policies & procedures of the organization which they represent. This includes, but is not limited to, assuring that audits are performed on conferences that are acceptable to both Societies.

that the approved registration fees are charged, preparing the final report, etc. The primary aim of the Finance Chair should be to stay within the approved budget: note that the approved budget might not be the same as that submitted, since the sponsors might request changes.

Section 4. For those meeting with a separate day or so of tutorials for which a separate registration fee is charged, it is usually desirable to have a Tutorial Chair. This person plans the tutorials programs, including selecting and contracting with speakers.

Section 5. The Exhibits Chair is responsible for all arrangements with Exhibitors, including solicitation, contracting, space layout, etc. For many meetings it is usually desirable to hire a professional firm to assume these responsibilities.

Section 6. The Publicity Chair is responsible for all aspects of publicity, including distribution of the Call for Papers, sending news-like items to magazine and newsletters, arranging for distribution of the Advance Program, etc.

Section 7. The Registration Chair is responsible for the process of registering attendees, both advance and on-site. If any other person is, in effect, hired to act as registrar, that hired person should not be a member of the Committee: rather, a volunteer Registration Chair should still be appointed to oversee the process, keep track of attendees budgeted versus actual, etc.

Section 8. The Local Arrangement Chair has responsibility for all hotel arrangements, and any transportation arrangements that the Committee decides to pursue. The Local Arrangements Chair should negotiate but not sign the hotel contract.

Section 9. The Publication Chair is responsible for making arrangements for layout, printing and transportation of the various materials required, most important of which is the Proceedings. After the Program Chair accepts a paper, the Publication Chair is responsible for communicating with the author(s) concerning final text preparation and dates for seeing that all material is delivered to the publishing house, and that the Proceedings arrive at the Conference site on time.

Section 10. The Audio-Visual Chair is responsible for all aspects of audio-visual equipment at the meeting. An additional responsibility that this person may assume is to specify standard audio-visual requirements to the speakers, to review the audio-visual (in hard-copy form) prior to the meeting and make recommendations for changes as appropriate.

Section 11 The General Chair may appoint other chairs as required.

ARTICLE VI

CONFERENCE REQUIREMENTS

Section 1. In all matters, the conference organizing committee will abide by all documents listed in Article I, Section I of the Constitution.

Section 2. Except for those giving tutorials, speakers will not be compensated for their presentations. Plenary speakers may have their travel expenses paid by the conference. Session chairs will not normally be compensated for their travel expenses.

Section 3. All expenses associated with the conference will be included in a conference budget which is to be approved by both Societies. Enforcement of the conference budget is the responsibility of the conference committee.

TAB 4



NEURAL NETWORKS

DATE November 13, 1989

TO Neural Network Committee

SUBJECT Acting Officers for Proposed
Neural Network Council

BACKGROUND There is the possibility that the IEEE Technical Activities Board will approve the formation of an IEEE Neural Networks Council starting January 1, 1990. The first meeting of the IEEE Neural Networks Council should be at the June 1990 meeting in San Diego of the International Joint Conference on Neural Networks (IJCNN). At that time the officers of the IEEE Neural Networks Council will be elected for the rest of 1990 (to serve until December 31, 1990).

However, since the business of the IEEE Neural Networks Committee will be taken over by the Council, it is necessary to have officers of the Council to serve in that capacity until the formal election in June 1990. Therefore the following motion will be proposed at the November 26, 1989, meeting of the Neural Networks Committee.

MOTION In anticipation of the IEEE Neural Networks Committee becoming the IEEE Neural Networks Council on January 1, 1990, it is moved that the current officers of the IEEE Neural Networks Committee become acting officers of the IEEE Neural Networks Council starting on January 1, 1990, and serving until the permanent officers are elected for 1990 at the first meeting of the IEEE Neural Networks Committee. The three officers are Chairman, Secretary, and Treasurer of the Neural Networks Committee who shall become, respectively, acting President, Secretary, and Treasurer of the Neural Networks Council.

TAB 5



IEEE

INDUSTRY APPLICATIONS SOCIETY

PLEASE REPLY TO:

M. Dayne Aldridge
Chairman
Process Industries Department

October 30, 1989

108 Ramsay Hall
Auburn University, AL 36849
(205) 844-4333 (office)
(205) 887-3520 (home)

Eugene J. Fagan
E.I. du Pont de Nemours & Co.
Engineering Department
P.O. Box 6090
Wilmington, DE 19714-6090

SUBJECT: IEEE Neural Networks Committee

Dear Gene:

Pursuant to the decision of the IAS Executive Board at its last meeting to seek IAS membership in the subject committee I have received the enclosed document to be signed by you as president of IAS. I have reviewed the document and it is in order with the material presented to the Board at its meeting. I recommend that you sign it as soon as possible and send by Express Mail to Robert J. Marks so that our request can be acted on at their November 26 meeting.

Also, Dr. George E. Cook has agreed to be an IAS representative along with Dr. Roy Nutter. I recommend that you indicate to Mr. Marks your intention to appoint Dr. Cook and Dr. Nutter following the acceptance of our request.

Sincerely,

M. Dayne Aldridge, Chairman
Process Industries Department

Charter of the IEEE Neural Networks Committee (NNC)

Agreement Among the Participating Societies Regarding IEEE Activities in Neural Networks.

SCOPE

The IEEE Neural Networks Committee is a committee of the IEEE Technical Activities Board consisting of IEEE Societies whose purpose is to coordinate technical activities in the interdisciplinary area of Neural Networks and provide the focus for cooperative efforts among TAB entities. The following Societies shall jointly sponsor the IEEE Neural Networks Committee, hereafter referred to as the Committee or NNC:

Acoustics, Speech, and Signal Processing Society

Circuits and Systems Society

Communications Society

Computer Society

Control Systems Society

Engineering in Medicine and Biology Society

Industrial Electronics Society

Information Theory Group

Laser and Electro-Optics Society

Systems, Man, and Cybernetics Society

The IEEE Neural Networks Committee shall act to foster activities in the area of Neural Networks by forming technical subcommittees, task forces, interest groups, and sponsoring technical workshops, symposia and international conferences. The NNC shall represent the IEEE Technical Activities Board in matters relating to Neural Networks.

THE COMMITTEE

The membership of the NNC shall consist of two delegates from each of the sponsoring Societies. These delegates must be appointed by their respective Societies for two-year staggered terms, and may be reappointed. Each sponsoring organization shall have one equal vote on matters before the NNC.

The committee shall elect biennially a Chairman from among its current membership. The Chairman shall serve as focus for all communications and shall direct, on behalf of

11/08/1989 13:48 FROM LOUVIERSSITE

distributed to the sponsoring Societies on an equal basis at the close of the IEEE fiscal year.

AMENDMENTS

Changes in the procedures specified in this letter will be enacted by amendments to be approved by a two thirds majority of the sponsoring Societies.

Date

11/8/89

Agreed by

Eugene J. Fagan
(Name)

President
(Office)

Industry Applications
(Society)

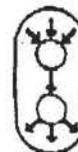
1. The Computer Society has apparently chosen not to participate in the NNC (12/21/88, Robert J. Marks II, NNC Chairman pro tem).

I INTEND TO APPOINT DR. GEORGE E. COOK AND DR. ROY NUTTER AS IAS REPRESENTATIVES. ADDRESSES: DR. GEORGE E. COOK, VANDERBILT UNIVERSITY, BOX 2215 STATION B, NASHVILLE, TN 37235, 615-322-2259; DR. ROY S. NUTTER, JR., WEST VIRGINIA UNIVERSITY, 821 ELECTRICAL ENGINEERING, P.O. BOX 6101, MORGANTOWN, WV 26506, 304-293-6375.

TAB 6



NEURAL NETWORKS



DATE November 13, 1989
TO Neural Network Committee
SUBJECT Motions on Editorial Expenses

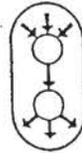
Herbert E. Rauch, Editor
IEEE TRANSACTIONS ON
NEURAL NETWORKS
Lockheed 92-20/254 E
3251 Hanover Street
Palo Alto, CA 94304 USA
(415) 424-2704

BACKGROUND The Editor of the IEEE Transactions on Neural Networks has \$10,000 budgeted for editorial expenses in 1990 for items such as secretarial expenses or postage and envelopes. Herb Rauch from Lockheed Palo Alto Research Laboratory is the Editor. Lockheed will supply postage and envelopes without charge, but there is no way that secretarial support can be supplied or paid for at Lockheed. It may be that Marjorie Rauch, Herb's wife, does secretarial work at home for the Transactions on a per hour basis. (She already has a regular job as a teacher.) If that happens, then computer word processing equipment and printer might be purchased to "automate" the secretarial functions. The IEEE feels that when there are secretarial expenses for a relative of the Editor or when there are equipment purchases by the Editor, these should be approved by the entire committee before hand. Therefore, the following two motions will be proposed at the meeting of the Neural Network Committee.

MOTION The Neural Network Committee hereby authorizes the Editor of the Transactions, Herb Rauch, to pay secretarial expenses, on a per hour basis, to his wife, Marjorie Rauch, at the discretion of the Chairman.

MOTION The Neural Network Committee hereby authorizes the Editor of the Transactions, Herb Rauch, to purchase computer equipment to "automate" the secretarial functions, at the discretion of the Chairman.

TAB 7



NEURAL NETWORKS

Robert J. Marks II, Chairman
IEEE Neural Networks Committee
UNIVERSITY OF WASHINGTON, FT-10
DEPT. OF ELECTRICAL ENGINEERING
SEATTLE, WASHINGTON 98195 USA
(206) 543-6990: FAX (206) 543-3842
marks@blake.acs.washington.edu

11-11-89

Background: Currently, there is no provision for secretarial support for NNC administration. My secretary, currently supported by soft money, estimates that about $\frac{1}{5}$ of her time is spent on NNC matters. Including overhead and fringes, this amounts to approximately \$7500 yearly (about \$15 per hour). Evangelia Tzanakou has also requested secretarial support in her NNC duties.

Motion: The NNC Chair be allotted up to \$7500 in discretionary funds for secretarial support.

TAB 8

November 8, 1989

IEEE Neural Networks Committee Members And Member Society Presidents

Robert J. Marks II, Chairman
Evangelia Tzanakou, Secretary
Russell Eberhart, Treasurer
Herbert E. Rauch, Editor, *IEEE Transactions on Neural Networks*

Acoustics, Speech and Signal Processing

Richard P. Lippmann
MIT Lincoln Laboratory
P.O. Box 73
Lexington, MA 02173
(617) 981-2711

B. H. Juang
AT&T Bell Laboratories 2d 534
600 Mountain Avenue
Murray Hill, NJ 07974
(201) 582-2002

D. M. Etter, President
EECE Department
University of New Mexico
Albuquerque, NM 87131
(505) 277-6564

Circuits and Systems

Robert J. Marks II
Interactive Systems Design Laboratory
University of Washington
Seattle, WA 98195
(206) 543-6990
marks@blake.acs.washington.edu
FAX:(206)543-3842

Anthony N. Michel
Dean, College of Engineering
Dept. of Electrical Engineering
University of Notre Dame
Notre Dame, IN 46556
(219) 239-5534

Anthony N. Michel, President
Dean, College of Engineering
Dept. of Electrical Engineering
University of Notre Dame
Notre Dame, IN 46556
(219) 239-5534

Industrial Applications Society (member apparent)

George E. Cook
Vanderbilt University
Box 2215, Station B
Nashville, TN 37235
(615) 322-2259

Roy S. Nutter, Jr.
West Virginia University
821 Electrical Engineering
P.O. Box 6101
Morgantown, WV 26506
(304) 293-6375
rsn@a.coe.wvu.wvnet.edu

Eugene J. Fagan
Engineering Department
E.I. DuPont De Nemours & Co.
P.O. Box 6090
Newark, DE 19714-6090
(302) 366-2884

Industrial Electronics

H. Troy Nagle
Elec. and Computer Engineering
North Carolina State University
Box 7911
Raleigh, NC 27695
(919) 737-3578
htn@ece-csc.ncsu.edu81-3-812-2111,
FAX:(919)737-7382

Fernando Aldana
Universidad Politecnica de Madrid
Avda. Rarniro de Maeztu, s/n
Ciudad Universitaria
E-28040 Madrid - SPAIN
FAX: 34-1-534 5468

Fernando Aldana, President
Universidad Politecnica de Madrid
Avda. Ramiro de Maeztu, s/n
Cuidad Universitaria
E-28040 Madrid, SPAIN
34-1-234 37 09

Information Theory

Edward C. Posner
Dept. of Electrical Engineering
California Inst. of Technology
1201 California Street
Pasadena, CA 91125
(818) 356-4852

Yasser S. Abu-Mustafa
Dept. of Electrical Engineering
California Inst. of Technology
1201 California Street
Pasadena, CA 91125
(818) 356-4842

Ian F. Blake, President
Dept. of Electrical Engineering
University of Waterloo
Waterloo, Ontario, Canada N2L 3G1
(519) 885-1211 Ext. 2840

Division 10 Director:

Anthony Ephremides
Electrical Engineering Department
University of Maryland
College Park, MD 20742
(301) 454-6871
(301) 933-5678 (home)
FAX: (301) 454-1837
tony@eneevax.umd.edu

IJCNN Oversight Committee Chair

Robert W. Newcomb
Mirosystems Laboratory
Electrical Engineering Dept.
University of Maryland
College Park, MD
FAX (301) 454-1837
301-454-6869

TAB 9

IJCNN Oversight Committee (IOC)

November 11, 1989

IEEE NNC Appointees

Chair

Robert W. Newcomb
Mirosystems Laboratory
Electrical Engineering Dept.
University of Maryland
College Park, MD
FAX (301) 454-1837
301-454-6869

Members

Edward C. Posner
Dept. of Electrical Engineering
California Inst. of Technology
1201 California Street
Pasadena, CA 91125
(818) 356-4852

Kristina Johnson
Dept. of EE & CS
University of Colorado
Campus Box 425
Boulder, CO 80309
(303) 492-1835
kris@boulder.colorado.edu

Wesley E. Snyder
Elec. and Computer Engineering
North Carolina State University
Box 7911
Raleigh, NC 27695
(919) 737-2336
FAX: 919-737-7382
wes@ecelet.ncsu.edu

Fernando Aldana, President
Uniyersidad Politecnica de Madrid
Avda. Ramiro de Maeztu, s/n
Cuidad Universitaria
E-28040 Madrid, SPAIN
34-1-234 37 09

Leon Cooper
Physics Department
Brown University
Providence, RI 02912
Phone: (401) 331-9640
email: ph706009@brownvm.bitnet
fax: (401) 331-7319

Carver Mead
Electrical Engineering Department
California Institute of Technology
Pasadena, CA 91125
email: helen@osvax.caltech.edu
fax: (818) 792-5873

David Rumelhart
Psychology Department, Building 420
Stanford University
Stanford, 94305-2130
phone: (415) 725-2457
email: der@psych.stanford.edu
fax: (415) 725-5699

home: (415) 322-7385

Alternates

Demetri Psaltis
Electrical Engineering Department
California Institute of Technology
Pasadena, CA 91125
phone: (818) 356-4856
email: psaltis%sunoptics@osvac.caltech.edu
fax:

home: (818) 798-5466

Terrence Sejnowski
The Salk Institute
CNL
P.O. Box 8580
San Diego, CA 92138-9216
phone: (619) 453-4100 ext 611
email:
fax: (619) 552-8285

home: (619) 259-5184

Bart Kosko
Electrical Engineering Department
University of Southern California
Los Angeles, CA 90089
phone: (213) 743-538111
email: kosko@brand.usc.edu
fax: (213) 745-7284

home: (818) 331-5415

TAB 10

November 9, 1989

Editorial Board:
IEEE Transactions on Neural Networks

Acoustics, Speech and Signal Processing

Richard P. Lippmann
MIT Lincoln Laboratory
P.O. Box 73
Lexington, MA 02173
(617) 981-2711

Circuits and Systems

Anthony N. Michel
Dean, College of
Dept. of Electrical
University of Notre Dame
Notre Dame, IN 46556
(219) 239-5534

Communications

Charles M. Puckette, IV, Manager
Communications Technology and
Systems Branch
General Electric Company
P.O. Box 8
Schenectady, NY 12301

Control Systems

Bradley Dickinson
Dept. of Electrical Engineering
Princeton University
Princeton, NJ 08544
bradley@ivy.princeton.edu
(609)452-4644

Engineering in Medicine and Biology

Evangelia Tzanakou
Biomedical Engineering
Rutgers University
P.O. Box 909
Piscataway, NJ 08854
(201) 932-2037
etzanako@elbereth.rutgers.edu
FAX:(201)932-5313

the NNC, the operational matters of the committee. For the duration of the office of Chairman, that individual will not be considered to be a representative of his/her respective Society, therefore able to represent more freely the overall objectives of the NNC. The Chairman's Society will be represented by the other delegate only. On a biennial basis, the NNC shall also elect a Secretary and a Treasurer. In addition to the usual duties regarding minutes, reports, records, etc., the Secretary shall serve as Chairman pro tem in the absence of the Chairman. When the election to office of a Committee member requires an extension of the member's term of appointment by the sponsoring Society, it is expected that such an extension will take place. This extension will be for either one or two years as necessary, to maintain the staggered appointment with the other delegate.

IMPLEMENTATION

This agreement shall be acted upon by the President of each sponsoring Society on behalf of the respective Administrative Committee or Board of Governors. Should any choose not to participate in this agreement, it is understood that their allocated positions on the NNC AdCom and their participation in sponsoring or funding of its activities shall be voided. The letter will be a binding agreement upon the parties when approved by their respective administrative committees and approved by the appropriate IEEE board(s). The original of this letter and of signed letters of transmittal indicating sponsorship agreement from the respective IEEE Societies will become a part of TAB records.

Once the NNC has been established, other IEEE Societies can petition to become members of the Committee. Such Societies must demonstrate that they have been active in the area of Neural Networks in the last two years. A two thirds majority vote is required by the NNC for admission of new members.

A Society can indicate its intent to withdraw from the NNC at any time. However, the withdrawing Society shall continue to be financially responsible for its share of future NNC activities which have been approved by the NNC prior to the date of withdrawal. If a Society withdraws from the NNC, its share in future NNC activities is divided equally among the remaining members.

FINANCIAL MATTERS

All member Societies share equally in the financial responsibilities of the NNC. Budgets requiring NNC approval shall be submitted to the sponsoring Societies at least sixty days in advance of the NNC vote, so that the sponsoring Societies can instruct their representatives accordingly. Budgets will be approved by majority vote of the committee.

The NNC shall be authorized to establish a reserve fund from which it can maintain its own operations. The fund shall be used to make cash advances to conferences sponsored by the NNC and to support the operating expenses of the Committee. The level of this reserve shall be 50% of the approved operating budget (including conference commitments) for the last year's operations. All monies above this level will be

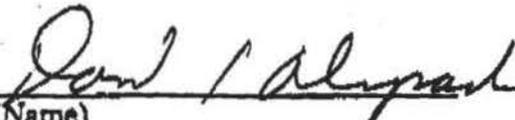
distributed to the sponsoring Societies on an equal basis at the close of the IEEE fiscal year.

AMENDMENTS

Changes in the procedures specified in this letter will be enacted by amendments to be approved by a two thirds majority of the sponsoring Societies.

Date 5/12/89

Agreed by


(Name)

President
(Office)

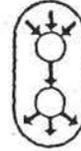
Oceanic Engineering Society
(Society)

-
1. The Computer Society has apparently chosen not to participate in the NNC (12/21/88, Robert J. Marks II, NNC Chairman pro tem).

TAB 13



NEURAL NETWORKS



Robert J. Marks II, Chairman
IEEE Neural Networks Committee
UNIVERSITY OF WASHINGTON, FT-10
DEPT. OF ELECTRICAL ENGINEERING
SEATTLE, WASHINGTON 98195 USA
(206) 543-6990: FAX (206) 543-3842
marks@blake.acs.washington.edu

Background: Article V, Section 11 of the Constitution of the *IEEE Council on Neural Networks* states:

NO OFFICER OF THE COUNCIL, REPRESENTATIVE ON COUNCIL AdCOM, OR EDITOR SHALL RECEIVE, DIRECTLY OR INDIRECTLY, ANY HONORARIUM, TRAVELING EXPENSES, COMPENSATION, OR EMOLUMENT FROM THE COUNCIL AS AN OFFICER OR IN ANY OTHER CAPACITY UNLESS AUTHORIZED BY COUNCIL AdCOM OR BY THE BYLAWS OF THE COUNCIL IN A MANNER IN CONFORMITY WITH IEEE POLICIES AND PROCEDURES.

SECTION 4 OF THE SAME ARTICLE CONTAINS:

THE PRESIDENT SHALL ALSO BE AN *EX-OFFICIO* MEMBER OF THE IEEE TECHNICAL ACTIVITIES BOARD, AND, WHEN NOTIFIED OF A MEETING OF SAID BOARD, SHALL ENSURE REPRESENTATION OF THE COUNCIL.

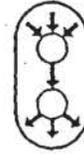
Motion: NNC/CNN funds can be used at the discretion of the NNC Chair/acting CNN President for travel expenses to TAB meetings.

TAB 14



EEE

NEURAL NETWORKS



Robert J. Marks II, Chairman
IEEE Neural Networks Committee
UNIVERSITY OF WASHINGTON, FT-10
DEPT. OF ELECTRICAL ENGINEERING
SEATTLE, WASHINGTON 98195 USA
(206) 543-6990: FAX (206) 543-3842
marks@blake.acs.washington.edu

Motion: The NNC/CNN approves not more than \$200 in funds for the registering of the logo in the upper right hand corner of this page, the conference titles *International Conference on Neural Networks* and *International Joint Conference on Neural Networks* as well as the initial *ICNN* and *IJCNN*.

TAB 15

CONSTITUTION AND BYLAWS
FOR THE IEEE COUNCIL ON NEURAL NETWORKS

CONSTITUTION
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PROPOSED CONSTITUTION FOR THE
IEEE COUNCIL ON NEURAL NETWORKS

ARTICLE I

NAME AND PURPOSE

Section 1. The name of the organization constituted herein shall be the IEEE Council on Neural Networks.

Section 2. The purpose of the Council is to advance and coordinate work in the field of Neural Networks carried out throughout the IEEE and as such is exclusively scientific, literary and educational in character. In furtherance of the foregoing, the Council may publish appropriate periodicals, sponsor IEEE Neural Networks related conferences and conference sessions, sponsor IEEE Press publications, and engage in any other activity within its field of interest. All such actions must be in consonance with the Constitution, Bylaws, and Statements of Policy of the IEEE, with special attention to such aims within the field of interest of the Council as are hereinafter defined.

ARTICLE II

FIELD OF INTEREST

Section 1. The field of interest of the Council and its activities and programs shall consist of aspects of the theory, design, and applications of neural networks that range from software to hardware. Changes to the field of interest may be made with approval of the IEEE Technical Activities Board.

ARTICLE III

MEMBERSHIP OF THE COUNCIL

Section 1. The Council shall be composed of IEEE Societies which have demonstrated a strong interest in Neural Networks and are supporting technical activities in the field. These Societies must agree to share the responsibility for all obligations of the Council, including those financial, in accordance with this Constitution and the Council Bylaws.

Section 2. Each new Member Society must be approved by a two-thirds affirmative vote of the voting members of the Council AdCom, and by the IEEE Technical Activities Board before it may join the Council.

Section 3. If a Member Society does not have any representative present at any of the Council AdCom meetings held during a calendar year and is inactive in Council affairs, the Member Society may be dropped from Council membership. Notice of such proposed action shall be given to the President of the delinquent Society at least twenty days before the Council

meeting where such action will be considered. Such action must be approved by two-thirds of the AdCom members present and voting and by the IEEE Technical Activities Board before it becomes final.

Section 4. The officers of the Council shall be as follows: President, Vice-President, Secretary, and Treasurer.

Section 5. Council business will be conducted by its AdCom which will include both voting and non-voting members. The voting members will be:

- a. Two representatives to be appointed by each Member Society.
- b. The President, Vice-President, Secretary and Treasurer
- c. The most recent available immediate past President of the Council.

An individual may not serve concurrently as both a Council officer and a Council Member Society representative. When a Member Society representative is elected to a Council office, the Council office shall take precedence over the Society appointment, and any resulting vacancy(s) shall be filled promptly by the appropriate Society.

Section 6. Each representative and officer on the Council must be an IEEE member.

Section 7. The term of office of a Member Society representative on the Council shall be two years with each of the two Society representatives appointed by the Society in alternate years. No Society representative shall be eligible to serve more than four consecutive years. An unexpired term filled for more than six months shall count as a full year. Reappointment after the completion of any term of four consecutive years may be made only after a lapse of at least one year.

Section 8. When a within-term Council representative vacancy occurs, the Council President shall request the appropriate Society to appoint a representative to complete the unexpired term.

Section 9. The non-voting ex-officio members of the Council AdCom will be:

- a. The Director of the Division in which the Council resides.
- b. The TAB Staff Secretary.
- c. The General Manager of IEEE.
- d. The IEEE Vice-President for Technical Activities.

Section 10. Any other IEEE Society which is not a member of the Council may send a non-voting liaison representative to attend for the purpose of establishing lines of communication between the Council and the parent Society represented.

ARTICLE IV

ELECTION AND APPOINTMENT OF OFFICERS

Section 1. Every year, the voting members of the Council AdCom shall elect a President, Vice-President, Secretary and Treasurer at the Annual Meeting. The officers shall serve for one year. No person shall be eligible to serve more than two consecutive one year terms for the same office.

Section 2. Officers shall be elected and appointed in accordance with the rules specified in the Council Bylaws.

Section 3. If the Office of President becomes vacant, the Vice-President shall become President for the remainder of the term assumed. If the office of Vice-President, Secretary or Treasurer becomes vacant, the voting members of the Council AdCom shall elect a new officer promptly.

ARTICLE V

POWERS, PRIVILEGES, AND DUTIES

Section 1. It shall be the duty of each representative of a Member Society to participate in matters before the Council AdCom and to keep the Administrative Committee of the Society represented informed concerning Council business. Members of any Member Society AdCom may attend any open meeting of the Council as observers.

Section 2. The duties and responsibilities of the officers and members of the Council AdCom shall be as defined hereunder and in the Bylaws, and as further delineated by the Council.

Section 3. The President shall appoint for a term concurrent with his presidency, the Editors of Council's Periodicals and the Chairpersons of the standing committees of the Council as specified in the bylaws on or before January 1st of the year in which he takes office as President. All appointments shall be made with the advice and consent of the Council AdCom. The Editor and Chairperson appointments need not be made from among the individuals who are on the Council AdCom as Society representatives.

Section 4. The Council President, under the direction of Council AdCom, shall call all regular, annual, and special Council AdCom meetings and shall preside over them. The President shall coordinate and supervise activities of the Council and have such other powers and perform such other duties as may be provided for in the Council Constitution or Bylaws or as may be delegated to the President by vote of the Council AdCom. Included in the President's duties shall be the responsibility to see that the orders and resolutions of the Council, the IEEE Technical Activities Board, the IEEE Executive Committee, and the IEEE Board of Directors are carried out. The President shall be an *ex-officio* member of all standing and special committees of the Council except the Nominating Committee. The President can vote during the election of officers. The President shall also be an *ex-officio* member of the IEEE Technical Activities Board, and, when notified of a meeting of said Board, shall ensure representation of the Council.

Section 5. Standing committees may be established as needed. With the advice and consent of the Council AdCom, the President shall appoint committee officers (and members, if such action is not specifically delegated in the establishment action of the Council) and shall fill any vacancies that occur during the year.

Individuals appointed as committee officers or members shall serve a nominal term of one year but shall continue to serve until their successors are appointed or the committee is dissolved, except where other terms are specifically designated by the Constitution or Bylaws.

The President may appoint *ad hoc* committees for special assignments as needed.

Section 6. The Vice-President shall assist the President in fulfilling all assigned duties, and shall assume the duties and have the power, privileges, and responsibilities of the President during the latter's absence or incapacity.

Section 7. The Secretary shall be responsible for all reports, petitions and records concerning the Council, keeping true and faithful minutes of all meetings of the Council AdCom, and shall prepare such reports as may be required by the Council, the IEEE Technical Activities Board, or the IEEE Executive Committee. The Secretary shall send out notices when instructed to do so by the President or in accordance with requirements of the Council Constitution or Bylaws. Copies of all meeting notices, minutes of meetings, and letter or bulletins sent and received during the previous two years shall be kept by the Secretary, except for those specifically assigned to the custody of others, and the Secretary shall send current copies to IEEE Headquarters for archival storage.

In the absence or incapacity of the President and Vice-President, the Secretary shall perform the duties of the President and have all Presidential powers, privileges, and responsibilities during the absence or incapacity of the President and Vice-President.

Section 8. The Treasurer shall propose a budget for Council operation to be endorsed by Council AdCom and approved by TAB and shall monitor expenditures to verify that they are in accordance with the approved budget. The Treasurer shall prepare financial reports as requested by the Council President, and shall keep the Treasurers of the Member Societies informed on Council financial matters affecting their budgets. The Council Treasurer shall approve the Conference budgets after they are approved by the Meetings Committee prior to being forwarded to IEEE Headquarters for review and final approval.

The Treasurer may utilize the services of IEEE headquarters as bursar for all or part of the Council funds, as provided by the IEEE Bylaws and Statements of Policy. If any parts of the Council funds is received and deposited separately, the terms and conditions shall be in accordance with IEEE policies and subject to Council Bylaws and any other limitations imposed by the Council. Disbursements shall be made on the signature or instructions of the Treasurer. If the Treasurer is disabled or unable to serve, the President may make disbursements during his incapacity.

Section 9. The President, elected and appointed officers shall normally assume office on January 1st or as soon thereafter as practicable.

Section 10. The officially constituted officers of the Council shall have the sole authority to obligate the funds and assets of the Council to promote the Council's activities, provided that no Council officer or representative shall have authority to contract debts for, pledge the credit of, or in any way bind the IEEE for activities prohibited by the Bylaws of the IEEE or the Constitution and Bylaws of the Council.

Section 11. No officer of the Council, representative on Council AdCom, or Editor shall receive, directly or indirectly, any honorarium, traveling expenses, compensation, or emolument from the Council as an officer or in any other capacity unless authorized by Council AdCom or by the Bylaws of the Council in a manner in conformity with IEEE policies and procedures.

ARTICLE VI

FINANCIAL SUPPORT & EXPENDITURES

Section 1. The financial support for the Council shall be derived from subscription sales of Council Publications, any surplus from the Conferences organized or sponsored by the Council, other programs and products sponsored by the Council, and allocations of funds provided by the Member Societies.

Section 2. The Council may raise revenues by other means provided such means are consistent with applicable IEEE rules and regulations and are within the approved Council field of interest. The Council must receive an opinion from the General Manager of the IEEE that any revenue means not explicitly covered by IEEE Statements of Policy does not conflict with IEEE policy before being adopted by the Council.

Section 3. Monies held by or for the Council legally belong to the IEEE, and shall not be expended for activities prohibited by the Constitution, Bylaws and Statements of Policy of the Institute, the Constitution and Bylaws of the Council, or any other purposes known to be inimical to the interests of the IEEE. Returns from investment of Council funds shall be credited to the Council.

ARTICLE VII

COUNCIL MEETINGS

Section 1. The Council shall hold an Annual Meeting. Additional meetings of the Council, represented by its AdCom, may be held at such times as are found necessary or convenient. Meetings of the Council AdCom may be called at the discretion of the Council President or upon request by at least four AdCom members. The time, place and agenda shall be announced to all members of the Council AdCom at least twenty days in advance of the meeting, or by first-class mail to the address of record of each Council AdCom Member at least twenty-five days in advance of the meeting.

Section 2. The Annual meeting of the Council shall normally be the last AdCom meeting of the year held at a time and place designated by the President.

Section 3. One-third of the voting members of the Council AdCom, which must include representatives from at least one-third of the Member Societies, shall constitute a quorum. Written proxies will not be accepted in determining the quorum. The Chairperson of the Publications Committee, and the Chairperson of the Meetings Committee, the Secretary, and the Treasurer shall be *ex-officio* members of the Council with a vote on all matters except election of officers and changes to the Constitution and Bylaws. If the offices of Secretary and Treasurer are combined, there shall be one vote by the officer.

Section 4. If a regular representative from a Member Society is unable to attend a meeting of the Council AdCom, the President of the Member Society may designate an alternate by a letter of proxy, who shall have all the powers of the regular representative. Officers of the Council may not delegate their powers by proxy.

Section 5. Business of the Council may be transacted by correspondence, or other telecommunication means where in the opinion of the President matters requiring action can be adequately handled in that manner. All voting members of the Council should be informed on such interim actions, and a majority of the entire Council must be reached for ratification of the actions, if balloting is necessary, unless otherwise provided by the Constitution or Bylaws.

Section 6. If less than a quorum is in attendance at duly called meetings, tentative actions may be taken that will become effective upon subsequent ratification, either at a subsequent meeting or by mail, as specified in Section 5 above.

ARTICLE VIII

PUBLICATIONS

Section 1. All Council publication activities shall be subject to IEEE policies, and to any further guidance or controls prescribed by the Council AdCom or its duly appointed committees.

Section 2. The Council may publish appropriate Periodicals in accordance with IEEE Policies and Procedures. Selection of the published material shall be in accordance with the objectives and policies of IEEE and the Council.

Section 3. The Council President, with the advice and consent of the Council AdCom, shall appoint the Editors who shall in turn appoint associate and/or guest editors as may be required to implement the publications program.

ARTICLE IX

CONFERENCES AND TECHNICAL MEETINGS

Section 1. All Council conferences and technical meeting activities shall be subject to IEEE policies, and to any further guidance or controls prescribed by the Council or its duly-appointed committees.

Section 2. The Council shall determine the time and location of each sponsored Conference and technical meeting. Furthermore, the Council shall not be bound by any agreements, within or without IEEE, made prior to ratification of this Constitution.

ARTICLE X

RECALL

Section 1. If at any time during the year and for any reason the best interests of the Council seem to require a change in Member Society representatives or officers, the matter shall be discussed at a regular or a special meeting of the Council AdCom called for the purpose of considering and voting upon the recommended change. At least twenty days before the Council AdCom meeting, notice of such proposed action shall be given to all appropriately interested individuals, including the President and Secretary of each Member Society involved and the Chairman and Secretary of the IEEE Technical Activities Board.

Section 2. An affirmative vote of two-thirds of the voting members of the Council AdCom shall be necessary to declare a vacancy for cause.

For the purposes of this Section, an abstention shall be counted as a cast negative vote.

ARTICLE XI

AMENDMENTS

Section 1. Sections of this Constitution may be adopted or amended by action of the Council at a regular or special meeting if the following provisions are met:

- a. Notice of the meeting and of the proposed change(s) must be mailed by first-class mail to the last-known address of each member of the Council AdCom at least twenty-five days prior to such meeting.
- b. A two-thirds affirmative vote of the votes cast by the members of the Council AdCom is required for passage.
- c. An amendment may be approved by a mail ballot if at least a thirty-day period is provided for responses, and two-thirds of the entire Council AdCom votes affirmatively.
- d. The Amendment shall become effective immediately after ratification by the IEEE Technical Activities Board.

Section 2. Bylaws to this Constitution may be adopted or amended by a two-thirds affirmative vote of the votes cast by the Council AdCom at a regular or special meeting, provided that notice of the meeting and a copy of the proposed change(s) is mailed by first-class mail to the last known address of each member of the Council AdCom at least twenty-five days prior to such meeting.

A Bylaw may also be adopted or amended by a mail ballot provided that a copy of the proposed change(s) is mailed to the last known address of each member of Council AdCom, at least thirty days are allowed for a reply, and a majority of the entire Council AdCom votes affirmatively.

The new Bylaw or Amendment shall be filed with the Secretary of the IEEE Technical Activities Board at least twenty days prior to the effective date.

Section 3. The Constitution, Bylaws, and Statements of Policy of the IEEE shall, at all times, take precedence over those of the Council.

Section 4. All amendments to the Constitution or Bylaws shall become effective immediately after all required approvals have been obtained, unless a later date has been specified at the time of the vote.

Constitution Adopted: _____

To Be Effective: _____

BYLAWS

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BYLAWS FOR THE
IEEE COUNCIL ON NEURAL NETWORKS

These Bylaws provide detailed guidance for the supervision and management of Council affairs, in accordance with the Council Constitution. Amendments or additions may be made by means of the procedures described in Article XI, Section 2, of the Constitution.

ARTICLE I
RULES OF ORDER

Section 1. In all matters not covered by the Constitution, Bylaws, and Rules, the Council shall be governed by the latest edition of Robert's Rules of Order.

ARTICLE II
MEMBER SOCIETIES

Section 1. The Member Societies of the Council shall be those formally admitted by the IEEE Technical Activities Board in accordance with the Council Constitution. A current listing of Member Societies will be maintained by the TAB Secretary at IEEE Headquarters.

Section 2. Any Member Society unwilling or unable to continue to share responsibilities as defined in the Council Constitution may resign from the Council. When a letter of resignation has been received by the Council Secretary, the resigning Society shall be dropped from the Council roll at the end of the calendar year. Any former Member Society may later rejoin, without prejudice, on the same basis as any new applicant.

ARTICLE III
NOMINATIONS, ELECTIONS, AND APPOINTMENTS

Section 1. The Nominating Committee, which is a Standing Committee of the Council, shall consist of a Chairperson and three other members. At least one shall not be a current Council member but shall belong to at least one Member Society. The officers of the Council may not serve on the Nominating Committee nor be members *ex-officio*.

Section 2. The Chairperson of the Nominating Committee shall consult with each candidate prior to nomination to determine willingness to serve if elected.

Section 3. The Nominating Committee shall be guided in its selections by the principles of efficiency, geographical distribution, past history, and technical interest.

Section 4. The Chairperson of the Nominating Committee shall submit the Committee Report to the Council AdCom at the beginning of its Annual Meeting, or with the approval of the Council President, by letter to all qualified voting officers and representatives on the Council AdCom prior to the Annual Meeting. From the floor of the same meeting or by letters mailed to the entire Council AdCom, the officers and representatives may make additional nominations.

Section 5. The names of any candidates of the Council who are not eligible under the Constitution or Bylaws shall be withdrawn by the President of the Council.

Section 6. Election of the officers, whenever a vacancy exists, shall be from those nominees as specified in these Bylaws, Article III, Sections 2, 3, 4, and 5. Elections shall be by secret ballot of the voting members of the Council AdCom. For the first year of operation of the Council, the officers must be elected by secret ballot directly by the Council AdCom. Nominations must be made by the voting AdCom members.

Section 7. If any Council office becomes vacant at any time during the year, and if the vacant office cannot be filled by logical succession of an existing Council officer as described in the Constitution and Bylaws, the Council will promptly hold an election to fill the existing vacancy. As needed, elections shall be held separately for the offices of President, Vice-President in that order. To be elected, a nominee must receive a majority of the proper votes cast. If no candidate receives a majority on a ballot, the name of the candidate receiving the smallest vote shall be withdrawn and a second ballot taken. This procedure shall be repeated until one candidate receives a majority vote.

The Council AdCom may hold contingent elections to be effective if an elected officer fails to accept office, is disapproved by IEEE Headquarters because there has been some irregularity in the nominations and election procedures, or has failed to maintain IEEE membership and Society membership.

Section 8. The President of the Council shall inform each successful candidate of his election and shall arrange for the transfer of responsibility. The name of each elected officer shall be reported to the Chairman and Secretary of the IEEE Technical Activities Board.

ARTICLE IV

STANDING COMMITTEES

Section 1. The Standing Committees shall include the following:

- Meetings Committee
- Publications Committee
- Nominating Committee
- Constitution and Bylaws Committee

Section 2. The Council may establish such additional Standing Committees as may be deemed desirable.

Section 3. Each Standing Committee shall have the power to create subcommittees of its own selection.

Section 4. The Chairpersons of all Standing Committees who are not voting members of AdCom shall be invited to attend all meetings of the Council AdCom as guests and advisors.

Section 5. Meetings of the Council AdCom may be cancelled only by consent of a majority of all the members of the Council not less than fourteen days before the original date or the new date set for the meeting, whichever is earlier. Notice of such cancellation or changed date shall be given all Council AdCom members by mail not less than ten days before the original or the new date, whichever is earlier.

Section 6. Meetings of the Council AdCom may be held at international or regional technical meetings or conventions of the IEEE, jointly with a Section, separately, or jointly with another society, whenever such a meeting is deemed desirable by the Council.

Bylaws adopted _____ to be effective _____

Tab 11

Received immediately
prior to printing



Auburn University

FACSIMILE TRANSMISSION LEAD SHEET

TRANSMISSION TO:

IEEE INN Chair

DATE:

11/13/89

COMPANY:

EE Dept., U. Wash.

TRANSMISSION FROM:

ATTN:

Robert Marks

NAME:

MaryLou Padgett

FAX #:

(206) 543-3842

Electrical Engineering Department

200 Broun Hall

Auburn University

Auburn, AL 36849-5201

VOICE CONFIRMATION:

6990

(205) 844-1800 *1855*

FAX #: (205) 844-1809

Number of Pages (Including Lead Sheet) _____

SUBJECT:

WNN-A/ND90

MESSAGE:

We hope you will participate in our workshop. We would like to help with the new IEEE -NN activities.

RSVP -

MaryLou Padgett

11/14/89

11:34

☎ 205 844 1809

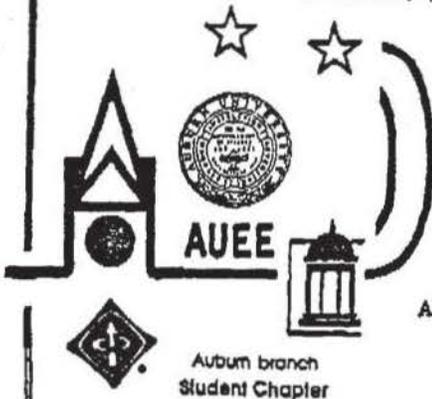
ELEC. ENG. A. U.

U W ELEC ENGR

002

CALL FOR ABSTRACTS

Selected papers will be considered for publication in a special issue of SIMULATION



FIRST WORKSHOP ON
NEURAL NETWORKS:
 ACADEMIC/INDUSTRIAL/NASA/DEFENSE



WNN-AIND 90



AUBURN UNIVERSITY HOTEL AND CONFERENCE CENTER
 Auburn, Alabama
 February 5-6, 1990

-INNS-

KEYNOTE ADDRESS

"NASA PERSPECTIVES ON NEURAL NETWORKS"
ROBERT T. SAVELY

Head, AI, Mission Planning and Analysis, NASA/JSC

TWO DAY TUTORIAL 	NEURAL NETWORKS History, Applications * Backpropagation * Hopfield * Boltzmann, Cauchy Machines * Self-Organizing Feature Maps * Bidirectional Assoc. Memory (BAM) * Higher Order Hopfield & BAM * Counterpropagation * Recurrent Nets * ART * Adaptive Pattern Recognition
	MICROELECTRONICS APPLICATIONS Sensor Integration
TECHNICAL SESSIONS 	NEURAL NETWORKS APPLICATIONS Industrial, Business, Aerospace and Defense * Trend Analysis * Fault Detection, Identification and Recovery (FDIR) * Power Systems * Robotics * Control * Pattern Recognition * Speech * Vision * Manufacturing Systems * Others
	NEURAL NETWORK ARCHITECTURE/THEORIES
	ELECTRONIC AND OPTICAL NEUROCOMPUTERS
	MICROELECTRONICS AND SENSOR INTEGRATION
	PANELS * POTENTIAL WORKING GROUPS
DEMO:	Electronic Neural Computer built at AU/EE
TOUR:	AU Microelectronics Center & Advanced Manufacturing Technology Center

MAIL REGISTRATION TO:



Mary Lou Padgett, Program Chairman
**FIRST WORKSHOP ON NEURAL NETWORKS:
ACADEMIC/INDUSTRIAL/NASA/DEFENSE**

WNN-AIND 90

Electrical Engineering Department, 200 Broun Hall
Auburn University, AL 36849-5201

WNN-AIND 90 REGISTRATION

MAIL TO: Mary Lou Padgett, 200 Broun Hall, EE, AU, AL 36849-5201.
Phone (205) 844-1855. FAX (205) 844-1809.
Make checks payable to the Space Power Institute. Purchase orders acceptable.

Fee of \$195 covers tutorials, technical presentations and discussions, one luncheon, Monday night buffet dinner, conference breaks, handouts and proceedings. Tutorial VCR tapes extra. Register early to reserve a place. Tutorial attendance limited to facilitate interaction among participants. Fee is \$250 after Jan. 5. Exhibits \$500 (includes one booth attendee).

AMOUNT ENCLOSED: \$195 _____ \$250 _____ \$500 _____

Check Number _____ Purchase Order Number _____

NAME: _____

COMPANY, SCHOOL: _____

US GOVERNMENT EMPLOYEE?: (Y/N) _____

ADDRESS: _____

PHONE: _____

FAX: _____

WORKING GROUP PREFERENCE: _____

TUTORIAL ATTENDEE: (Y/N) _____

TUTORIAL TOPIC PREFERENCE: _____

CIRCLE PARTICIPATION: SPEAKER SESSION CHAIR PANELIST PANEL CHAIR
WORKING GROUP LEADER EXHIBITOR OTHER

SCS MEMBERSHIP APPLICATION DESIRED? (Y/N) _____



ACCOMMODATIONS:

A block of rooms are available with pre-registration for \$54 plus tax. After Jan. 5, make reservations on a space available basis directly with the new Auburn University Hotel and Conference Center, 241 S. College St., Auburn Alabama 36830-5400, (800) 2-AUBURN or (205) 821-8200. Mention the Workshop on Neural Networks.

HOTEL RESERVATION DESIRED WITH PRE-REGISTRATION? (Y/N)
(Before Jan. 5, 1990 DETAILS WILL BE MAILED OR FAXED.)

AGENDA: Early registration: 5 - 7 PM Sunday, Feb. 4, 1990. Program: 8:30 AM - 10:00 PM Monday, 8:30 AM - 5:00 PM Tuesday.
General time.

LIGHTS: Fly into ATLANTA AIRPORT. Drive into AUBURN by Interstate in less than 2 hours. Note time zone change.
Limousine service available: \$52 round trip Atlanta to Auburn.

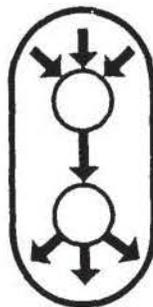
◆ **ADDENDA** ◆

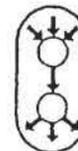


IEEE Neural Networks Committee

November 26, 1989

Denver Sheraton Tech Center





NEURAL NETWORKS

Proposed Agenda

IEEE Neural Networks Committee

11-26-89

◆ Approval of Agenda		
◆ Approval of Minutes of June 18th Meeting		TAB 1
◆ Reports		
• Officer Reports		
◦ Chairman's Report	(Marks)	
◦ Treasurer's Report	(Eberhart)	
◦ Secretary's Report	(Tzanakou)	
◦ Editor's Report	(Rauch)	
• IJCNN Oversight Committee	(Newcomb)	
◦ Report		
◦ Other Items		TAB 3
• IEEE Volunteer Restructuring Proposal	(Ephremides)	
• IJCNN Summer '90	(Karplus)	
◦ Status Report		
◦ Proposed Budget		TAB-2
• Other		
◆ Discussion Items		
• CNN Newsletter	(Eberhart/Marks)	
• Glossary		
• CNN Fellows Committee		
◆ Old Business		
• Council Constitution Committee	(Rauch)	TAB 4
• Other		
◆ New Business		
• Neural Net Workshop	(Marks/Eberhart)	TAB 11
• NNC Membership		
◦ IEEE Industrial Applications Society Petition	(Nutter/Cook)	TAB 5
◦ IEEE Oceanic Engineering Society Petition	(Simpson/Trueblood)	TAB 12
• Finance		
◦ TAB Meeting Travel	(Marks)	TAB 13
◦ Editorial Expense	(Rauch)	TAB 6
◦ Secretarial Expense	(Marks)	TAB 7
• Logos	(Eberhart)	TAB 14
• Other		
◆ Adjourn		
◆ Information Documents		
• NNC Members		TAB 8
• Oversight Committee Members		TAB 9
• Editorial Board		TAB 10
• CNN Constitution		TAB 15

TAB 12

Charter of the IEEE Neural Networks Committee (NNC)

Agreement Among the Participating Societies Regarding IEEE Activities in Neural Networks.

SCOPE

The IEEE Neural Networks Committee is a committee of the IEEE Technical Activities Board consisting of IEEE Societies whose purpose is to coordinate technical activities in the interdisciplinary area of Neural Networks and provide the focus for cooperative efforts among TAB entities. The following Societies shall jointly sponsor the IEEE Neural Networks Committee, hereafter referred to as the Committee or NNC:

- Acoustics, Speech, and Signal Processing Society
- Circuits and Systems Society
- Communications Society
- Computer Society
- Control Systems Society
- Engineering in Medicine and Biology Society
- Industrial Electronics Society
- Information Theory Group
- Laser and Electro-Optics Society
- Systems, Man, and Cybernetics Society

The IEEE Neural Networks Committee shall act to foster activities in the area of Neural Networks by forming technical subcommittees, task forces, interest groups, and sponsoring technical workshops, symposia and international conferences. The NNC shall represent the IEEE Technical Activities Board in matters relating to Neural Networks.

THE COMMITTEE

The membership of the NNC shall consist of two delegates from each of the sponsoring Societies. These delegates must be appointed by their respective Societies for two-year staggered terms, and may be reappointed. Each sponsoring organization shall have one equal vote on matters before the NNC.

The committee shall elect biennially a Chairman from among its current membership. The Chairman shall serve as focus for all communications and shall direct, on behalf of

UNIVERSITY OF WASHINGTON
DEPARTMENT OF ELECTRICAL ENGINEERING FT-10
Seattle, Washington 98195

FACSIMILE COVER SHEET

The following pages are for:

Attention: Laura Jobmann
Name of Firm: IEEE Conference Services
Location of Firm: New Jersey
Facsimile Telephone Number: (201) 981-1686
From: Bob Marks Phone: (206) 543-6990
Charge Dept./Acct. 16-1030

THIS TRANSMISSION INCLUDING COVER PAGE CONTAINS 13 PAGES.

DATE: 1-3-90 TIME: 3:02

COMMENTS: _____

Please call (206) 543-2150 if you do not receive all of the pages.

Department of Electrical Engineering FAX # (206) 543-3842

Rev. 4/19/89

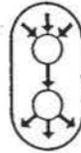
1. No Commission

[1 in 40
instead of 1 in 50
[R
Hold until 2 weeks prior



IEEE

NEURAL NETWORKS



January 3, 1990

Robert J. Marks II, President
IEEE Council on Neural Networks
University of Washington
Interactive Systems Design Laboratory
Dept. of Electrical Engineering, FT-10
Seattle, Washington 98195 USA
(206) 543-6990: FAX (206) 543-3842
marks@blake.acs.washington.edu

Ms. Laura Jobmann
IEEE Conference Services
445 Hoes Lane
P.O. Box 1331
Piscataway, New Jersey 08855-1331

Dear Laura,

As you can see, INNS will be holding its 1991 IJCNN meeting in Seattle and IEEE will be holding it in D.C. at the Omni Shoreham. Please peruse the attached contract from the Omni Shoreham and advise me of its acceptability to IEEE.

Best regards,


Robert J. Marks, President
IEEE Council on Neural Networks

RJM:vbh

cc: Bernard Widrow, INNS President
Evangelia Tzanakou, ICONN Secretary



INFORMATION SYSTEMS LABORATORY

Department of Electrical Engineering
STANFORD UNIVERSITY Stanford, CA 94305-4055

BERNARD WIDROW
Professor of Electrical Engineering
(415) 723-4949

Date: January 2, 1990

Number of pages (including this cover sheet): 12
Please give us a call if you received the right number of pages.

TO:

Name: Dr. Robert J. Marks II
Company: University of Washington
Location: Dept. of Electrical Engineering
Seattle, WA 98195
Phone: (206) 543-6990
Facsimile no.: (206) 543-3842

FROM:

Facsimile no.: (415) 723-8473

Name: Bernard Widrow
Company: Stanford University
Location: Information Systems Laboratory
Durand 139
Stanford, CA 94305-4055
Phone: (415) 723-4949

REMARKS:



INFORMATION SYSTEMS LABORATORY

Department of Electrical Engineering
STANFORD UNIVERSITY Stanford, CA 94305-4055

BERNARD WIDROW
Professor of Electrical Engineering
(415) 723-4949

December 29, 1989

Professor Bob Marks
University of Washington
Interactive Systems Design Lab.
Seattle, WA 98195

Dear Bob:

Maureen Caudill is planning to visit the Seattle conference center next week end, I think on January 6. She has made contact with Diana Nielsen, and will meet with her to tour the facilities. Maureen will be attending our INNS Board meeting on Sunday, January 14, and will be able to help me "sell" Seattle to our troops. I am sure that we will have no difficulty. Ten Board members have already indicated to me their approval of Seattle. Everyone I talked to is in favor.

Preparing for this Board meeting, it would be a great help if I could convey some information about the 1992 IJCNN at the Omni Shoreham. You have gotten IEEE approval, I believe. I need to get this blessed by our Board. I will need the best information that you have.

Another matter is the accounting for the June 1989 IJCNN. I haven't bugged Irv Engleson, but it would be a great thing if we could have the \$60K check before the INNS Board meeting. I am being asked about this, and I would like to be able to say to the Board that "the surplus of the conference is still not determined, I have received a preliminary \$60K, the remainder will arrive with definitive accounting."

Thanks for your help.

Sincerely,

A handwritten signature in cursive script that reads "Bernie".

Bernard Widrow

OMNI SHOREHAM HOTEL

November 28, 1989

Professor Bernard Widrow
INFO SYSTEMS LABS
Durand 139
Stanford, CA 94305

Re: Our recent conversation following dates are protected.

June 7-12 1992

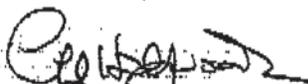
July 19-24 1992

June 13-18 1993

July 11-16 1993

Request as quick a decision as possible.

Regards,


Phil Hollywood
Senior Sales Manager

PH/mg

OMNI SHOREHAM HOTEL

July 6, 1989

Professor Bernard Widrow, President
INTERNATIONAL NEURAL NETWORK SOCIETY
Room 139 Durand Building
Stanford University
Stanford, CA 94305-4055

Dear Professor Widrow:

The following serves as a letter of agreement between INNS and the Omni Shoreham in Washington, D.C. All arrangements are being held on a tentative basis and require your signature on the enclosed copy of this letter before the commitment can be finalized.

GUEST ROOM ACCOMMODATIONS

Saturday, April 4, 1992	70 Rooms
Sunday, April 5, 1992	400 Rooms
Monday, April 6, 1992	700 Rooms
Tuesday, April 7, 1992	700 Rooms
Wednesday, April 8, 1992	700 Rooms
Thursday, April 9, 1992	650 Rooms
Friday, April 10, 1992	150 Rooms

If your assigned room block includes suites, the Omni Shoreham Suite Policy guidelines will be reviewed with you prior to your convention.

Please note our check-in/check-out times of 3:00 p.m. and 12:00 Noon, respectively.

GUEST ROOM RATES

The Omni Shoreham will confirm net rates one year prior to the indicated arrival date. 1990 rates for your meeting would be:

Single: \$135
Double: \$155

Separate Issues

The Omni Shoreham guarantees that these rates will not increase by more than 10% per year.

All rates are subject to the prevailing taxes at the time of your meeting. The current taxes are 11% District of Columbia Sales Tax and \$1.50 per room, per night, District of Columbia Occupancy Tax.

INNS 1994
July 6, 1989
Page 2

These rates are commissionable to _____
at 10% of the actual room revenue

COMPLIMENTARY POLICY

We are pleased to provide one complimentary guest room for each fifty paid rooms occupied during your visit. A guest room or mini-suite is equivalent to one guest room, a superior one-bedroom suite is equivalent to two guest rooms, a deluxe one-bedroom suite is equivalent to three guest rooms, a deluxe two-bedroom suite is equivalent to four guest rooms, and a presidential suite is equivalent to five guest rooms. Also, six staff rooms will be provided at a special rate.

RESERVATION PROCEDURES

(Please indicate preferred method)

All reservation requests must be accompanied by a first night's deposit in the form of a check, money order or major credit card number, including the cardholder's signature and expiration date of the card.

Can't handle -

The Omni Shoreham requests any rooming list, including V.I.P.'s, staff and speakers, by March 5, 1992. This list should indicate full names of guests, arrival dates, departure dates, pairings for shared rooms and method of payment. Requests for accommodations received by our Reservations Department after the above date will be accepted on a space available and a rate available basis.

The Omni Shoreham will be pleased to provide 2100 postage-paid return reservation envelopes at no charge. Additional supplies may be purchased at a nominal cost. Please let us know the number you will require one month prior to the time you need them.

These envelopes, which request all pertinent reservation information from your guests, should be returned to the Omni Shoreham by March 5, 1992. Reservation requests received after this date will be accepted on a space available and a rate available basis.

INNS 1994
July 6, 1989
Page 3

*Confer
Review Room
Availability 1
month prior to
start of Conference
to decide*

In the event that you will be printing your own reservation form for housing requests, the Omni Shoreham must review and approve the printed copy prior to its distribution to your prospective attendees. The Omni Shoreham can provide reservation form samples to assist you with developing a copy. There is a set of basic requirements, including payment methods, late arrival guarantees, and your reservation cut-off date of March 5, 1992, which must appear on your form. Of course, reservation requests after the cut-off date will be accepted on a space available and a rate available basis.

Unreasonable

It is our understanding that some reservations will be telephoned directly to the Omni Shoreham Reservations Department. In order to receive the preferred rates for which you are contracting, telephone requests must identify their affiliation with INNS. Rates cannot be changed at check-in or check-out for guests who fail to identify their affiliation at the time the reservation is requested. Reservation requests received after March 5, 1992 will be accepted on a space available and a rate available basis. Requests must go directly to the Omni Shoreham at (202) 234-0700. Preferred rates and space in your block of rooms cannot be confirmed through any (800) toll-free service.

*Guaranteed
rate
after
date*

We also request that you place the Omni Shoreham on your mailing list for any correspondence that is sent out pertaining to this meeting so that we can be better informed of your meeting and organizational needs.

FUNCTION SPACE ARRANGEMENTS

Sunday, April 5, 1992

Several rooms for tutorials and office areas.

Monday, April 6, 1992 through 5pm Friday April 10, 1992

8am-5pm ALL SPACE HOLD (all meetings set theatre style)

INNS will be given first option on any space before it is sold to another group. This agreement will hold until nine months prior to the start of your meeting, at that time any unused space will revert back to the hotel for sale.

INNS 1994
July 6, 1989
Page 4

Meeting space will be held for your use on the "official" dates of your convention, beginning at 8:00 a.m. on the first day and ending at 5:00 p.m. on the last day as outlined in the contract and contingent upon the following conditions:
All daytime meeting space (8:00 a.m. - 5:00 p.m.) will be held until nine months prior to your convention, pending receipt of your daytime program outlining your actual needs.

The Blue Room will be released for the Hotel's use nightly at 5pm. the Regency Ballroom will be held for INNS use starting 8am-5pm Monday, April 6, 1992 through 5pm Friday, April 10, 1992.

Space will be allocated for pre- and post-convention meetings as needed and based on availability. However, you must advise us of your requirements at this time or the hotel can not assume responsibility for providing this space.

The INNS agrees to Hold Harmless Omni Hotels and the Omni Shoreham, et al, from any and all damages or destruction including theft or mysterious disappearance to any and all equipment owned by or leased to INNS.

Based on your anticipated guest room pick-up and the number of scheduled food and beverage functions there will be a no charge for the use of the above-noted function facilities. Function space rental is predicated on the overall estimated revenue for the requirements you have outlined. Increases in meeting room requirements of negative variances in guest room revenue or food and beverage revenue which exceed 15% of what is outlined above is reasonable cause for the reassessment of the function space terms of this agreement. Based on your guest room pick-up at the time of the reservation cut-off, the function space commitment is subject to review.

EXHIBIT SPACE

The Omni Shoreham has reserved the Exhibit Hall to accommodate up to 150 booths and posters. The following time frames and rental fees have been structured:

Move in 8am Sunday, April 5, 1992. Move out by 5pm Saturday, April 11, 1992. Rental will be established one year prior to your meeting.

INNS 1994
July 6, 1989
Page 5

Rental charges include exhibit space as outlined above, standard lighting, heating and ventilation. Rental charges do not include drayage, decoration, security services, labor or storage of display materials and show merchandise prior to and following scheduled exhibition.

Due to storage space limitations, display materials sent directly to the Omni Shoreham must be returned to the shipper. Storage space will be made available for conference materials only. Charges for the use of electrical power lines, spot lighting, water, etc., will be quoted upon request to our Director of Engineering Services.

The INNS agrees to Hold Harmless Omni Hotels and the Omni Shoreham, et al, from any and all damages or destruction including theft or mysterious disappearance to any and all equipment owned by, leased to or utilized by INNS or any of its exhibitors.

CONVENTION COORDINATION

Conventions at the Omni Shoreham are extremely successful due to the full time attention given by our Convention Service Managers. These managers will be responsible for maintaining an excellent rapport with the Meeting Planner and will assist him in coordinating all arrangements made with the hotel. This kind of service and cooperation assures a smooth running, successful convention. The entire job of our Convention Services Managers during your stay will be to tend to your every need.

AUDIO VISUAL

We commend Swank, Inc. as your official Audio Visual Representative.

Contact:

Rodney West
Regional Manager
2500 Calvert St, NW
Washington, DC 20008
(202) 332-8188

INNS 1994
July 6, 1989
Page 6

EXHIBITS/DECORATORS

We recommend Andrews Bartlett and Associates as your official Show Service Representative.

Contact:

Mark Salesses
Sales Manager
8430 Terminal Road
Lorton, VA 22079
(703) 550-8503

CATERING

Whether serving 10 guests in an intimate dining atmosphere or 1,700 in our grand Regency Ballroom, our professional catering staff has some exciting ideas in store for you . . . ask them about our special theme parties.

PUBLIC RELATIONS

Our Public Relations Department publishes a monthly calendar of events highlighting the newsworthy aspects of your meeting or convention. This is distributed to 75 key contacts of the Washington based national and area media including wire services, New York Times, Time, Newsweek, network television news bureaus and trade publication sources. Deadline for information to be included is two weeks in advance of the month of your meeting.

More extensive public relations services can be arranged, if desired, through our public relations consultant, Arnold Fine & Associates at (202) 462-8775.

SIGNS, BANNERS AND DISPLAYS

No signs, banners and displays shall be erected or displayed in any part of the hotel without the approval of the Convention Service Manager. It is further agreed that no sign, banner or display shall be affixed to any part of the hotel. The hotel will be happy to provide easels for this purpose.

INNS 1994
July 6, 1989
Page 7

FOOD AND BEVERAGE

Because of our legal liability for all food and beverage served on our premises as well as licensing restrictions, our policy requires that only Omni purchased food and beverages be served on the hotel property. Being accountable for food and beverage origins, conditions and transportation, we will make every effort to meet our responsibilities in the protection of their health and safety.

OMNI SUCCESSFUL MEETING GUARANTEE

At the Omni Shoreham, we not only do our best to make your meeting smooth running and trouble free . . . we guarantee it. Of course, we want the chance to put things right first. But if we fail to satisfy your needs, we will adjust your bill accordingly! That's our Successful Meeting Guarantee -- an Omni tradition for over 15 years.

CREDIT AND BILLING ARRANGEMENTS

By 30 days prior to arrival, the Omni Shoreham must receive a detailed set of billing instructions on INNS letterhead. Instructions must include: (1) the name and address of the person responsible for payment of the master account, (2) the names of additional people authorized to sign master account charges, and (3) a list of charges which you expect to be posted to the master account, including any specified guest rooms or individual incidental charges. Unless otherwise indicated, it is assumed that individual guests will be responsible for their own guest room and incidental charges.

Since we do not have an established line of credit for you at the Omni Shoreham, we require the completion of the enclosed credit application form. This form should be completed in full and returned with the signed contract.

In the event that the Credit Application is declined for any reason, 50% of the estimated master account is due 30 days prior to arrival. The final balance is due by Certified Check no later than 48 hours prior to check-in.

Payment of the master account is due within 30 days of your receipt of the reconciled bill.

INNS 1994
July 6, 1989
Page 8

CANCELLATION

This agreement will bind INNS and the Omni Shoreham to the preceding terms. It is provided that there shall be no right of termination for the sole purpose of holding the same or reasonably similar function in another hotel or in another city. Should cancellation occur, INNS will be responsible to pay for the unsold portion of the peak night's room revenue. Reasonable causes for termination include: acts of God, war, government regulation, disaster, strikes, civil disorder, curtailment of transportation facilities, other emergencies as mutually agreed.

Any controversy or claim pertaining to the cancellation of this contract, which cannot be acceptably negotiated by both parties, shall be settled by arbitration in accordance with the rules of the American Arbitration Association. Judgement upon the award rendered by the arbitration may be entered in any court having jurisdiction thereof.

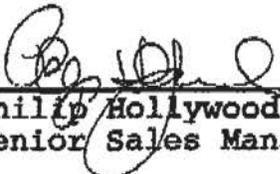
INNS 1994
July 6, 1989
Page 9

OPTION

We will hold these dates until August 15, 1989 at which time we will need a signed copy of this agreement from you verifying your confirmation. The Omni Shoreham further agrees that acceptance of these dates releases INNS from any financial obligation to the Omni Shoreham for cancelling all other dates currently booked definite.

We look forward to the privilege of hosting the INNS in 1992. Please do not hesitate to provide any further information or to pose any questions which may help us to serve you better.

Sincerely,
for THE SHOREHAM HOTEL LIMITED PARTNERSHIP
dba Omni Shoreham Hotel
By Omni Hotels Management Corporation, its Agent



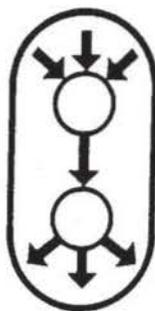
Philip Hollywood
Senior Sales Manager

I hereby accept the above stated terms and conditions, and further warrant I have the authority to sign on behalf of INNS:

Name

Title

Date



IEEE Council on Neural Networks

AdCom Meeting



Tuesday, January 16, 1990, 6:30 P.M.

International Joint Conference on Neural Networks

Onni Shoreham, Washington D.C.

Proposed Agenda
IEEE Council on Neural Networks
1-16-90

- ◆ Approval of Agenda
- ◆ Approval of Minutes of November 26, 1989 AdCom Meeting TAB 1 ⇒
- ◆ **REPORTS & DISCUSSION ITEMS**
 - Officer Reports
 - President's Report (Marks)
 - Vice-President's Report (Eberhart)
 - Treasurer's Report (Simpson/Eberhart)
 - Secretary's Report (Tzanakou)
 - Editor's Report (Rauch)
 - Standing Committee Reports
 - Meetings Committee (&IOC) (Newcomb)
 - * IOC (Newcomb)
 - * IJCNN Summer '90 (Karplus)
 - * Session Chair Support (Marks) TAB 2 ⇒
 - Nominations Committee (Rauch/Eberhart)
 - Awards Committee (Dickinson)
 - Other
 - *Ad Hoc* Committee Reports
 - Glossary (Tzanakou/Eberhart)
 - Discussion Items
 - *ICONN* Newsletter (Rosalyn & Wes Snyder)
 - *ICONN* Workshops (Marks)
 - *ICONN* Student Fellowships (Eberhart)
 - Logo registration status (Eberhart)
 - Other
- ◆ **ACTION ITEMS**
 - Old Business*
 - Election of Treasurer (Marks)
 - *ICONN* Membership
 - *IEEE Industry Applications Society* Petition (Nutter/Cook) TAB 3 ⇒
 - *IEEE Oceanic Engineering Society* Petition (Simpson/Trueblood) TAB 4 ⇒
 - Meetings Issues
 - IJCNN '90 Budget Approval
 - Session Chair Support TAB 2 ⇒
 - Other
 - New Business*
- ◆ **ADJOURN**
- ◆ **APPENDICES**
 - *ICONN* AdCom Members TAB 5 ⇒

TAB 1

MINUTES OF THE IEEE-NNC MEETING

NOVEMBER 26, 1989

SHERATON DENVER TECHNICAL CENTER, CO.

R. J. Marks II Presiding:

The meeting came in session at 1:33 pm. The following NNC members were present: R. Eberhart, J. W. Goodman, R. J. Marks, R. Newcomb, H. Rauch, E. Tzanakou, W. Snyder W. J. Karplus (ex officio) and A. Ephremides.

Introductions were made and proxies presented. Oral and written proxies were discussed. Only the written ones were accepted. Those were F. Aldana's to W. Snyder and T. Nagle's to R. Eberhart.

The proposed agenda with addenda was introduced by R. Marks and was adopted as modified.

The minutes of the June 18th meeting were approved with minor corrections (mostly typos). (Attachment 1).

Robert Marks in the chairman's report indicated that the NNC petition to become a Council as of January 1, 1990 was approved by the Technical Activities Board (TAB). The IEEE Council on Neural Networks will be an ex officio member of TAB. The status of the current meeting is as both a Committee and Council. According to the Constitution and Bylaws of the Council, four officers are to be elected to do business for the CNN.

R. Newcomb is the new chairman of the IJCNN Oversight Committee (IOC) as N. Declaris stepped down from this post. R. Eberhart was appointed as the Financial Chair for the IJCNN meeting in January 1990. F. Aldana and Chris Johnson stepped down from the IOC as well.

As a Council, we now have new committees such as a Standings Committee, a Meetings Committee, Publications and Nominations Committee and a Constitution and Bylaws Committee. The latter is Chaired by the Secretary of the CNN.

In the Treasurer's report, R. Eberhart reported on the status of the books of the two previous conferences in June 1988 in San Diego (ICNN '88) and June 1989 in Washington, D.C. (IJCNN '89). The total surplus in 1988 was over \$78,000 and the IEEE NNC receives half of that. The other half goes to the IEEE San Diego Section. The estimated total surplus for the 1989 IJCNN is estimated at \$170,000 and the IEEE NNC receives half of that. The other half goes to the International Neural Networks Society (INNS). (*Attachment 2*).

In the secretary's report, E. Tzanakou requested that all motions be submitted in writing prior to voting and that they also be read over prior to voting.

H. Rauch gave an update on the status of the IEEE Transactions on Neural Networks. The material for the first issue is ready and the mailing is expected around March 1, 1990. As of November 1, 1989 there have been 35 papers submitted of which ten were accepted for the first issue, eight were rejected and seventeen papers are still under review. In addition there were seven "Letters" submitted, three of which are informational and were solicited and have been accepted. Of the four technical letters, one has been accepted, one rejected and two are still under review. H. Rauch said that he would like to make the Transactions six issues per year by 1991. The estimated subscription was 4,000 members plus 1,000 for libraries. The number at the time of the report is about 2,000.

The IJCNN Oversight Committee (IOC) report was given by R. Newcomb. The results of the November 25, 1989 meeting were summarized as follows: (1) A new agreement between CNN and INNS was drafted that generally subsumes the previous one but spells out some specifics on operations and clarifies the IOC code as a monitor. An IOC Constitution and Bylaws will also be adopted, (2) A proposed schedule for meetings in the years to come was submitted that has one main meeting in North America and one other outside North America alternating between Europe and Pacific. (*Attachment #3*) R. Newcomb also discussed setting of guidelines for tutorial speakers. He announced that the next IOC meeting will take place in Washington D.C. at the IJCNN at 9:30 am Monday, January 15, 1990.

The next report was given by W. Karplus who discussed budget issues for the San Diego 1990 IJCNN Conference. The subject of reimbursing the organizing committee members for travel was discussed as well as the fee and travel expenses for the keynote speaker. A motion was made that "the Neural Networks Committee not approve the proposed contract with J. Burke, unless the total amount is reduced to \$5,000 including all expenses". The motion was seconded, discussed, voted upon and passed. A second motion by Russ Eberhart "that all reimbursements for travel for session organizers for the 1990 IJCNN in San Diego be on the basis of need, under the item by item control of the General Chairman", passed as well.

A. Ephremides said that he intends to push ahead in the coming year for the Volunteer restructuring proposal.

Next, the motion on secretarial support by R. Marks was discussed and passed as amended. "Up to \$7500 is allotted for secretarial support at the discretion of the Chair. The amount can be applied retroactively". Also, the motion "the NNC/CNN approve not more than \$600 in funds for the registering of the logo in the upper right hand corner of the stationary, the conference title International Conference on Neural Networks as well as the initials ICNN" passed.

The Neural Networks "Glossary" was discussed next. R. Eberhart suggested that we should have a terminology committee for some standards in nomenclature. H. Rauch suggested opening a dialogue through the Transactions. So, an ad hoc committee on standards was formed consisting of R. Eberhart, W. Snyder and E. Tzanakou (Chair) with a deadline of February 1, 1990. R. Eberhart will write a letter with some commonly used terms and invite others to offer definitions and/or other terms for discussion.

The awards committee was discussed then and the idea of the best paper of the year was adopted.

The formation of a CNN fellows committee was discussed and possible members were suggested such as E. Posner (Chair), B. Newcomb and B. Widrow.

At this point elections for the Council members for the year 1990 took place by secret ballot. The nominations were made from the floor and the results of the elections are as follows:

Robert Marks II, President
Russ Eberhart, Vice President
Evangelia Tzanakou, Secretary

R. Eberhart will also serve as Treasurer until one gets elected.

After a short recess for dinner the meeting was resumed at 6:30 pm.

The Newsletter was discussed at length. R. Eberhart suggested that a formal proposal be submitted in the next meeting. H. Rauch made the point that since there is no formal subscription for the Transactions, the Newsletter is not necessary. R. Newcomb thinks that a newsletter will be very helpful, but we need someone to champion it before we push on it.

H. Rauch then discussed the publicity of the Transactions. R. Eberhart made the motion "to approve up to \$2,000 for Transactions publicity at the discretion of the Editor". This motion carried. M. Roth was approved as an Associate Editor of the Transactions.

H. Rauch also moved "to approve the purchase of 1,000 extra copies of the first issue of the IEEE Transactions on Neural Networks, not to exceed \$2,500 total" for distribution in the January meeting. The motion passed.

Two motions by W. Snyder were tabled until January. The motions read as follows: (1) I move that the CNN go on record as never approving any budget for IJCNN's after 1990 which contain reimbursements for Session Chair travel, and (2) I move that the CNN go on record as encouraging future IJCNN budgets to contain a \$20,000 discretionary fund for the general chair.

R. Marks will write letters to the newly accepted Societies about their admission to the Council.

R. Newcomb moved that "the proposed IJCNN meeting schedule be approved, as far as times and locations, as a working schedule through 1992 and conceptually approved overall". The motion passed.

R. Eberhart moved that "the President of the CNN, at his or her discretion, be able to help pay travel expenses to those who could not otherwise attend the ADCOM meeting. The request for travel expenses must be made in writing prior to the meeting". The motion passed. ←

A similar motion by R. Marks on TAB meetings also carried.

The letter by T. Nagel dated September 18, 1989 points out that no agreement was ever signed between the IEEE Neural Networks Committee and the San Diego Section and that the only official action between the two parties was the approval of the ICNN 88 Conference budget. (*Attachment 4*).

The meeting adjourned at 7:35 pm.

MINUTES OF THE IEEE-NNC MEETING

June 18, 1989

Sheraton Washington Hotel, Washington, D.C.

R. J. Marks II presiding.

The meeting came to order. The following NNC members were present: F. Aldana, K. Bakhru, N. DeClaris, B. Dickinson, R. Eberhart, B. H. Juang, R. Marks, T. Nagle, E. Posner, H. Rauch, W. Snyder, E. Tzanakou; and five observers: M. Aronstein, M. Roth, P. K. Simpson, R. D. Trueblood and A. Ephremides.

The agenda was discussed and approved. Minutes were approved as amended. One change was made, namely that R. Eberhart was an NNC member as of the Denver meeting.

A report on past accomplishments was given by R. Marks. These accomplishments included the agreement between the INNS and IEEE and the tentative approval of the IEEE Neural Networks Transactions.

Troy Nagle reviewed the financial status of the 1988 conference. As of the end of April, the IEEE account had a \$25,500 balance with \$16,000 loan to this year's committee. Mr. Aronstein, Chairman of the San Diego Section, said that the books can be closed out soon.

The next item on the agenda was governance. T. Ephremides took nominations from the floor. R. Marks and F. Aldana were nominated for Chairman. They left the room so that elections could take place. R. Marks was elected Chairman. E. Tzanakou was nominated for Secretary. She was elected by acclamation. W. Snyder was nominated for Treasurer but declined. He then nominated R. Eberhart who was elected by acclamation.

The Constitution of the Neural Networks IEEE Committee was then brought up for adoption as it appeared in the blue book (distributed). It was unanimously approved with minor corrections.

A proposed Constitution for the IEEE Council on Neural Networks was brought up for discussion. It was noted that this constitution would have to be presented to the Technical Activities Board (TAB) and be approved by the NNC. Becoming a Council is the next step up the IEEE ladder. Because the NNC will be publishing a Transactions as well as running the IJCNN, it is appropriate that it becomes a council, a more formal organization. Proper campaigning with the TAB members was recommended.

A motion by H. Rauch (seconded by R. Eberhart) followed to proceed with the council status. All were in favor but one. T. Ephremides, H. Rauch and W. Snyder were then appointed as a subcommittee to "fine tune" the IEEE council proposal. The field of interest was discussed at length. The above mentioned three member subcommittee will craft the version to be presented to the TAB. The same version will be reviewed by T. Nagle, then a mail vote will be taken by mid October. The motion was passed.

Herb Rauch then took the floor to discuss the upcoming Transactions. He passed out a description of the publication, a copy of which is attached as Appendix A. In addition to the twelve Associate Editors already suggested, two more Associate Editors, Scott Kirkpatrick and Erkka Oja were suggested.

Sections on papers, short papers and letters will be established. Papers and short papers will be reviewed identically, letters will undergo a different review process that facilitates quick publication. The scope of the Transactions was discussed, and several changes were suggested. The document will be mailed to the Editorial Board for suggestions and approval. A motion for the approval of the Associate Editors was made, seconded and approved.

The conference status was then brought up by Bob Marks. W. Snyder discussed the status of the IJCNN '89 conference. He said it is a "success" with three cost centers (exhibits, tutorials, and registration) all in the black.

A discussion followed that if needed, Bob Marks will write to Society presidents, on behalf of any individual member, requesting that the Society help cover expenses to the NNC meetings. It was moved (F. Aldana) that the Chairman of the NNC at his or her discretion, be able to help pay travel expenses of those who could not otherwise attend the meeting. The request for travel expenses must be made and approved in advance of the meeting. The motion was unanimously approved. At this point, another motion was made for the requirement of "in advance" of the previous motion, being removed for this year's meeting. The motion was unanimously approved.

A report of the Oversight Committee followed. Nick DeClaris reported on the 1990 and 1991 organizations and plans. He mentioned that tab #8 from the circular is withdrawn from consideration since a number of problems exist. Discussion took place as to who chooses the place of a conference and whether the Oversight Committee should have the power to make that decision and that decision being discussed by the NNC. The issues of how much ahead of time decisions should be made about locale and people running the conference were discussed. During the discussion about the '91 Conference a motion was made by R. Eberhart. The motion is that... "the oversight committee following this conference cannot hold or assume major leadership roles in the conferences while they are on the Oversight

Committee". After a long discussion -- sometimes very confusing-- the motion was passed (6 for it, 5 against it). The 1991 conference will take place in Seattle, (IEEE sponsored). A motion was placed by F. Aldana that "the five members of the Oversight Committee who belong to the IEEE-NNC should act as the meetings committee of the NNC." The motion passed unanimously.

T. Ephremides brought up the Region 10 meetings outside the U.S. and that TAB will match the amount that the societies will contribute for one or two representatives to these meetings. The current plan is one in India, one in Singapore and a couple in Australia. If we choose to participate in this series of colloquia we should designate one or two people to participate. R. Eberhart moved that up to \$5,000 be allocated as matching funds for this traveling to the IEEE Symposia in Asia. Motion was carried unanimously.

It was decided that the next meeting will be on Sunday, November 26, 1989 at 1:30 p.m. at the NIPS Meeting.

M. Aronstein brought up the issue of percentage interest for the San Diego section in the IJCNN '90 meeting. The issue was tabled.

The meeting was then adjourned.

IEEE NEURAL NETWORK COMMITTEE FINANCIAL SUMMARY ESTIMATE

11/24/89

INCOME

ICNN 1988 Surplus	 	\$75,765
Current balance ICNN IJCNN 1989 (estimate)		190,000
(may be additional pmt fr ^{IEEE} book broken)		<hr/>
Estimated total		\$ 268,765

EXPENSES AND COMMITMENTS

Committee work	\$ 8,015.53
Transactions 	339.33
 IJCNN Summer 1990	61,056.59
IJCNN Summer 1991	530.00
IJCNN 1989 remaining bills (estimate)	20,000
 INNS 50% of IJCNN 89 Surplus (estimate)	85,000
Estimated total	<hr/> \$ 174,941.45

ESTIMATED NET WORTH
\$ 93,823.55

The following table summarized the preliminary planning thru 1995:

<u>Lead Society</u>	<u>Year</u>	<u>Month</u>	<u>Location</u>
INNS	1990	January	Washington, DC
IEEE	1990	June	San Diego
INNS	1991	July	Seattle
IEEE	1991	October	Singapore
IEEE	1992	Apr/Jun	Washington, DC
INNS	1992	late Oct	Brussels
INNS	1993	June	SF/Vancouver
IEEE	1993	October	Japan
IEEE	1994	June	Philadelphia
INNS	1994	October	Spain
INNS	1995	June	West Coast US
IEEE	1995	October	Hawaii/London



North Carolina State University

Department of Electrical and Computer Engineering

Box 7911
Raleigh, NC 27695-7911
919-737-2336

September 18, 1989

Professor Robert W. Newcomb
Microsystems Laboratory
Electrical Engineering
University of Maryland
College Park, MD 20742

Dear Prof. Newcomb:

Inclosed is the Budget that was approved by the San Diego Section and the IEEE Neural Networks Committee for ICNN88. As part of the budget development process, the IEEE NNC (represented by me as its Chair) and the San Diego Section (represented by Robert Hecht-Nielsen as appointed by the Section Chair, Larry Hamerman) agreed to bring to the our respective entities the IEEE ICNN88 Conference Plan that you will find attached to the ICNN88 Budget. The attachment was included as part of the ICNN88 approved budget and the San Diego Section did in fact share the surplus with the IEEE NNC on an equal basis, as was specified in the Conference Plan. The IEEE NNC and the San Diego Section agreed that the document as proposed was a mixture of 1988 details and a general charter agreement, and that the general charter items should be separated and refined so that all parties could sign the agreement and end the controversy that began with the 1987 conference. The Region 6 Director in office at that time, Dick Doyle, was to refine the wording of a separate general charter agreement with the Section and Robert Hecht-Nielsen (the text was in his Company's word processor). I was prepared (and authorized by the IEEE NNC) to sign a general agreement that conformed to the Conference Plan as attached to the budget for the 1988 Conference. The refined general charter was to be signed during the fall of 1988. Meanwhile, in early December, 1988, the IEEE NNC negotiated a merger of the ICNN with the INNS Annual Meeting to become the IJCNN Series of Conferences. The agreement with

the INNS was written so as to preserve spirit of the earlier agreement with the San Diego Section. I was an observer to the negotiations between the INNS and the IEEE NNC for the expressed purpose of seeing that the spirit of the agreement, as I understood it, was preserved. In December 1988, I resigned as Chair of the NNC due to my election as VP Technical Activities, and Robert Marks subsequently became the IEEE NNC Chair. To the best of my knowledge, the final agreement between the IEEE Neural Networks Committee and the San Diego Section has not been signed. The only official action taken by the both parties was the approval of the ICNN88 Conference budget to which the terms of cosponsorship were attached.

I hope that this helps clarify the issues involved. I must apologize for not completing the agreement with the San Diego section before my resignation as Chair of the IEEE NNC. Dick Doyle was to see that a charter that was acceptable to the San Diego Section was prepared. He was to sign it himself and have the Section Chair sign it, and then I was to sign it if it agreed with the terms as expressed in the ICNN88 Budget. If it deviated from the terms as detailed in the ICNN88 Budget attachment, then I was to bring it back to the NNC for its ratification.

Your Oversight Committee has a lot of work ahead. If you plan to have a meeting at NIPS in Denver, I will make every effort to attend (if requested to do so) to explain the rather complicated chain of events that led up to the terms of the compromise worked out by Robert Hecht-Nielsen and me as detailed in the ICNN88 Budget attachment.

Sincerely,



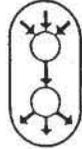
H. Troy Nagle
Professor

cc: Robert Marks, Chair, IEEE NNC
Allen Stubberud, Director, IEEE Region 6
Michael Aronstein, Past Chair, IEEE San Diego Section

TAB 2



NEURAL NETWORKS



January 3, 1990

Robert J. Marks II, President
IEEE Council on Neural Networks
University of Washington
Interactive Systems Design Laboratory
Dept. of Electrical Engineering, FT-10
Seattle, Washington 98195 USA
(206) 543-6990: FAX (206) 543-3842
marks@blake.acs.washington.edu

Professor Robert W. Newcomb, Chair
IJCNN Oversight Committee (IOC)
Microsystems Laboratory
Electrical Engineering Dept.
University of Maryland
College Park, MD 20742

Dear Bob,

The attached letter is the latest in a series of queries with regard to IJCNN support of session organizers and chairs. I, thus, will propose as an "ex officio" member of the IOC, the following motion:

"No session organizers or chairs attending IJCNN's shall be compensated for their travel in relation to performance of these duties."

Sincerely,

A handwritten signature in black ink, appearing to read "R. Marks II".

Robert J. Marks II, President
IEEE Council on Neural Networks

RJM:vbh

cc: Evangelia Tzanakou, ICONN Secretary
Bernie Widrow, INNS President



IEEE

TECHNICAL ACTIVITIES BOARD

TAB MEETINGS COMMITTEE
Dov Jaron, Chairman

PLEASE REPLY TO:
Biomedical Engineering and
Science Institute
Drexel University
32nd and Chestnut Streets
Philadelphia, PA 19104 USA
(215) 895-2215

December 28, 1989

Professor Robert J. Marks, II
Chair, IEEE Neural Networks Committee
Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
University of Washington
Seattle, WA 98185

Dear Bob:

Thank-you for your letter of December 4th in which you report on the status of the Neural Networks Conference. As you mention in your report, there have been two primary irregularities in previous conferences: excessive travel support for session chairs and large fees paid to presenters of tutorials.

Your report indicates the actions taken to correct the first irregularity but does not speak to the second.

I would appreciate receiving information about the level of fees that are being paid for tutorials and whether they conform to IEEE guidelines; if not, what corrective actions have been put in place.

Sincerely,

A handwritten signature in dark ink, appearing to read 'Dov Jaron' with a stylized flourish at the end.

Dov Jaron, Ph.D.

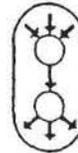
DJ/tw

Attachment

cc: Eric Herz
Irving Engelson
Melvin Olken



NEURAL NETWORKS



December 4, 1989

Dr. Dov Jaron
Biomedical Engineering and Science Institute
Drexel University
Philadelphia, PA 19104

Dear Dov,

At your request, I am providing a summary of Conference Activities of the (*IEEE Council on Neural Networks*). All of the conferences thus far have been huge technical successes. The current series of International Joint Conferences on Neural Networks (IJCNN's) are currently the most visible and largest conferences in the world on the topic. There have been, however, numerous problems in the management of the conferences. It is these issues I will primarily address.

The International Conferences on Neural Networks were held in San Diego in the summer of 1987 and 1988. The primary irregularities in these conferences were excessive travel support for session Chairs and the large fees paid to presenters of tutorials.

At the 1988 meeting of the Planning Committee for the 1989 Conference, a procedure was discussed whereby session Chairs could be reimbursed for travel based on hardship only. The program Chair for the Conference (now the IJCNN) ignored the spirit of the agreement and informed all session Chairs that travel would be reimbursed from the NNC upon petition.

The Conference Chairs (Al Stubberud, currently Division VI Director, and Wes Synder) and I felt that many of the session Chairs had, in good faith, made travel plans contingent on Conference support. Each was contacted by one of the Conference Chairs and the matter was resolved on a case-by-case basis. In order to assure that the matter did not again surface, I indicated in writing to the next Conference Chairs that any financial commitments made without NNC approval would be the responsibility of the person making it. The 1990 IJCNN Chairs (Joseph W. Goodman and Walter Karplus) are aware of the past abuses and are sympathetic to the NNC's position on the matter. The current mood of the NNC is to ban all budgeted support for session Chairs after 1990.

There were also problems with the financial accountability for the 1989 IJCNN. Despite reminders from IEEE Conference Services and the NNC, the 90 day financial report required by IEEE from the Conference Finance Chair was not forthcoming. Checks were issued by the Finance Chair to the sponsoring societies for approximately \$200,000 in late September of this year. The conference is currently being audited by Coopers & Lybrand. Irv Engelson, as a signatory for the conference, ordered the audit at the request of the NNC.

Two major Neural Networks conferences were planned for the summer of 1989 – one sponsored by the NNC and one by the International Neural Networks Society (INNS). To avoid conflicting meetings in both time and location, the NNC and INNS crafted an agreement whereby coordinated semiannual IJCNN's would be offered. After 1990, the current plan calls for one annual IJCNN in North America each summer and one outside the country during the winter. We are currently crafting a more detailed agreement with INNS for the co-sponsorship of these conferences. The IJCNN Oversight Committee (IOC) Chair is Robert W. Newcomb, an IEEE Fellow.

Additional steps that have been taken to assure past problems do not reoccur include review of all conference budgets and contracts by IEEE Conference Services and with the approval of Eric Herz, appointment of Mel Olken to the IOC.

Please contact me if you require further information.

Sincerely,



Robert J. Marks II
Chair, IEEE Neural Networks
Committee
President, IEEE Council on Neural
Networks (CNN)

cc: CNN Executive Committee
Dr. Robert W. Newcomb (IOC Chair)

TAB 3



OCEANIC ENGINEERING SOCIETY

Dr. Daniel L. Alspach
President

PLEASE REPLY TO:
ORINCON Corporation
9363 Towne Centre Drive
San Diego, CA 92121 USA
(619) 455-5530 Ext. 204

December 13, 1989

Dr. Robert J. Marks II
Department of Electrical Engineering, FT-10
University of Washington
Seattle, WA 98195

Dear Bob:

Per our discussions, I understand that the IEEE Oceanic Engineering Society's request for membership on the Neural Networks Committee is inadequate because the Committee has recently been authorized to be changed to a Council. IEEE Oceanic Engineering Society (OES) enthusiastically supports the upgrade of the Committee to a Council, as the OES was a Council for many years.

Per your written and verbal request, this is a formal request for membership on the IEEE Council on Neural Networks (CNN), along with my assurance that our members will abide by the provisions in the CNN Constitution.

Sincerely,


Daniel L. Alspach, Ph.D.
President
Oceanic Engineering Society

DLA:mrp

TAB 4



INDUSTRY APPLICATIONS SOCIETY



Eugene J. Fagan
PRESIDENT

December 31, 1989

PLEASE REPLY TO:

E. I. du Pont de Nemours & Company
Engineering Department
P.O. Box 6090
Newark, DE 19714-6090 USA
(302) 366-2884

Mr. Robert J. Marks, II
Department of Electrical Engineering, FT-10
University of Washington
Seattle, WA 98195

Dear Mr. Marks:

Thank you for your letter of December 7 explaining the status of our request for membership to the Council on Neural Networks. When I voted for establishment of the Council in Tarpon Springs, Florida, I was aware of your statement that membership by Industrial Applications Society was pending. I assumed that approval of our request would be handled in a routine manner. After reading your letter, however, the process appears quite complicated. It almost seems that I would have been better advised to vote "no" on your request so long as Industry Applications Society was excluded.

Let me summarize our position. The Executive Board of the Industry Applications Society has voted to join the Council on Neural Networks. Our representatives are Drs. Nutter and Cook. I will ask them to attend your AdCom meeting at 6:30 pm on January 16, 1990, if their schedules permit. If their schedules do not permit, I trust that you will consider our application anyway.

Very truly yours,

Eugene J. Fagan
Eugene J. Fagan
Society President

EJF/lc
IEEE5:18

cc: Dr. M. Dayne Aldridge—Auburn University, School of
Engineering, 108 Ramsey Hall, Auburn University, AL
36849-3501, 205-844-4333

Dr. Roy S. Nutter, Jr., West Virginia University, 821
Electrical Engineering, P.O. Box 6101, Morgantown, WV
26506, 304-293-6375

Dr. George E. Cook, Vanderbilt University, P.O. Box 2215
Station B, Nashville, TN 37235, 615-322-2259

THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.

DRAFT

NOTES FROM THE IEEE OVERSIGHT COMMITTEE MEETING
Friday, November 24, 1989
Sheraton Denver Tech Center

The meeting was held in Room 535 of the Sheraton Denver Tech Center, Denver, Colorado, Friday, November 24, 1989. It was scheduled to begin at 4:00 p.m. As of that time, three persons were present, of which one, Bob Newcomb, was an appointed Oversight Committee member. Also present at that time were Bob Marks and Russ Eberhart. Wes Snyder joined the meeting at about 5:00 p.m.

Meeting schedules and details were discussed. Included was the fact that according to the Neural Network Council Constitution and Bylaws adopted by the IEEE TAB on November 17, 1989, all prior agreements with the NNC will be null and void as of January 1, 1990, when the committee becomes a Council. All agreements for meetings after 1/1/90 will thus have to be reviewed.

Some concern was expressed about the phasing of the meetings that is being discussed by the INNS: March or April, and August or September. It is felt that August and September are relatively bad months for an IJCNN for three main reasons. First is that the school term is just beginning in late August or early September. Second is that government funded people traditionally run out of travel money in August and September, in addition to dealing with Congressional funding uncertainties at the end of the fiscal year. Third is that August is traditionally a vacation month.

Discussions continued over dinner, and the meeting adjourned at about 9:00 p.m.

Bob -
Let me know if changes you'd
like to make in these documents.
Also - how/who/^{by}when should they
be distributed?
Russ

DRAFT

MEETING OF THE IJCNN OVERSIGHT COMMITTEE

Sheraton Denver Tech Center, November 25, 1989

A meeting of the IJCNN International Oversight Committee was held in Denver on November 25, 1989, at the Sheraton Denver Tech Center Hotel. The meeting convened at 9:00 a.m. Present were Bob Newcomb, Bernard Widrow, Maureen Caudill, Russ Eberhart, Fernando Aldana, Bob Marks, and Wes Snyder.

The receipt of the report of the past IOC Chairman was acknowledged.

The proposed IOC Constitution and Bylaws were then discussed. The overall structure and intent of the document were presented by Bob Marks. How the Oversight Committee is perceived was discussed.

The designation of the location and times of the conferences, monitoring the adherence to the agreement, and oversight of some aspects of the financial arrangements were discussed as Committee functions. It was agreed that any particular meeting location/time decision must be ratified by both Societies.

Widrow characterized the IOC as an ombudsman, as a debating society. It's function is to take recommendations to the sponsoring society.

It was the consensus that two documents are needed: an agreement, as was negotiated and signed about a year ago; and a Constitution and Bylaws of the IOC.

Marks suggested some changes to the agreement that is currently existing. Some problems with the interpretation of the diagram in the agreement were pointed out.

Widrow suggested that Articles IV, V and VI of the proposed Bylaws be included in the basic agreement, rather than in the Bylaws. He also suggested changing the diagram.

The Constitution and Bylaws were then "nit-picked". Changes were suggested, then, after about five minutes, it was decided to review the "old" agreement before proceeding with the Constitution.

Caudill presented a proposed change to the diagram on page 3.

It was suggested by Aldana that the Societies sponsor one major US meeting per year, and one meeting outside the US, with the societies alternating responsibility from year to year.

The US meeting would be a two-weekend (9-10 day) meeting. The international meeting would be a shorter meeting.

In 1991, June or July, a meeting will be run by INNS in Seattle, and

chaired by Psaltis. June 1991, Seattle INNS; October 1991, IEEE, Singapore. April/June 1992, IEEE in US; INNS late in October Brussels.

If the Shoreham isn't available in 1992 June, then that meeting could be moved to 1993, and sponsored by the INNS. If the hotel isn't available either in June of 1992 or 1993, the situation will be discussed in January.

The following table summarized the preliminary planning thru 1995:

Lead Society	Year	Month	Location
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INNS	1990	January	Washington, DC
IEEE	1990	June	San Diego
INNS	1991	July	Seattle (7 days, Psaltis)
IEEE	1991	October	Singapore (Region 10?)
IEEE	1992	Apr/Jun	Washington, DC
INNS	1992	late Oct	Brussels
INNS	1993	June	SF/Vancouver
IEEE	1993	October	Japan
IEEE	1994	June	Philadelphia
INNS	1994	October	Spain
INNS	1995	June	West Coast US
IEEE	1995	October	Hawaii/London

A phone call was made at noon, and Terry Sejnowski and David Rumelhart joined the meeting by phone. Neither had any major comments on the proposed Constitution and Bylaws for the IOC.

Bob Newcomb pointed out that the IOC will recommend, but will have its decisions ratified by the sponsoring societies. The IOC doesn't have decision-making power. Marks pointed out that the IOC has some teeth in the financial area.

Widrow then raised the subject of conferences. He presented the above table verbally to TS and DR, who approved of the idea.

Marks stated that the schedule will be taken up tomorrow at the NNC meeting.

It was moved by Fernando Aldana, and seconded by Bernard Widrow that the above table constitute the recommended meeting schedule (times and locations) for future IJCNN's. Motion was passed unanimously.

Bernard Widrow convened a special meeting of the INNS Executive Meeting to discuss the appointment of the 1991 Chairperson. Present were Terry Sejnowski and David Rumelhart. Bernie moved that, in light of INNS being lead society for the June/July 1991 IJCNN to be held in Seattle, WA, approved by the IOC, Dimitri Psaltis will be asked to serve as General Chair and if he agrees, he will be Chair for this meeting. This motion is contingent upon approval by both organizations of the meeting schedule.

Rumelhart seconded motion, the motion passed unanimously.

Executive committee was adjourned by motion of Rumelhart, seconded by Sejnowski.

Marks commented that, after lunch, we would be discussing future attendance at meetings. The second item is conference travel reimbursement.

The next IOC meeting will be convened at 9:30 a.m., January 15, in Washington, D.C.

The meeting was recessed for lunch, and reconvened after lunch.

Following lunch, the Agreement between the IEEE and the NNS was redrawn. It is attached, in revised draft form, as an Appendix.

It was agreed that a guideline of \$500 per two-hour tutorial plus travel expenses according to IEEE guidelines, or \$1,500 total, at the discretion of the speaker, would be proposed for use in future conferences.

The IOC decided to present the proposed agreement between the INNS and the CNN, and present the proposed Conference schedule.

Widrow will be sent the copy of the IOC Constitution and Bylaws to complete the incorporation of the changes.

It was agreed to distribute the INNS Conference Report for the Winter 1990 IJCNN to all NNC members.

The meeting was adjourned at 5:15 p.m.

DRAFT

AGREEMENT

**BETWEEN THE IEEE COUNCIL ON NEURAL NETWORKS
AND THE INTERNATIONAL NEURAL NETWORK SOCIETY**

In the interest of promoting research, development and education in the area of Neural Networks, the IEEE Council on Neural Networks (CNN) and the International Neural Network Society (INNS) agree to jointly sponsor international meetings, known hereafter as the "International Joint Conferences on Neural Networks," equally sharing the risk and the surplus of the conferences.

- 1) This document becomes effective upon signature of the Presidents of the two organizations.
- 2) Each conference shall be titled the International Joint Conference on Neural Networks (IJCNN).
- 3) Primary responsibility for operation of each conference shall alternate between the two organizations. The organization with responsibility for a particular conference shall be known as the "lead society".
- 4) The lead society shall appoint the General Chair with the advice and consent of the President of the other organization. The lead society guarantees the other society complete access to the financial records of the Conference at any time.
- 5) Both organizations may organize and operate membership booths in conjunction with registration. Organization publications may be sold at these booths. Registrants may join either organization at the meeting and receive member discounts.
- 6) Proceedings of the joint conferences will be sold to members of either organization at the member's rate. The conference committee should approach the IEEE book broker program to establish a mechanism for post-conference sales. Establishment of this mechanism shall be part of the budget planning process for each conference. The lead society will be responsible for post conference sales of proceedings.
- 7) Copyrights to the conference proceedings will be controlled by the lead society.
- 8) Exhibits are encouraged as an integral part of the conferences. The conference committee will be responsible for establishing an exhibits program, in coordination with members of the vendor community.

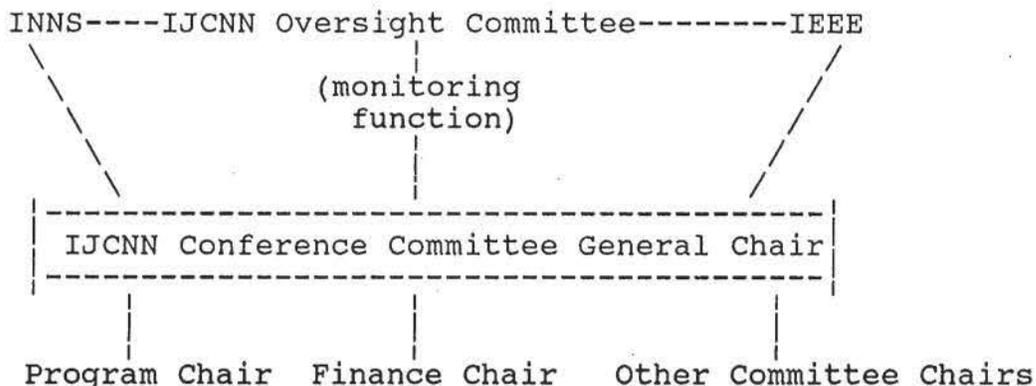
9) As a general guideline, speakers (except for tutorial speakers) are not compensated for their presentations. Plenary speakers normally have their travel expenses paid. The conference committee will set specific arrangements in accordance with the policies of both parent organizations. Compensation for tutorial speakers shall be consistent with the policies of the parent organizations. Session chairs are not normally compensated for their travel expenses.

10) Registration fees will be determined by the conference committee and submitted to the sponsoring organizations as part of the conference budget. Significant fluctuations in fees for contiguous meetings are discouraged.

11) All expenses associated with the conference will be included in the conference budget which must be approved by both organizations. It is the responsibility of the conference committee to enforce adherence to the budget.

12) A preliminary budget will be submitted by the lead society to the IOC and the other organization approximately two years in advance beginning with the 1992 meetings. An operating budget will be similarly submitted approximately one year in advance. It must be approved, disapproved or approved with modifications within 90 days after receipt, or it is approved as submitted.

13) There shall be an Oversight Committee, consisting of not more than 5 people, appointed by the IEEE CNN, and not more than 5 people appointed by the INNS Executive Committee. This IJCNN Oversight Committee shall serve to ensure adherence to this agreement and to mediate any disagreements as provided in item 14. The following diagram specifies the organizational structure:



15) This agreement can be canceled upon written notification of either organization to the President of the other organization. The President of the INNS and the President of the NNC shall have the responsibility of settling any unfinished business already initiated as a result of this document. In the event of dissolution, each

society shall honor its previously approved budgets. Upon cancellation, both organizations agree to not use the conference name "International Joint Conference on Neural Networks" or the initials "IJCNN". The CNN reserves the exclusive right to use the conference name "International Conference on Neural Networks". The INNS reserves the exclusive right to use the conference name "INNS Annual Meeting". Both organizations will refrain from sponsoring other major activities within one month of each IJCNN. Both organizations will share equally in any conference surplus. If a conference loses money, both organizations will equally share in the cost.

16) The IJCNN Conference Organizing Committee shall consist of at least a General Chair, a Program Chair, and a Finance Chair. The General Chair has primary responsibility for all aspects of the meeting and is accountable to the lead society (AdCom of the CNN; Executive Committee of the INNS) with respect to the discharge of that responsibility. It is the responsibility of the President of the lead society to ensure that the General Chair is made aware of all relevant guidelines for the conference, including financial reimbursements. The General Chair shall appoint, may dismiss and is ultimately responsible for the duties of the other members of the Organizing Committee. The Program Chair is responsible for the technical program, including preparation of the Call for Papers, speaker invitation, review/referee procedure, session organization, etc. subject to IOC guidelines. This person should assemble and preside over the Program Committee. The Finance Chair is responsible for all of the financial aspects of the meeting including approving expenditures, seeing that the correct financial records are maintained, seeing that the approved registration fees are charged, preparing the final report, etc. The primary aim of the Finance Chair should be to stay within the approved budget: note that the approved budget may not be the same as that submitted, since the sponsors might request changes. The General Chair may appoint other chairs as required, and will in all matters follow the guidelines contained in the latest version of the IEEE Conference Organization Manual.

17) A preliminary internal audit will be presented to the IOC and both organizations not more than 90 days after the close of the conference. A final audit and financial report is due 180 days after the close of the conference. Copies of this audit are to be presented to the IOC and the organizations. If there is a surplus, it shall be distributed evenly between the two organizations by the conference finance chair. Either organization can order an external audit of the conference by a nationally prominent accounting firm. In such cases, the audit cost will be paid from any conference surplus.

18) There will be at least three signatories on all bank, checking, or other financial accounts for each conference. These shall include the Finance Chair, the General Chair, and the President of the Lead Society. Any one signature will be sufficient to authorize checks of \$10,000 or less. Any two signatures will be required for

amounts greater than \$10,000.

This document was discussed and jointly prepared by the members of
the IJCNN Oversight Committee 25 November, 1989.

Approved by the INNS by its President:

_____ Date: _____

Approved for the IEEE CNN by its President:

_____ Date: _____

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MEMBER SOCIETY AND SUBSCRIPTION STATISTICS AS OF 08/31/89

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TOTALS

My 6/8/90

SOC	PUB	STUDENT	REG	RET	MIN	UNEMP	TOTAL	AFFILS	MEMBS	MEMBS	MEMBS	EXTRA	ACTIVE	ARR	PRIOR	ACT/ARR	LTD
KABBR	SUB	ID										CPYS	CPYS	YR	CPYS	CPYS	SRVC
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		1001	2697	10808	58	51	55	10972	9				23	13701	3390	17091	
		1002	6	159	5	0	4	168	0					174	36	210	
		1381	142	655	6	3	5	669	1					812	226	1038	
		1382	1	6	0	0	0	6	0					7	4	11	
BT	02		259	2041	135	3	18	2197	2	2458	496	2954					103
		1011	258	1942	99	3	18	2062	2				1	2323	490	2813	
		1012	1	36	1	0	0	37	0					38	10	48	
AP	03		1065	6210	163	34	27	6434	3	7502	1658	9160					76
		1041	1064	6068	141	34	27	6270	3				9	7346	1645	8991	
		1042	2	105	4	0	0	109	0					111	25	136	
CAS	04		2554	10480	97	73	43	10693	3	13250	3716	16966					59
		1051	1724	6773	65	55	29	6922	1				13	8660	2761	11421	
		1052	2	139	1	0	2	142	0					144	29	173	
		1391	1138	3975	5	28	11	4019	2				7	5166	1517	6683	
		1392	5	47	0	0	0	47	0					52	18	70	
		4101	732	4123	28	20	11	4182	0				15	4929	1214	6143	
		4102	1	80	0	1	1	82	0					83	10	93	
		4301	7	131	2	0	0	133	0					140	55	195	
		4302	0	5	0	0	0	5	0					5	2	7	
NPS	05		205	2519	86	6	18	2629	159	2993	537	3530					73
		1061	115	1817	48	5	13	1883	121				2	2121	427	2548	
		1062	0	39	1	0	1	41	1					42	7	49	
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VT	06		216	2368	134	8	14	2524	2	2742	484	3226					68
		1081	215	2289	116	7	14	2426	2				1	2644	480	3124	
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R	07		157	3684	93	7	20	3804	11	3972	779	4751					53
		1091	154	3617	74	7	20	3718	11				8	3891	774	4665	
		1092	3	50	0	0	0	50	0					53	13	66	
CE	08		533	4403	175	25	41	4644	5	5282	1545	6827					80
		1021	630	4277	149	25	41	4492	5				6	5133	1535	6668	
		1022	3	84	1	0	0	85	0					88	15	103	
IM	09		434	4531	173	28	18	4710	5	5149	1349	6498					87
		1101	433	4405	93	28	17	4543	5				6	4987	1337	6324	
		1102	1	89	3	0	1	92	0					93	19	112	
		4301	9	103	2	0	0	105	0					114	58	172	
		4302	0	3	0	0	0	3	0					3	1	4	
AES	10		1242	7433	230	8	40	7711	9	8962	2673	11635					138
		1111	1240	7253	161	8	38	7460	9				6	8715	2664	11379	
		1112	4	122	7	0	3	132	0					135	16	151	

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			4302	0	0	2	0	0	5	0					5	1	6	
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			1121	1106	3988	40	3	26	4057	8				5	5176	1009	6185	
			1122	4	90	3	0	2	95	0					99	13	112	
			1351	61	275	0	0	2	277	1			1	340	127	467		
			1352	0	7	1	0	0	8	0				8		8		
IE	13		727	5392	101	40	40	5573	1	6301	1633	7934		2	6204	1625	7829	51
			1131	726	5307	88	40	40	5475	1								
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EM	14		559	7511	159	37	56	7762	130	8451	1870	10321		5	8306	1862	10168	105
			1141	557	7390	131	37	56	7614	130				5	8306	1862	10168	
			1142	2	59	1	0	1	61	1					64	20	84	
ED	15		1187	8976	99	41	53	9169	4	10360	1781	12141		13	7022	1124	8146	77
			1151	741	6174	35	25	32	6266	2				13	7022	1124	8146	
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C	16		11380	61492	725	590	408	63195	21259	95834	12587	115421		12	12185	3001	15186	195
			1141	1657	9692	56	46	53	8857	1659				12	12185	3001	15186	
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			1471	572	3366	8	52	20	3446	1779			5	5802	32	5834		
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			3001	11365	61082	627	588	406	62703	21239			45	95352	19550	114902		
			3002	15	336	6	2	2	346	23					384	83	467	
			3041	1182	7628	27	57	52	7762	3464			13	12426	3070	15496		
			3052	5	69	2	0	0	71	5					81	30	111	
			3071	1413	11969	59	113	90	12231	2355			12	16011	4487	20498		
			3072	2	143	2	0	0	145	8					155	42	197	
			3111	785	4676	9	31	27	4743	712			9	6249	2044	8293		
			3112	3	47	1	0	0	48	2					53	21	74	
			1121	1628	14488	57	99	85	14729	9355			22	25434	5057	30491		

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***** HIGHER GRADES *****										***** TOTALS *****									
ABBR	SOC SUB	PUB ID	STUDENT	REG	RET	MIN	UNEMP	TOTAL	AFFILS	*ACTIVE MEMBS	ARR REARS MEMBS	ACT/ARR MEMBS	EXTRA CPYS	ACTIVE CPYS	ARR PRIOR YR CPYS	ACT/ARR CPYS	LTD SRVC		
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			4301	0	1	0	0	0	1	0				1	385	386			
			4302	0	0	0	0	0	0	0					10	10			
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			4302	0	4	1	0	1	6	0				6	2	8			
EMB	19		1262	5191	133	34	35	5393	89	6744	1760	8504					72		
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COM	19		3243	22993	421	170	153	23737	252	27232	5416	32648					207		
			1201	1317	9763	131	61	54	10009	65			22	11413	2378	13791			
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			4101	33	164	1	1	3	169	0				202	70	272			
			4102	1	2	1	0	0	3	0				4	2	6			

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			STUDENT	REG	RET	MIN	UNEMP	TOTAL	SUB	AFFILS	ACTIVE MEMBS	ARREARS MEMBS	ACT/ARR MEMBS	EXTRA CPYS	ACTIVE CPYS	ARR PRIOR YR		ACT/ARR CPYS
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			1221	217	3803	87	15	23	3928	32			4	4181	1075	5256		
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			4102	0	6	0	0	0	6	0				6	3	9		
DE	22		223	1596	89	1	8	1694	12	1929	570	2499						73
			4201	223	1532	57	1	8	1528	12				1833	567	2400		
			4202	0	23	4	0	1	28	0				28	5	33		
CS	23		1779	7672	63	80	36	7851	19	9649	2513	12162						32
			1231	1777	7580	49	80	34	7743	19			13	9552	2501	12053		
			1232	2	92	1	0	2	95	0				97	25	122		
			1351	59	248	1	2	2	253	1				313	113	426		
			1352	0	1	0	0	0	1	0				1	3	4		
RA	24		1089	4588	43	5	39	4675	145	5909	1940	7849						
			1461	1086	4537	42	5	39	4623	144			105	5958	1929	7887		
			1462	3	56	1	0	0	57	1				61	20	81		
E	25		268	2471	86	5	24	2586	9	2863	491	3354						55
			1241	269	2408	65	5	24	2502	9			1	2780	488	3268		
			1242	0	32	1	0	0	33	0				33	7	40		
PC	26		171	2148	83	10	26	2267	82	2520	596	3116						30
			1251	171	2106	70	10	26	2212	82			2	2467	590	3057		
			1252	0	39	1	0	0	40	0				40	9	49		
PMC	27		221	3175	94	6	10	3285	3	3509	530	4039						28
			1261	220	3123	85	6	10	3224	3			2	3449	529	3978		
			1262	1	52	0	0	0	52	0			1	54	11	65		
SMC	28		744	3484	61	7	23	3575	39	4358	1096	5454						26
			1271	741	3421	49	7	22	3499	39			2	4281	1088	5369		
			1272	3	58	3	0	1	62	0				65	15	80		
			1351	67	371	5	2	5	343	4				414	122	536		
			1352	0	4	0	0	0	4	0				4		4		
SSS	29		230	1902	34	3	5	1944	60	2234	488	2722						27
			12A1	229	1858	25	3	5	1891	60			3	2183	485	2668		
			12A2	1	30	2	0	0	32	0				33	3	36		
SIT	30		250	2065	94	2	11	2172	9	2431	631	3062						17
			1401	250	2033	87	2	11	2138	9			1	2398	626	3024		
			1402	0	17	2	0	0	19	0				19	6	25		
DE	31		1542	13726	1345	271	125	21444	5	22535	3393	25928						812
			1421	158	2832	55	58	10	2955	0			15	3128	858	3986		
			1422	0	80	2	0	0	82	0				82	18	100		
			1431	162	3553	76	85	15	3729	0			15	3906	943	4849		
			1432	0	98	2	0	0	100	0				100	22	122		
			1441	274	4095	65	89	22	4271	0			15	4560	1156	5716		

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PAGE NO. 5

ENTIRE INSTITUTE TOTALS

HIGHER GRADES

TOTALS

ABBR	SDC SUB	PUB ID	STUDENT	REG	RET	MIN	UNEMP	TOTAL	AFFILS	*ACTIVE MEMBS	ARREARS MEMBS	ACT/ARR MEMBS	EXTRA CPYS	ACTIVE CPYS	ARR ⁰ PRIOR YR CPYS	ACT/ARR CPYS	LTD SRVC
			1442	1	95	3	0	0	98	0				99	23	122	
			3081	1080	19199	964	271	106	20540	5			6	21631	3386	25017	
			3082	2	100	5	0	1	106	0				108	20	128	
DEI	32		76	1842	93	16	8	1959	11	2046	309	2355					60
			1301	75	1781	78	16	8	1883	11			8	1977	310	2287	
			1302	1	21	0	0	0	21	0				22	2	24	
MAG	33		233	3083	94	8	18	3203	90	3526	651	4177					45
			1311	233	3016	78	8	17	3119	89			6	3447	649	4096	
			1312	0	49	2	0	1	52	1				53	7	60	
			2331	0	63	0	0	1	64	2				66	20	86	
IA	34		411	9100	524	90	50	9764	2	10177	1403	11580					302
			1321	408	8875	392	90	50	9407	2			3	9820	1389	11209	
			1322	3	73	1	0	0	74	0				77	22	99	
PEL	35		527	3591	56	16	22	3685	1	4213	943	5156					1
			4501	527	3561	55	16	22	3654	1			4	4186	938	5124	
			4502	0	35	1	0	0	36	0				36	11	47	
LED	36		1415	4977	41	25	30	5073	79	6567	1874	8441					16
			1341	673	3321	26	21	18	3386	69				4128	2464	6592	
			1342	4	48	2	0	1	51	1				56	23	79	
			1491	1411	4917	35	25	29	5006	78			1	6496	1859	8355	
			1482	4	57	2	0	1	60	1			1	66	21	87	
			4101	28	118	1	2	3	124	3				155	67	222	
			4102	0	4	0	0	1	5	1				6	2	8	
			4301	177	1141	6	12	7	1166	10			1	1354	311	1665	
			4302	2	15	0	0	1	16	1				19	4	23	
			4601	59	69	0	0	0	69	0				128	2	130	
			4602	1	1	0	0	0	1	0				2		2	
			0000	0	0	0	0	0	0	0							
			1351	1348	5705	14	41	35	5795	1208			5	8356	2612	10968	
PAMI MICRO-		1352	4	90	4	0	1	95	7					106	23	129	
MIC PRINTED-	1391		374	1746	22	14	16	1934	33			3	2248	600	2848		
MIC MICRO-	1382		2	24	2	0	1	27	0					29	7	36	
JSSC PRINTED-	4101		1268	9913	64	51	45	10073	56			32	11429	3198	14627		
JSSC MICRO-	4102		4	160	2	1	4	167	1					172	49	221	
JLT PRINTED-	4371		311	2778	13	29	15	2935	14			2	3162	1392	4554		
JLT MICRO-	4302		3	14	3	0	2	43	1					47	24	71	
JECM PRINTED-	4601		157	739	2	3	4	748	2			1	908	269	1177		
JECM MICRO-	4602		2	9	0	1	0	10	0					11	3	14	
MCEO PRINTED-	3131		3685	21429	233	0	106	21773	108					25766	7072	32838	

ENTIRE INSTITUTE TOTALS

HIGHER GRADES TOTALS

***** HIGHER GRADES *****										***** TOTALS *****							
ABBR	SOC	PUB	STUDENT	REG	RET	MIN	UNEMP	TOTAL	AFFILS	*ACTIVE MEMBS	ARREARS MEMBS	ACT/ARR MEMBS	EXTRA CPYS	ACTIVE CPYS	ARR PRIOR YR CPYS	ACT/ARR CPYS	LTD SRVC
MC&D	MICRO-	3132	11	237	5	0	5	247	1					259	52	311	
SM	PRINTED-	1451	0	0	0	0	0	0	0								
SM	MICRO-	1452	0	0	0	0	0	0	0								
TOT SOC MEMBERSHIP			39389	256459	6064	1779	1563	265865	22564	327818	70978	398796					3199
CAS	54		75	992	3	0	3	998	87	1160	325	1485					1
		1391	75	980	2	0	3	985	86				1	1147	324	1471	
		1392	0	13	0	0	0	13	1					14	2	16	
C	66		289	2787	19	0	18	2824	20	3133	1226	4359					
		3061	73	459	4	0	0	463	5					541	189	730	
		3062	0	2	0	0	0	2	0					2		2	
		3071	94	1018	5	0	11	1034	1					1129	420	1549	
		3072	0	14	0	0	0	14	0					14	2	16	
		3111	52	319	0	0	0	319	1					372	190	562	
		3112	0	1	0	0	0	1	0					1	3	4	
		3121	45	394	4	0	7	405	4					454	234	688	
		3122	0	5	0	0	0	5	0					5		5	
		3151	63	949	10	0	5	964	10					1037	416	1453	
		3152	1	4	0	0	0	4	0					5	3	8	
EMB	68		81	340	4	0	2	346	23	455	183	643					
		1191	81	334	4	0	2	340	28					449	188	637	
		1192	0	7	0	0	0	7	0					7		7	
COM	69		179	3513	21	0	20	3554	912	4645	1708	6353					
		3171	177	3480	21	0	20	3521	910					4609	1694	6303	
		3172	2	37	0	0	0	37	2					41	17	58	
		31	0	0	0	0	0	0	0					1		1	
		3191	0	0	0	0	0	0	0								
DEI	82		7	689	33	0	4	726	3	736	118	854					
		3141	7	685	32	0	4	721	3					731	116	847	
		7142	0	4	1	0	0	5	0					5	3	8	
		45	0	0	0	0	0	0	0		1	1					
		4521	0	0	0	0	0	0	0								
NIC	99		39	365	3	0	1	369	58	465	161	627					
		1381	39	365	3	0	1	369	58					466	160	626	
		1382	0	0	0	0	0	0	0					2		2	
SPFC	100		22	454	15	0	0	479	0	492	102	594					
		5001	21	319	8	0	0	327	0					348	84	432	
		5002	1	136	7	0	0	144	0					145	21	166	
PROC	101		2353	27076	675	0	158	27910	1	30264	6303	36567					
		5011	2346	26733	656	0	157	27546	1					29926	6282	36208	
		5012	7	343	20	0	2	418	0				33	425	68	493	
		102	0	1	0	0	0	1	0	1	882	883					
		5021	0	1	0	0	0	1	0					1	882	883	
THB	104		1	1126	0	0	11	1137	0	1138	214	1352					

MEMBER SOCIETY AND SUBSCRIPTION STATISTICS AS OF 08/31/89

ENTIRE INSTITUTE TOTALS

HIGHER GRADES

TOTALS

ABBR	SOC SUB	PUB ID	STUDENT	REG	RET	MIN	UNEMP	TOTAL	AFFILS	MEMBS	ARREARS	ACT/ARR	EXTRA	ACTIVE	ARR	PRIOR	ACT/ARR	LTD
		3011	1	1116	0	0	11	1127	0					1128	212	1340		
		3012	0	10	0	0	0	10	0					10	2	12		
STM	106	1448	1448	943	1	0	17	961	0	2409	1545	3954						
		5061	0	943	1	0	17	961	0					2409	1544	3953		
		5062	0	0	0	0	0	0	0					1	1			
DIR	107	833	833	23	0	2	858	29	890	279	1169							
		5071	3	833	23	0	2	858	29				2	892	279	1171		
EEA	300	6001	0	6	0	0	0	6	0	6	3	9		6	3	9		
		6001	0	6	0	0	0	6	0					6	3	9		
CCA	305	6011	0	4	0	0	0	4	0	4		4		4		4		
		6011	0	4	0	0	0	4	0					4		4		
ECA	315	6031	0	7	0	0	0	7	0	7	2	9		7	2	9		
		6031	0	7	0	0	0	7	0					7	2	9		
FPC	320	6041	0	1	0	0	0	1	0	1	2	3		1	2	3		
		6041	0	1	0	0	0	1	0					1	2	3		
PA	321	6021	0	1	0	0	0	1	0	1		1		1		1		
		6021	0	1	0	0	0	1	0					1		1		
		325	0	0	0	0	0	0	0		4	4						
		6051	0	0	0	0	0	0	0						4	4		
		6052	0	0	0	0	0	0	0						1	1		
CPF	330	45	2	45	0	0	0	45	0	47	18	65						
		45	2	45	0	0	0	45	0				1	48	18	66		
CPC	331	6101	2	45	0	0	0	45	0									
		6101	1	30	0	0	0	30	0	31	6	37						
		6111	1	30	0	0	0	30	0				1	32	6	38		
CPP	332	6121	0	9	0	0	2	11	0	11	5	16						
		6121	0	9	0	0	2	11	0				1	12	5	17		
MREC	353	6531	0	1	0	0	0	1	0	1	2	3						
		6531	0	1	0	0	0	1	0					1	2	3		
PSA	400	6201	0	81	2	0	0	83	0	83	16	99						
		6201	0	81	2	0	0	83	0					83	16	99		
PC	411	6211	3	36	0	0	0	36	0	39	18	57						
		6211	3	36	0	0	0	36	0					39	18	57		
AI	422	6221	7	106	0	0	1	107	3	117	51	168						
		6221	7	106	0	0	1	107	3					117	51	168		
TC	403	6231	1	88	1	0	0	89	1	91	30	121						
		6231	1	88	1	0	0	89	1					91	30	121		
EC	404	6241	1	51	0	0	1	52	0	53	23	75						
		6241	1	51	0	0	1	52	0					53	23	76		
SD	415	6251	0	59	0	0	0	59	0	59	15	74						
		6251	0	59	0	0	0	59	0					59	15	74		
MP	405	6261	0	16	0	0	1	17	0	17	4	21						
		6261	0	16	0	0	1	17	0					17	4	21		
TI	407	6271	0	32	1	0	0	33	0	33	12	45						
		6271	0	32	1	0	0	33	0					33	12	45		
AP	408	6281	1	32	0	0	0	32	0	33	12	45						
		6281	1	32	0	0	0	32	0									

MEMBER SOCIETY AND SUBSCRIPTION STATISTICS AS OF 08/31/89

ENTIRE INSTITUTE TOTALS

HIGHER GRADES

TOTALS

ABBR	SOC SUB ID	PUB	STUDENT	REG	RET	MIN	UNEMP	TOTAL	AFETLS	MEMBS	ARREARS	ACT/ARR	EXTRA	ACTIVE	ARR PRIOR	ACT/ARR	LTD
													CPYS	CPYS	YR CPYS	CPYS	SRVC
DE	409	6281	1	32	0	0	0	32	0	0	40	13	53	33	12	45	
		6291	0	40	0	0	0	40	0	0				40	13	53	
CEP	410	6301	0	10	0	0	0	10	0	10	5	15		10	5	15	
CCS	411	6311	1	26	0	0	1	27	1	29	11	40		29	11	40	
SE	412	6321	2	51	0	0	1	52	4	58	20	78		58	20	78	
		6331	0	13	0	0	0	13	0	13	9	22		13	9	22	
AM	413	6341	1	18	0	0	1	19	1	21	4	25		21	4	25	
MV	414	6351	0	13	0	0	0	13	0	13	3	16		13	3	16	
MX	415	6361	0	14	0	0	1	15	0	15	4	19		15	4	19	
MT	416	6371	1	37	0	0	1	38	0	39	11	50		39	11	50	
		6381	1	7	0	0	0	7	1	9		9		9		9	
SUBSCRIPTION TOTALS			4519	39953	802	0	246	41001	1149	46669	13356	60925					

	*****ACTIVE WITH SOCIETY MEMBERSHIP*****				ACTIVE WITHOUT SOCIETY MEMBERSHIP		* TOTAL ACTIVE * MEMBERSHIP	
	* NUMBER	%	*SOC. JOINED	* SOC. PUB. COPIES*	NUMBER	%	*	
HIGHER GRADES	* 155255	63.0	* 1.7	* 2.6	* 92923	37.0	* 248179	
STUDENTS	* 22686	51.0	* 1.7	* 2.6	* 22054	49.0	* 44750	
TOTAL	* 177942	61.0	* 1.7	* 2.6	* 114987	39.0	* 292929	

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				COPIES	RECS.	COPIES	RECS.	AF	NON-AF	COPIES	COPIES	RECS.	AF	NON-AF	COPIES	COPIES	RECS.	AF	NON-AF
ASSP	001	100-1		401	305	38	37	289	180	431	12	13	24	55	226	147	356	858	944
				-2	11	11	2	2	0	2	0	0	0	0	3	3	0	18	18
MASSP	001	310-1		97	87	10	10	28	24	50	1	1	2	10	26	21	39	158	170
				-2	6	6	0	0	0	0	0	0	0	1	1	0	7	7	
BC	002	101-1		75	55	12	12	56	35	84	6	3	9	26	53	49	88	178	209
				-2	1	1	0	0	2	2	0	0	0	2	2	0	5	5	
AP	003	104-1		344	242	23	23	239	161	347	10	16	26	50	170	128	299	714	766
				-2	4	4	1	1	0	2	0	0	0	2	2	0	9	9	
CAS	004	105-1		346	283	25	25	218	145	334	17	18	35	55	260	159	290	794	836
				-2	15	15	2	2	0	0	0	0	0	5	5	0	22	22	
CAD	004	139-1		218	174	11	11	112	80	185	5	6	11	19	101	60	136	416	441
				-2	10	10	1	1	0	1	0	0	0	1	1	0	13	13	
NS	005	106-1		258	179	18	18	153	101	222	5	6	11	7	127	35	165	510	465
				-2	2	2	0	0	1	1	0	0	0	0	0	0	3	3	
PS	005	107-1		98	71	7	7	54	31	79	1	5	6	9	54	23	64	195	186
				-2	1	1	0	0	0	0	0	0	0	0	0	0	1	1	
VT	005	104-1		97	72	17	17	94	45	129	2	1	3	23	52	38	119	202	259
				-2	2	2	1	1	0	1	0	0	0	3	3	0	7	7	
R	007	109-1		344	271	24	22	196	146	319	17	8	25	51	178	114	264	700	751
				-2	11	11	2	2	0	1	0	0	0	3	3	0	17	17	
CE	008	102-1		134	94	18	18	135	65	173	11	8	19	35	108	79	182	333	383
				-2	3	3	1	1	0	0	0	0	0	1	1	0	6	6	
IM	009	110-1		323	244	30	30	205	117	297	25	25	50	72	245	196	302	740	817
				-2	14	14	1	1	0	2	0	0	0	4	4	0	21	21	
AES	010	111-1		299	199	21	21	187	95	245	5	3	8	29	129	94	221	548	567
				-2	4	4	1	1	0	2	0	0	0	0	0	0	7	7	
M-AFS	010	316-1		54	50	2	2	20	14	30	0	0	0	5	11	11	25	81	93
				-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
IT	012	112-1		349	273	21	20	197	129	308	10	11	21	42	234	113	249	744	735
				-2	9	9	1	1	0	0	0	0	0	3	3	0	13	13	
IE	013	113-1		180	142	18	18	118	106	210	21	20	41	56	174	164	195	498	575
				-2	7	7	0	0	0	0	0	0	0	1	1	0	8	8	

* - 1 SUFFIX INDICATES FULL SIZE - 2 SUFFIX INDICATES MICROFICHE.
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EM	014	114-1	248	222	20	20	74	48	118	10	8	18	44	83	82	128	407	460	
		-2	6	6	1	1	0	0	0	0	0	0	0	2	2	0	9	9	
EMR	014	301-1	116	105	9	9	8	11	19	6	2	8	13	10	22	27	148	163	
		-2	8	6	0	0	0	0	0	0	0	0	2	2	0	10	10		
ED	015	115-1	420	299	23	23	237	146	335	6	5	11	40	293	101	283	887	769	
		-2	13	13	2	2	0	3	3	0	0	0	2	2	0	20	20		
EDL	015	304-1	180	146	7	7	73	44	106	2	1	3	5	93	23	80	325	285	
		-2	8	8	1	1	0	2	2	0	0	0	1	1	0	12	12		
JECMA	015	460-1	22	14	2	2	10	8	18	0	0	0	5	104	11	15	136	45	
		-2	1	1	0	0	0	1	1	0	0	0	0	0	0	0	2	2	
C	016	116-1	749	600	52	50	376	306	619	20	36	56	88	473	254	484	1,616	1,579	
		-2	27	27	3	3	0	4	3	0	1	1	0	4	4	0	32	38	
SE	016	117-1	653	553	56	56	412	351	688	26	23	48	73	343	195	511	1,426	1,540	
		-2	21	21	2	2	0	3	3	0	0	0	5	5	0	31	31		
PAMI	016	135-1	333	280	30	29	205	139	329	2	9	11	36	201	88	243	712	737	
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KDF	016	147-1	52	52	8	8	16	21	37	3	0	3	9	14	17	28	95	117	
		-2	2	2	0	0	0	0	0	0	0	0	1	1	0	3	3		
M-C	016	300-1	1,033	853	112	95	373	333	617	26	30	56	88	375	251	487	1,883	1,872	
		-2	21	21	3	3	0	1	1	0	1	1	0	3	3	0	29	29	
M-GSA	016	306-1	507	477	52	51	297	206	476	12	18	28	67	231	166	376	1,106	1,198	
		-2	13	13	2	2	0	0	0	0	0	0	1	1	0	16	16		
MMICR	016	307-1	422	366	45	45	157	144	287	17	13	29	56	123	121	230	747	848	
		-2	13	13	1	1	0	1	1	0	1	1	0	3	3	0	19	19	
M-D&T	016	311-1	191	172	11	11	91	59	140	7	5	12	22	64	46	120	330	381	
		-2	6	6	0	0	0	1	1	0	0	0	2	2	0	9	9		
MSOFT	016	312-1	460	414	47	43	195	173	346	15	15	30	42	153	116	252	848	949	
		-2	12	12	1	1	0	1	1	0	0	0	4	4	0	18	18		
M-EXP	016	315-1	421	388	42	42	159	149	296	11	7	18	36	167	100	206	786	844	
		-2	4	4	0	0	0	0	0	0	0	0	3	3	0	11	11		
MTT	017	118-1	360	240	23	23	256	172	378	12	8	20	56	211	140	324	774	801	
		-2	5	5	1	1	0	1	1	0	0	0	3	3	0	10	10		

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BME	018	119-1	284	236	20	20	151	129	274	7	12	19	16	174	61	174	619	610
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M-EMB	018	309-1	73	64	8	8	25	14	38	1	3	4	6	15	11	32	113	125
		-2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
COM	019	120-1	534	405	47	46	385	258	543	22	24	46	82	342	213	489	1,205	1,253
		-2	21	21	2	2	0	0	0	0	0	0	0	3	3	0	26	26
JSAC	019	141-1	247	204	24	24	153	83	213	8	5	13	38	82	76	199	441	530
		-2	9	9	1	1	0	0	0	0	1	1	0	5	5	0	16	16
M-COM	019	302-1	388	322	45	45	128	93	196	13	7	20	46	120	115	187	653	698
		-2	15	15	2	2	0	0	0	0	0	0	4	4	0	21	21	
M-NET	019	317-1	315	283	30	30	112	96	197	8	4	12	40	104	74	160	549	596
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UFFC	020	121-1	140	111	13	13	81	52	127	2	3	5	11	99	36	94	307	292
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CHMT	021	122-1	198	166	6	6	128	85	201	4	4	8	23	90	41	155	383	422
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JOE	022	420-1	98	84	14	14	36	21	54	2	1	3	6	35	21	44	169	176
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AC	023	123-1	385	276	28	28	262	197	424	28	22	49	51	381	178	341	1,013	955
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M-CS	023	305-1	111	99	7	7	37	44	81	9	4	13	30	37	50	76	203	250
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RA	024	146-1	177	148	15	15	62	61	117	6	2	8	23	94	56	91	350	344
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"	025	124-1	95	81	10	10	42	43	84	10	9	19	22	89	53	74	247	247
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PC	026	125-1	184	173	25	24	31	30	59	5	1	6	26	29	43	62	269	305
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EMC	027	126-1	197	142	19	19	135	94	213	12	5	17	28	82	55	175	387	456
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SMC	028	127-1	346	293	23	22	153	122	262	12	17	29	29	262	90	194	770	696
		-2	13	13	2	2	0	1	1	0	0	0	0	2	2	0	18	18

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EC	031	142-1	184	139	27	17	123	95	199	25	20	44	59	182	130	207	508	529
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PWRD	031	143-1	207	144	27	16	139	122	235	31	21	52	69	187	145	239	564	592
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PWRS	031	144-1	223	167	29	18	176	127	272	39	28	66	84	209	177	299	616	700
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PER	031	308-1	62	54	13	10	37	33	69	10	7	17	15	22	32	62	137	182
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M-CAP	031	318-1	58	33	5	5	6	13	19	5	0	5	8	18	21	19	94	83
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M-EI	032	314-1	51	50	3	3	20	17	37	6	1	7	6	13	14	32	85	111
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MAG	033	131-1	277	175	11	11	165	105	236	8	8	15	19	263	59	192	664	496
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TJMJ	033	233-1	111	94	4	4	25	22	46	0	1	1	4	13	8	29	151	153
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IA	034	132-1	234	197	26	25	146	122	255	39	26	65	63	204	156	248	612	688
	-2		9	9	1	1	0	0	0	0	0	0	0	0	0	0	10	10
PF	035	450-1	103	81	15	14	76	51	123	9	10	19	32	85	72	117	264	309
	-2		4	4	3	2	0	1	1	0	0	0	0	1	1	0	9	8
JQE	035	134-1	380	286	20	20	179	123	263	6	4	10	23	196	64	208	723	643
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SM	097	145-1	63	60	2	2	13	10	23	0	0	0	5	29	9	18	104	94
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MI	099	138	-1	77	69	8	8	48	31	77	1	4	5	4	33	17	53	153	176	
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JSSC	201	410	-1	381	279	26	26	237	133	327	11	11	22	43	220	104	291	771	758	
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JLT	202	430	-1	213	182	21	20	113	71	159	3	1	4	29	82	44	145	388	409	
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SUB TOTAL TYPE-2				478	477	54	53	0	54	53	0	11	11	0	115	115	0	712	709	
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TOTALS FOR MICROFICHE PUBLICATIONS -								4													
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OOP 888 888-1	126	111	10	10	0	24	24	0	1	1	0	15	15	0	176	161
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TOTALS FOR OOP OPTION 1 SUBSCRIPTIONS - FULLSIZE -															176	
TOTALS FOR OOP OPTION 1 SUBSCRIPTIONS - MICROFICHE -															7	
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	PROC	101	501-1	1,373	1,156	126	114	708	446	993	30	37	65	149	669	354	887	2,651	2,682
			-2	65	64	3	3	0	5	5	0	1	1	0	6	6	0	80	79
	INST	103	503-1	66	61	2	2	1	1	2	0	0	0	2	2	4	3	71	69
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	DIR	107	507-1	96	90	7	7	0	4	4	0	0	0	0	9	7	0	116	108
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	EEA	300	600-1	126	125	6	6	0	0	0	3	7	10	0	0	0	3	139	141
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	CCA	305	601-1	135	131	8	8	0	0	0	2	6	8	0	0	0	2	149	147
			-2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
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	CPL	330	610-1	45	43	12	10	0	0	0	2	0	2	0	0	0	2	57	55
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	CPC	331	611-1	51	49	14	14	0	0	0	1	1	2	0	0	0	1	66	65
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	CCP	332	612-1	153	149	19	17	0	0	0	5	1	6	0	0	0	5	172	172
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	MBEC	353	653-1	198	195	26	26	0	0	0	1	4	5	0	0	0	1	228	226
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	PSA	400	620-1	23	22	3	3	0	0	0	2	1	3	0	0	0	2	27	28
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SD	405	625-1	23	21	2	2	0	0	0	0	2	2	0	0	0	0	27	25
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AP	408	628-1	12	11	2	2	0	0	0	0	1	1	0	0	0	0	15	14
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DE	409	629-1	19	15	2	2	0	0	0	0	2	2	0	0	0	0	23	19
	-2		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CEP	410	630-1	8	7	1	1	0	0	0	0	1	1	0	0	0	0	10	9
	-2		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CCS	411	631-1	14	13	2	2	0	0	0	0	1	1	0	0	0	0	17	16
	-2		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SE	412	632-1	16	14	1	1	0	0	0	2	1	3	0	0	0	2	18	18
	-2		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AM	413	633-1	13	10	3	3	0	0	0	0	1	1	0	0	0	0	17	14
	-2		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IV	414	634-1	11	10	1	1	0	0	0	0	1	1	0	0	0	0	13	12
	-2		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MX	415	635-1	8	7	4	4	0	0	0	1	1	2	0	0	0	1	13	13
	-2		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MT	416	636-1	12	11	2	2	0	0	0	0	1	1	0	0	0	0	15	14
	-2		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HTS	417	637-1	45	43	3	3	0	0	0	0	1	1	0	0	0	0	49	47
	-2		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

* - 1 SUFFIX INDICATES FULLSIZE - 2 SUFFIX INDICATES MICROFICHE.
 AF REPRESENTS AIR-FREIGHT SUBSCRIPTIONS.
 SEE LAST PAGE FOR EXPANSION OF ABBREVIATIONS.

ACTIVE SUBSCRIBER PUBLICATIONS AS OF 08/31/89

GRAND TOTALS OF ALL PUBLICATIONS

TOTALS FOR ALL PUBLICATIONS - FULL SIZE - 122,159
TOTALS FOR ALL PUBLICATIONS - MICROFICHE - 5,416

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G/S-PUB ABBR. FULL TITLE EXPANSION OF TITLE ABBREVIATIONS

G/S-PUB	ABBR.	FULL TITLE	EXPANSION OF TITLE ABBREVIATIONS
001 100	ASSP	ACOUSTICS, SPEECH, & SIGNAL PROCESSING	
001 310	MASSP	ASSP MAGAZINE	
002 101	BC	BROADCASTING	
003 104	AP	ANTENNAS & PROPAGATION	
004 105	CAS	CIRCUITS & SYSTEMS	
004 139	CAD	COMPUTER-AIDED DESIGN OF INTEGRATED CIRCUITS & SYSTEMS	
005 106	NS	NUCLEAR SCIENCE	
005 107	PS	PLASMA SCIENCE	
006 108	VT	VEHICULAR TECHNOLOGY	
007 109	R	RELIABILITY	
008 102	CE	CONSUMER ELECTRONICS	
009 110	IM	INSTRUMENTATION & MEASUREMENT	
010 111	AES	AEROSPACE & ELECTRONIC SYSTEMS	
010 316	M-AES	AEROSPACE & ELECTRONIC SYSTEMS MAGAZINE	
012 112	IT	INFORMATION THEORY	
013 113	IE	INDUSTRIAL ELECTRONICS	
014 114	EM	ENGINEERING MANAGEMENT	
014 301	EMR	ENGINEERING MANAGEMENT REVIEW	
015 115	ED	ELECTRON DEVICES	
015 304	EOL	ELECTRON DEVICE LETTERS	
015 460	JECMA	JOURNAL OF ELECTRONIC MATERIALS	
016 116	C	COMPUTERS	
016 117	SE	SOFTWARE ENGINEERING	
016 135	PAMI	PATTERN ANALYSIS & MACHINE INTELLIGENCE	
016 147	KDE	TRANSACTIONS ON KNOWLEDGE & DATA ENGINEERING	
016 300	M-C	COMPUTER MAGAZINE	
016 305	M-G&A	COMPUTER GRAPHICS & APPLICATIONS MAGAZINE	

EXPANSION OF TITLE ABBREVIATIONS

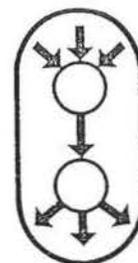
G/S-PUB	ABBR.	FULL TITLE
016 307	MMICR	MICRO MAGAZINE
016 311	M-D&T	DESIGN & TEST OF COMPUTERS MAGAZINE
016 312	MSOFT	SOFTWARE MAGAZINE
016 315	M-EXP	EXPERT MAGAZINE: (INTELLIGENT SYSTEMS & THEIR APPLICATIONS)
017 118	MTT	MICROWAVE THEORY & TECHNIQUES
018 119	BME	BIOMEDICAL ENGINEERING
018 309	M-EMB	ENGINEERING IN MEDICINE & BIOLOGY MAGAZINE
019 120	COM	COMMUNICATIONS
019 141	JSAC	JOURNAL OF SELECTED AREAS IN COMMUNICATIONS
019 302	M-COM	COMMUNICATIONS MAGAZINE
019 317	M-NET	NETWORK MAGAZINE
020 121	UFFC	ULTRASONICS, FERROELECTRICS, & FREQUENCY CONTROL
021 122	CHMT	COMPONENTS, HYBRIDS, & MANUFACTURING TECHNOLOGY
022 420	JOF	JOURNAL OF OCEANIC ENGINEERING
023 123	AC	AUTOMATIC CONTROL
023 305	M-CS	CONTROL SYSTEMS MAGAZINE
024 146	RA	TRANSACTIONS ON ROBOTICS & AUTOMATION
025 124	E	EDUCATION
026 125	PC	PROFESSIONAL COMMUNICATION
027 126	EMC	ELECTROMAGNETIC COMPATIBILITY
028 127	SMC	SYSTEMS, MAN, & CYBERNETICS
029 128	GRS	GEOSCIENCE & REMOTE SENSING
030 140	M-T&S	TECHNOLOGY & SOCIETY MAGAZINE
031 142	EC	ENERGY CONVERSION
031 143	PWRD	POWER DELIVERY
031 144	PWR% PWR	POWER SYSTEMS
031 300	REP	POWER ENGINEERING REVIEW

ACTIVE SUBSCRIBER PUBLICATIONS AS OF 08/31/89

G/S-PUB	ABBR.	FULL TITLE	EXPANSION OF TITLE ABBREVIATIONS
031 318	M-CAP	COMPUTER APPLICATIONS IN POWER MAGAZINE	
032 130	EI	ELECTRICAL INSULATION	
032 314	M-EI	ELECTRICAL INSULATION MAGAZINE	
033 131	MAG	MAGNETICS	
033 233	TJMJ	IEEE TRANSLATION JOURNAL ON MAGNETICS IN JAPAN	
034 132	IA	INDUSTRY APPLICATIONS	
035 450	PE	TRANSACTIONS ON POWER ELECTRONICS	
036 134	JOE	JOURNAL OF QUANTUM ELECTRONICS	
036 148	PTL	PHOTONICS TECHNOLOGY LETTERS	
097 145	SM	TRANSACTIONS ON SEMICONDUCTOR MANUFACTURING	
098 313	M-CED	CIRCUITS & DEVICES MAGAZINES	
099 138	MI	MEDICAL IMAGING	
100 500	SPEC	IEEE SPECTRUM	
101 501	PROC	PROCEEDINGS OF THE IEEE	
103 503	INST	THE INSTITUTE	
105 504	TAG	IEEE TECHNICAL ACTIVITIES GUIDE	
106 505	STM	IEEE POTENTIALS	
107 507	DIR	IEEE MEMBERSHIP DIRECTORY	
201 419	JSSC	JOURNAL OF SOLID-STATE CIRCUITS	
202 430	JLT	JOURNAL OF LIGHTWAVE TECHNOLOGY	
300 600	FEA	SCIENCE ABSTRACTS - ELECTRICAL & ELECTRONIC ABSTRACTS	
305 601	CCA	SCIENCE ABSTRACTS - COMPUTER & CONTROL ABSTRACTS	
315 603	FCA	SCIENCE ABSTRACTS - COMBINED - ELECTRICAL & ELECTRONICS & COMPUTER & CONTROL ABSTRACTS	
320 604	CCP	SCIENCE ABSTRACTS - COMBINED - ELECTRICAL & ELECTRONICS, COMPUTER & CONTROL, & PHYSICS ABSTRACTS	
321 602	PA	SCIENCE ABSTRACTS - PHYSICS ABSTRACTS	
330 610	CPE	CURRENT PAPERS - ELECTRICAL & ELECTRONICS ENGINEERING	
331 611	CPC	CURRENT PAPERS - COMPUTERS & CONTROL	



IEEE Neural Networks Committee





LOCKHEED RESEARCH & DEVELOPMENT DIVISION
PALO ALTO RESEARCH LABORATORIES

FACSIMILE TRANSMISSION ADDRESS SHEET

PAGE 1 OF 2

DATE: 11 NOV 89 FAX TELEPHONE NUMBER (206) 543-3842

TO: ROBERT MARKS PHONE: (206) 543-6990

FROM: HERB RAUCH PHONE: (415) 424-3489

SUBJECT: TEMP

NN VP NOMINATION

HERE ARE SOME COMMENTS
ALDADO WOULD BE GREAT AS VP
~~AS VP~~

THIS FACSIMILE WAS TRANSMITTED FROM PALO ALTO, CALIFORNIA
LMSC, R&D DIVISION PHONE: (415) 424-3115

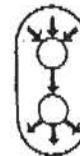
SUPPLEMENTAL INFORMATION:

I WOULD BE WILLING TO
SERVE ON NOMINATING
COMMITTEE IF NEEDED

200 803-0928



NEURAL NETWORKS



Herbert E. Rauch, Editor
IEEE TRANSACTIONS ON
NEURAL NETWORKS
Lockheed 92-20/254 E
3251 Hanover Street
Palo Alto, CA 94304 USA
(415) 424-2704

TO BOB MARKS

Here is the response to your FAX this afternoon.
I think Aldana would be great for the VP. It would
give an international flavor to the Council and
has is very good at things.

I would be willing to be Chair of the Nominating Committee
with Tony Ephremedis as a member if you think that is best.

HERE ARE SOME COMMENTS

FIRST, if the TAB allows the Committee to become a Council
then at the November Colorado meeting we can ELECT people
subject to ratification or whatever of the COUNCIL status.
My feeling is that we should NOMINATE (and ELECT) the
current three officers (including you) who were elected
by the NN Committee to serve in 1990. In other words,
I do not think your ELECTION to serve in 1990 is done,
but there must be some formalism gone through at the
November Colorado meeting to make these three officers
of the Council... (even though they would be Committee officers).

SECOND, at the same time we could nominate (and elect,
if needed) the person to be Vice President of the Council.
I think Aldano would be fine.

THIRD, there then will be THREE (or FOUR) upcoming vacancies
in the upcoming Council because the Council Officers cannot
be representatives of the Society. This means that three
(or four) people must be appointed by the societies to
replace the officers who are elected (subject to ratification).

This all sounds complicated, but I think it would be good
to get as much done at the November Colorado Meeting as
possible.

~~FOR THE COUNCIL TO SERVE STARTING JANUARY 1
IF WE BECOME COUNCIL THEN~~

WE NEED COUNCIL OFFICERS TO SERVE STARTING JANUARY 1
IF WE BECOME COUNCIL THEN

RDD

Lockheed

LOCKHEED RESEARCH & DEVELOPMENT DIVISION
PALO ALTO RESEARCH LABORATORIES

FACSIMILE TRANSMISSION ADDRESS SHEET PAGE 1 OF 2

DATE: 11 NOV 89 FAX TELEPHONE NUMBER (206) 543-3842
TO: ROBERT MARKS PHONE: (206) 543-6990
FROM: HERB RAUCH PHONE: (415) 424-3489
SUBJECT: _____ TEMP

INFORMATION FOR NEURAL NETWORKS
COMMITTEE MEETING

THIS FACSIMILE WAS TRANSMITTED FROM PALO ALTO, CALIFORNIA
LMSC, R&D DIVISION PHONE: (415) 424-3115

SUPPLEMENTAL INFORMATION: _____

BOB, THANKS FOR THE SUGGESTION, BUT I DO
NOT WISH TO BECOME VICE PRESIDENT.
ALTERNATIVE CANDIDATES ARE BOB NEWCOMB
AND WES SNYDER. MY FEELING IS VP
SHOULD BE MEETINGS PERSON AND WORK
WITH OUCSIGHT COMMITTEE

THIS IS BEING TRANSMITTED
A SECOND TIME

1162-225



IEEE SERVICE CENTER

THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.

445 HOES LANE, P.O. BOX 1331, PISCATAWAY, NJ 08855-1331, USA TEL. (201) 981-0060 TELEX 833233 FAX: (201) 981-0027

DIRECT NUMBER (201) 562- 3873

September 1, 1989

Dr. N. DeClaris
Electrical Engineering Department
and School of Medicine
University of Maryland
College Park, MD 20742

RE: IJCNN '89
(Conference # 2046)

Dear Dr. DeClaris:

This letter will serve as a reminder that in accordance with IEEE Policy Statement 10.9N, submission of a preliminary financial report from the above referenced conference is due at IEEE Headquarters within 3 months after the close of the conference. More importantly, however, is the fact that the conference bank account should be closed, the surplus distributed and the detailed final financial report submitted to IEEE Headquarters no later than 6 months after the close of the conference, December 22, 1989.

To assist you in complying with IEEE Policy, I am pleased to enclose IEEE Financial Reporting forms.

If you have any questions regarding the above, please do not hesitate to contact us.

Sincerely,

A handwritten signature in cursive script that reads "Laura S. Jobmann".

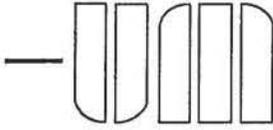
Laura S. Jobmann
Administrator
Conference Services Department

LSJ: vc

cc: R. Eberhart
B. Marks
P. Sensi

THIS COPY FOR

Department of Electrical Engineering
Microsystems Laboratory
University of Maryland
College Park, MD 20742



Robert W. Newcomb, Professor
Telephone 301-454-6869
Email: newcomb@eneevax.eng.umd.edu
Fax (301) 454-1837

August 23, 1989

To: IJCNN Oversight Committee (IOC)
From: R. Newcomb
Subject: Addresses

As you may know I have agreed to serve in the interim as the IOC chair. Thus, I attach the list of addresses I have been able to put together. Please check this over and return any missing information as soon as possible.

A number of people have made it clear that they believe an all day meeting is necessary at the NIPS Conference. Consequently, for your planning purposes I am attempting to organize such a meeting for Saturday, November 25, 1989, at the NIPS Conference hotel, and possibly Friday evening, November 24, for the IEEE NNC members of the IOC. As soon as I have full details on this I will let you know, but because this is very unfortunately the Thanksgiving weekend, you should know of the present plans.

It also appears that a number of people have a number of different views as to just what the IOC should do, some of these views being quite different from my impressions when voting it into existence and agreeing to serve in the interim. Because it is crucial to know what we should be doing before undertaking actions, I will try to be back to you sometime soon on this matter.

A handwritten signature in cursive script, appearing to read 'Robt W. Newcomb', written in dark ink.

cc: Others listed on the attached addresses
Attachment: IOC addresses

RDD

Lockheed

LOCKHEED RESEARCH & DEVELOPMENT DIVISION
PALO ALTO RESEARCH LABORATORIES

FACSIMILE TRANSMISSION ADDRESS SHEET PAGE 1 OF 2

DATE: 11 NOV 89 FAX TELEPHONE NUMBER (206) 543-3842
TO: ROBERT MARKS PHONE: (206) 543-6990
FROM: HERB RAUCH PHONE: (415) 424-3489
SUBJECT: TEMP

INFORMATION FOR NEURAL NETWORKS
COMMITTEE MEETING

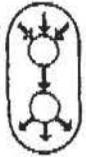
THIS FACSIMILE WAS TRANSMITTED FROM PALO ALTO, CALIFORNIA
LRDC RDD DIVISION PHONE: (415) 424-3115

SUPPLEMENTAL INFORMATION.

BOB, THANKS FOR THE SUGGESTION, BUT I DO
NOT WISH TO BECOME VICE PRESIDENT.
ALTERNATIVE CANDIDATES ARE BOB NEWCOMB
AND WES SNYDER. MY FEELING IS VP
SHOULD BE MEETINGS PERSON AND WORK
WITH OVERSIGHT COMMITTEE



NEURAL NETWORKS



Herbert E. Rauch, Editor
IEEE TRANSACTIONS ON
NEURAL NETWORKS
Lockheed 92-20/254 E
3251 Hanover Street
Palo Alto, CA 94304 USA
(415) 424-2704

DATE November 13, 1989
TO Neural Network Committee
SUBJECT Motions on Editorial Expenses

BACKGROUND The Editor of the IEEE Transactions on Neural Networks has \$10,000 budgeted for editorial expenses in 1990 for items such as secretarial expenses or postage and envelopes. Herb Rauch from Lockheed Palo Alto Research Laboratory is the Editor. Lockheed will supply postage and envelopes without charge, but there is no way that secretarial support can be supplied or paid for at Lockheed. It may be that Marjorie Rauch, Herb's wife, does secretarial work at home for the Transactions on a per hour basis. (She already has a regular job as a teacher.) If that happens, then computer word processing equipment and printer might be purchased to "automate" the secretarial functions. If a relative of the Editor or when there are equipment purchases by the Editor, these should be approved by the entire committee before hand. Therefore, the following two motions will be proposed at the meeting of the Neural Network Committee.

DISCUSS

MOTION The Neural Network Committee hereby authorizes the Editor of the Transactions, Herb Rauch, to purchase computer equipment to "automate" the secretarial functions, at the discretion of the Chairman.

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990 (office), 543-6061 (secretary),
543-2150 (main office), 776-8995 (home), 543-3842 (FAX).
marks@blake.acs.washington.edu*

8-9-89

Laura Jobmann
IEEE Conference Services
445 Hoes Lane
P.O. Box 1331
Piscataway, NJ 08855-1331
201-562-3873

Dear Laura,

Attached are copies of audits performed by NNC Treasurer, Russ Eberhart.

Best regards,

Robert J. Marks II
ew

Robert J. Marks II, Chair
IEEE NNC

cc: Evangelia Tzanakou, NNC Secretary



THE INSTITUTE OF
ELECTRICAL AND
ELECTRONICS
ENGINEERS, INC.

July 25, 1989

To: R. J. Marks II
From: R. C. Eberhart
Subject: 1988 ICNN Financial Status

On July 18, 1989, I met with Mike Aronstein, who was the Chairman of the IEEE San Diego Section during (and after) the 1988 ICNN. Attached as Appendix A is Mike's final accounting of the funds from the conference. He gave me a check made out to the IEEE Neural Network Committee in the amount of \$28,955 at the meeting.

Attached as Appendix B are copies of the checking and savings account statements (California First Bank and Union Bank), that list all ICNN 88 transactions since the Coopers and Lybrand audit of October 11, 1988.

Based upon the information provided by Mike Aronstein, the IEEE NNC Finance Committee recommends that the books on the 1988 ICNN be considered closed, and the \$28,955 check be accepted as final payment on the conference from the San Diego Section.

A handwritten signature in cursive script that reads "R. C. Eberhart".

R. C. Eberhart, Treasurer
IEEE NNC

Distribution:

BVonNordeck
GGaertner
RCEberhart
WSnyder
RMMarksII
TNagle



IEEE ANNUAL
INTERNATIONAL CONFERENCE
ON NEURAL NETWORKS
3770 Tansy Street
San Diego, CA 92121

Sponsored by the IEEE San Diego Section

1 July 1989

Dr. Troy Nagel

Dear Troy:

I have closed the books on the IEEE ICNN 1988 Conference. The conference surplus was \$157,530. Here is an accounting of the funds:

Total surplus \$157,530	
NNC	San Diego Section
<hr/>	<hr/>
\$78,765	\$78,765
- \$ 5,276 Advance 87	
- \$19,534 Transfer of proceedings funds from IEEE USA directly to NNC account	
- \$25,000 Check Nr. 1433, 2 Dec. 88 to IEEE ICNN '89 (advance)	
<hr/>	<hr/>
\$28,955 check inclosed	\$78,765 sent to S.D. Section

Thank You for your sponsorship

Michael Aronstein
Finance Chair IEEE ICNN 1988

DIRECT INQUIRIES TO: 11015 SORRENTO VALLEY RD.
SAN DIEGO, CA 92121

STATEMENT FROM: 10/01/88
THROUGH: 10/31/88
PAGE: 1

(619)230-4080

.056 SAV
IEEE ICNN 1988
3770 TANSY ST
SAN DIEGO CA
92121

BANKING SERVICES: SAVINGS

----- SAVINGS ACCOUNT 0563872431 -----

TAXPAYER IDENTIFICATION NUMBER
INTEREST PAID 3RD QUARTER
TOTAL INTEREST PAID 1988

136-11-7748
3,422.35
3,857.12

----- SAVINGS ACCOUNT ACTIVITY -----

DATE	DEBITS	CREDITS	TRANSACTION DESCRIPTION	BALANCE
10/03	10,000.00		BALANCE FORWARDED REGULAR WITHDRAWAL	179,677.51 169,677.51

PLEASE EXAMINE AT ONCE. ERRORS SHOULD BE REPORTED AS SOON AS POSSIBLE. SEE BACK FOR ELECTRONIC FUND TRANSFER NOTICE, CASH RESERVE, MERITLINE® AND BALANCING INFORMATION.

INQUIRIES TO: 11015 SORRENTO VALLEY RD.
SAN DIEGO, CA 92121

STATEMENT FROM: 11/01/88
THROUGH: 11/30/88
PAGE: 1

(619)230-4080



056 SAV
IEEE ICNN 1988
3770 TANSY ST
SAN DIEGO CA
92121

BANKING SERVICES: SAVINGS

SAVINGS ACCOUNT 0563872431

TAXPAYER IDENTIFICATION NUMBER	136-11-7748
INTEREST PAID 3RD QUARTER	3,422.35
TOTAL INTEREST PAID 1988	3,857.12

SAVINGS ACCOUNT ACTIVITY

DATE	DEBITS	CREDITS	TRANSACTION DESCRIPTION	BALANCE
11/17	30,000.00		BALANCE FORWARDED REGULAR WITHDRAWAL	169,677.51 139,677.51

**CALIFORNIA
FIRST BANK**

ST

MEMBER FDIC

DIRECT INQUIRIES TO: 11015 SORRENTO VALLEY RD.
SAN DIEGO, CA 92121

STATEMENT FROM: 12/01/88
THROUGH: 12/31/88
PAGE: 1

(619)230-4080

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IEEE ICNN 1988
3770 TANSY ST
SAN DIEGO CA
92121

BANKING SERVICES: SAVINGS

----- SAVINGS ACCOUNT 0563872431 -----

TAXPAYER IDENTIFICATION NUMBER: 136-11-7748
INTEREST PAID 4TH QUARTER: 1,903.74
TOTAL INTEREST PAID 1988: 5,760.86

----- SAVINGS ACCOUNT ACTIVITY -----

DATE	DEBITS	CREDITS	TRANSACTION DESCRIPTION	BALANCE
12/05	21,000.00		BALANCE FORWARDED	139,677.5
12/09			REGULAR WITHDRAWAL	118,677.5
12/21		678.56	REGULAR DEPOSIT	119,356.1
12/31		10,340.81	REGULAR DEPOSIT	129,696.9
		1,903.74	INTEREST	131,600.6

**CALIFORNIA
FIRST BANK**

ST

MEMBER FDIC

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SAN DIEGO, CA 92121

(619)230-4080

1989 IEEE Neural Networks Council Document

Robert J. Marks II Library Archive

FEB 03 1989

STATEMENT FROM: 01/01/89

THROUGH: 01/31/89

PAGE: 1

H

056 SAV
IEEE ICNN 1988
3770 TANSY ST
SAN DIEGO CA
92121

BANKING SERVICES: SAVINGS

----- SAVINGS ACCOUNT 0563872431 -----

TAXPAYER IDENTIFICATION NUMBER
INTEREST PAID 4TH QUARTER
TOTAL INTEREST PAID 1988

136-11-7748
1,903.74
5,760.86

----- SAVINGS ACCOUNT ACTIVITY -----

DATE	DEBITS	CREDITS	TRANSACTION DESCRIPTION	BALANCE
			BALANCE FORWARDED	131,600.66

Union Bank

MEMBER FDIC

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MAR 3 1989

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SAN DIEGO, CA 92121

STATEMENT FROM: 02/01/89

THROUGH: 02/28/89

PAGE: 1

CYCLE 30

619 230-4080

056
IEEE ICNN 1988
3770 TANSY ST
SAN DIEGO CA 92121-1509

0563872431

BANKING SERVICES : SAVINGS

-----SAVINGS ACCOUNT 0563872431-----

PREVIOUS BALANCE	131,600.66
INTEREST PAID THIS QUARTER (+) .....	.00
SERVICE CHARGES (-) .....	.00
NEW BALANCE	131,600.66

TAXPAYER IDENTIFICATION NUMBER	136-11-7748
TOTAL INTEREST PAID 1989 .....	.00

-----SAVINGS ACCOUNT ACTIVITY-----

DAILY BALANCE

DATE	AMOUNT	DATE	AMOUNT	DATE	AMOUNT
02/01	131,600.66				

INTEREST EARNING RATE

DATE	RATE	DATE	RATE	DATE	RATE
02/01	5.000				

Union Bank MEMBER FDIC

DIRECT INQUIRIES TO: 11015 SORRENTO VALLEY RD.
 SAN DIEGO, CA 92121
 619 230-4080

STATEMENT FROM 03/01/89
 THROUGH 03/31/89
 PAGE: 1
 CYCLE 30

056
 IEEE ICNN 1988
 3770 TANSY ST
 SAN DIEGO CA 92121-1509

0563872431

BANKING SERVICES SAVINGS

-----SAVINGS ACCOUNT 0563872431-----

PREVIOUS BALANCE 131,600.66
 INTEREST PAID THIS QUARTER 12/31/88 - 04/02/89 (+) 1,668.91
 SERVICE CHARGES (=)00
 NEW BALANCE 133,269.57

TAXPAYER IDENTIFICATION NUMBER 136-11-7748
 TOTAL INTEREST PAID 1989 1,668.91
 QUARTERLY AVERAGE BALANCE 131,600.00

-----SAVINGS ACCOUNT ACTIVITY-----

DATE	DEBITS	CREDITS	TRANSACTION DESCRIPTION
03/31		1,668.91	INTEREST PAYMENT
DAILY BALANCE			
DATE	AMOUNT	DATE	AMOUNT
03/31	133,269.57		

Union Bank

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11015 SORRENTO VALLEY RD.
SAN DIEGO, CA 92121

619 230-4080

STATEMENT FROM: 04/01/89

THROUGH: 04/28/89

PAGE: 1

CYCLE 30



056
IEEE ICNN 1988
3770 TANSY ST
SAN DIEGO CA 92121-1509

0563872431

BANKING SERVICES : SAVINGS

*
* WE'VE EXTENDED OUR HOURS: WE ARE NOW OPEN AT 9 A.M. WEEKDAYS.
* ON SATURDAYS WE ARE OPEN 9 A.M. TO 1 P.M. THANK YOU FOR
* BANKING WITH UNION BANK.
*

-----SAVINGS ACCOUNT 0563872431-----

PREVIOUS BALANCE 133,269.57
INTEREST PAID THIS QUARTER (+)00
SERVICE CHARGES (-)00
NEW BALANCE 133,269.57

TAXPAYER IDENTIFICATION NUMBER 136-11-7748
TOTAL INTEREST PAID 1989 1,668.91

-----SAVINGS ACCOUNT ACTIVITY-----

DAILY BALANCE

DATE	AMOUNT	DATE	AMOUNT	DATE	AMOUNT
04/03	133,269.57				

INTEREST EARNING RATE

DATE	RATE	DATE	RATE	DATE	RATE
04/03	5.000				

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DIRECT INQUIRIES TO:

11015 SORRENTO VALLEY RD.
SAN DIEGO, CA 92121

619 230-4080

STATEMENT FROM: 04/29/89

THROUGH: 05/31/89

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30M 05 1989



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BANKING SERVICES : SAVINGS

 *
 * WE'VE EXTENDED OUR HOURS: WE ARE NOW OPEN AT 9 A.M. WEEKDAYS.
 * ON SATURDAYS WE ARE OPEN 9 A.M. TO 1 P.M. THANK YOU FOR
 * BANKING WITH UNION BANK.
 *

-----SAVINGS ACCOUNT 0563872431-----

PREVIOUS BALANCE	133,269.57
INTEREST PAID THIS QUARTER (+) .....	.00
SERVICE CHARGES (-) .....	.00
NEW BALANCE	133,269.57
TAXPAYER IDENTIFICATION NUMBER	136-11-7748
TOTAL INTEREST PAID 1989	1,668.91

Union Bank

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DIRECT INQUIRIES TO: 11015 SORRENTO VALLEY RD. SAN DIEGO, CA 92121

STATEMENT FROM: 06/01/89 THROUGH: 06/30/89 PAGE: 1 CYCLE 30

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619 230-4080 CLOSED ACCOUNT

C 056 IEEE ICNN 1988 3770 TANSY ST SAN DIEGO CA 92121-1509

0563872431

BANKING SERVICES : SAVINGS

***** WE'VE EXTENDED OUR HOURS: WE ARE NOW OPEN AT 9 A.M. WEEKDAYS. ON SATURDAYS WE ARE OPEN 9 A.M. TO 1 P.M. THANK YOU FOR BANKING WITH UNION BANK. *****

-----SAVINGS ACCOUNT 0563872431-----

PREVIOUS BALANCE 133,269.57
1 DEBITS TOTALING (=) 134,682.63
INTEREST PAID THIS QUARTER 04/03/89 - 06/30/89 (+) 1,413.06
SERVICE CHARGES (=)00
NEW BALANCE00
TAXPAYER IDENTIFICATION NUMBER 136-11-7748
TOTAL INTEREST PAID 1989 3,081.97
QUARTERLY AVERAGE BALANCE00

-----SAVINGS ACCOUNT ACTIVITY-----

Table with columns: DATE, DEBITS, CREDITS, TRANSACTION DESCRIPTION. Includes entries for 06/19 interest payment and 06/19 closing withdrawal.

DAILY BALANCE

Table with columns: DATE, AMOUNT. Shows daily balances for 06/19 and 06/20.

INTEREST EARNING RATE

Table with columns: DATE, RATE. Shows interest earning rate for 06/19.



DIRECT INQUIRIES TO: 11015 SORRENTO VALLEY RD.
 SAN DIEGO, CA 92121
 619 230-4080

STATEMENT FROM: 10/01/88
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0561172917 11

BANKING SERVICES : INTEREST CHECKING

-----INTEREST CHECKING ACCOUNT 0561172917-----

PREVIOUS BALANCE 92,226.18
 4 DEPOSITS & OTHER CREDITS TOTALING (+) 10,688.27
 13 CHECKS & 2 EFT OR OTHER DEBITS TOTALING (-) 18,471.06
 INTEREST PAID THIS CYCLE 10/03/88 - 10/31/88 (+) 311.69
 MONTHLY SERVICE CHARGES (-)00
 NEW BALANCE 84,755.08

TAXPAYER IDENTIFICATION NUMBER 136-11-7748
 TOTAL INTEREST PAID 1988 867.66

-----INTEREST CHECKING ACCOUNT ACTIVITY-----

CHECK	DATE	AMOUNT	CHECK	DATE	AMOUNT	CHECK	DATE	AMOUNT
01399	10/03	120.00	01423	10/28	2,649.17	01427	10/04	235.00
01405	10/03	120.00	01424	10/04	50.00	01429	10/17	2,500.00
01406	10/04	48.50	01425	10/04	2,500.00	01430	10/19	3,000.00
01418	10/31	9,036.00	01426	10/04	3,000.00	01438	10/04	5.64
01421	10/13	706.75						

DATE	DEBITS	CREDITS	TRANSACTION DESCRIPTION	
10/03		10,000.00	TELEPHONE TRANSFER - CREDIT	1061014
10/05	2,500.00		REVERSAL OF CHECK OR OTHER DEBIT	2010993
10/05	3,000.00		REVERSAL OF CHECK OR OTHER DEBIT	2010993
10/07		15.00	DEPOSIT	1071563
10/07		20.00	DEPOSIT	1071562
10/07		653.27	DEPOSIT	1071562
10/31		311.69	INTEREST PAYMENT	1071563

DAILY BALANCE

DATE	AMOUNT	DATE	AMOUNT	DATE	AMOUNT
10/03	101,986.18	10/07	102,335.31	10/19	96,128.56
10/04	96,147.04	10/13	101,628.56	10/28	93,479.39
10/05	101,647.04	10/17	99,128.56	10/31	84,755.08

(CONT.)

CALIFORNIA
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DIRECT INQUIRIES TO: 11015 SORRENTO VALLEY RD.
SAN DIEGO, CA 92121
619 230-4080

STATEMENT FROM: 10/01/88
THROUGH: 10/31/88
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INTEREST EARNING RATE

DATE	RATE	DATE	RATE	DATE	RATE
10/03	4.000				



DIRECT INQUIRIES TO: 11015 SORRENTO VALLEY RD.
SAN DIEGO, CA 92121
619 230-4080

STATEMENT FROM: 11/01/88
THROUGH: 11/30/88
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BANKING SERVICES : INTEREST CHECKING

-----INTEREST CHECKING ACCOUNT 0561172917-----

PREVIOUS BALANCE 84,755.08
1 DEPOSITS & OTHER CREDITS TOTALING (+) 30,000.00
14 CHECKS & 0 EFT OR OTHER DEBITS TOTALING (-) 91,813.69
INTEREST PAID THIS CYCLE 11/01/88 - 11/30/88 (+) 191.14
MONTHLY SERVICE CHARGES (-)00
NEW BALANCE 23,132.53

TAXPAYER IDENTIFICATION NUMBER 136-11-7748
TOTAL INTEREST PAID 1988 1,058.80

-----INTEREST CHECKING ACCOUNT ACTIVITY-----

CHECK	DATE	AMOUNT	CHECK	DATE	AMOUNT	CHECK	DATE	AMOUNT
01404	11/07	14.86	01412	11/04	5,540.00	01417	11/09	5,312.00
01408	11/02	5,008.00	01413	11/08	3,640.00	01422	11/09	7,660.00
01409	11/18	5,350.00	01414	11/14	6,718.00	01428	11/30	29,579.83
01410	11/25	7,934.00	01415	11/14	4,590.00	01431	11/25	223.00
01411	11/14	3,906.00	01416	11/08	6,338.00			

DATE	DEBITS	CREDITS	TRANSACTION DESCRIPTION	
11/17		30,000.00	TELEPHONE TRANSFER - CREDIT	1060302
11/30		191.14	INTEREST PAYMENT	

DAILY BALANCE

DATE	AMOUNT	DATE	AMOUNT	DATE	AMOUNT
11/01	84,755.08	11/08	64,214.22	11/18	60,678.22
11/02	79,747.08	11/09	51,242.22	11/25	52,521.22
11/04	74,207.08	11/14	36,028.22	11/30	23,132.53
11/07	74,192.22	11/17	66,028.22		

INTEREST EARNING RATE

DATE	RATE	DATE	RATE	DATE	RATE
11/01	4.000				

**CALIFORNIA
FIRST BANK**



DIRECT INQUIRIES TO: 11015 SORRENTO VALLEY RD.
SAN DIEGO, CA 92121
619 230-4080

STATEMENT FROM: 12/01/88
THROUGH: 12/30/88
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BANKING SERVICES : INTEREST CHECKING

-----INTEREST CHECKING ACCOUNT 0561172917-----

PREVIOUS BALANCE	23,132.53
2 DEPOSITS & OTHER CREDITS TOTALING (+)	21,940.00
3 CHECKS & 0 EFT OR OTHER DEBITS TOTALING (-)	14,348.93
INTEREST PAID THIS CYCLE 12/01/88 = 12/30/88 (+)	126.58
MONTHLY SERVICE CHARGES (-) .....	.00
NEW BALANCE	30,850.18

TAXPAYER IDENTIFICATION NUMBER	136-11-7748
TOTAL INTEREST PAID 1988	1,185.38

-----INTEREST CHECKING ACCOUNT ACTIVITY-----

CHECK	DATE	AMOUNT	CHECK	DATE	AMOUNT	CHECK	DATE	AMOUNT
01420	12/22	9,074.00	01432	12/28	5,150.00	01434	12/19	124.93

DATE	DEBITS	CREDITS	TRANSACTION DESCRIPTION	
12/05		21,000.00	TELEPHONE TRANSFER - CREDIT	1110251
12/14		940.00	DEPOSIT	1061035
12/30		126.58	INTEREST PAYMENT	

DAILY BALANCE

DATE	AMOUNT	DATE	AMOUNT	DATE	AMOUNT
12/01	23,132.53	12/19	44,947.60	12/28	30,723.60
12/05	44,132.53	12/22	35,873.60	12/30	30,850.18
12/14	45,072.53				

INTEREST EARNING RATE

DATE	RATE	DATE	RATE	DATE	RATE
12/01	4.000				

DIRECT INQUIRIES TO: 11015 SORRENTO VALLEY RD. SAN DIEGO, CA 92121 619 230-4080

STATEMENT FROM: 12/31/88 THROUGH: 01/31/89 PAGE: 1 CYCLE 30

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BANKING SERVICES : INTEREST CHECKING

*
* HAPPY NEW YEAR! WE'VE ENJOYED SERVING YOU OVER THE PAST YEAR.
* THANK YOU FOR BANKING WITH CALIFORNIA FIRST BANK.
*

-----INTEREST CHECKING ACCOUNT 0561172917-----
PREVIOUS BALANCE 30,850.18
3 CHECKS & 0 EFT OR OTHER DEBITS TOTALING (-) 25,135.15
INTEREST PAID THIS CYCLE 12/31/88 - 01/31/89 (+) 66.87
MONTHLY SERVICE CHARGES (-) .00
NEW BALANCE 5,781.90
TAXPAYER IDENTIFICATION NUMBER 136-11-7748
TOTAL INTEREST PAID 1988 1,185.38

-----INTEREST CHECKING ACCOUNT ACTIVITY-----

Table with columns: CHECK DATE, AMOUNT, CHECK DATE, AMOUNT, CHECK DATE, AMOUNT. Rows include 01283 01/09 125.00, 01433 01/17 25,000.00, 01435 01/09 10.15

Table with columns: DATE, DEBITS, CREDITS, TRANSACTION DESCRIPTION. Row: 01/31 66.87 INTEREST PAYMENT

DAILY BALANCE

Table with columns: DATE, AMOUNT, DATE, AMOUNT, DATE, AMOUNT. Rows: 01/03 30,850.18, 01/09 30,715.03, 01/17 5,715.03, 01/31 5,781.90

INTEREST EARNING RATE

Table with columns: DATE, RATE, DATE, RATE, DATE, RATE. Row: 01/03 4.000

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DIRECT INQUIRIES TO: 11015 SORRENTO VALLEY RD.
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STATEMENT FROM: 02/01/89
 THROUGH: 02/28/89
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BANKING SERVICES : INTEREST CHECKING

-----INTEREST CHECKING ACCOUNT 0561172917-----

PREVIOUS BALANCE 5,781.90
 1 CHECKS & 0 EFT OR OTHER DEBITS TOTALING (-) 212.48
 INTEREST PAID THIS CYCLE 02/01/89 - 02/28/89 (+) 17.26
 MONTHLY SERVICE CHARGES (-)00
 NEW BALANCE 5,586.68

TAXPAYER IDENTIFICATION NUMBER 136-11-7748
 TOTAL INTEREST PAID 1989 84.13

-----INTEREST CHECKING ACCOUNT ACTIVITY-----

CHECK	DATE	AMOUNT	CHECK	DATE	AMOUNT	CHECK	DATE	AMOUNT
01375	02/07	212.48						

DATE	DEBITS	CREDITS	TRANSACTION DESCRIPTION
02/28		17.26	INTEREST PAYMENT

DAILY BALANCE

DATE	AMOUNT	DATE	AMOUNT	DATE	AMOUNT
02/01	5,781.90	02/07	5,569.42	02/28	5,586.68

INTEREST EARNING RATE

DATE	RATE	DATE	RATE	DATE	RATE
02/01	4.000				

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BANKING SERVICES : INTEREST CHECKING

-----INTEREST CHECKING ACCOUNT 0561172917-----

PREVIOUS BALANCE	5,586.68
1 CHECKS & 0 EFT OR OTHER DEBITS TOTALING (-)	190.00
INTEREST PAID THIS CYCLE 03/01/89 = 04/02/89 (+)	20.14
MONTHLY SERVICE CHARGES (-) .....	.00
NEW BALANCE	5,416.82

TAXPAYER IDENTIFICATION NUMBER	136-11-7748
TOTAL INTEREST PAID 1989	104.27

-----INTEREST CHECKING ACCOUNT ACTIVITY-----

CHECK	DATE	AMOUNT	CHECK	DATE	AMOUNT	CHECK	DATE	AMOUNT
01436	03/29	190.00						

DATE	DEBITS	CREDITS	TRANSACTION DESCRIPTION
03/31		20.14	INTEREST PAYMENT

DAILY BALANCE

DATE	AMOUNT	DATE	AMOUNT	DATE	AMOUNT
03/01	5,586.68	03/29	5,396.68	03/31	5,416.82

INTEREST EARNING RATE

DATE	RATE	DATE	RATE	DATE	RATE
03/01	4.000				

ENTER CORRECT NAME AND ADDRESS BELOW

NAME _____
 SECOND NAME (if joint account) _____
 MAILING ADDRESS _____
 CITY _____ STATE _____ ZIP CODE _____
 TELEPHONE _____ SOCIAL SECURITY # _____

TO RECONCILE YOUR CHECKBOOK TO BANK STATEMENT

Balance shown on BANK STATEMENT \$ 502.30
 Add Deposits NOT on Statement \$ _____

 Subtotal (1) \$ _____

Balance shown in YOUR CHECKBOOK at check # \$ _____
 Add Deposits NOT Recorded in Checkbook (include interest paid and Cash Reserve transfers) \$ _____

 Subtotal (3) \$ _____

List Checks or Withdrawals NOT on Statement

Ck. No.	Amount	Ck. No.	Amount
1437	\$ 50.00		
1322	42.30		
189	38.00		
115	23.00		
118	24.00		
125	12.00		
177	12.00		

List Service Charges and Other Bank Charges NOT in Checkbook (include Cash Reserve payments)

Amount	Amount
\$ _____	\$ _____
_____	_____
_____	_____
_____	_____

Subtotal (2) \$ 622.30
 BALANCE (subtract subtotal 2 from 1) \$ 113.00

Subtotal (4) \$ _____
 BALANCE (subtract subtotal 4 from 3) \$ _____

*These figures represent the amount of money you have in your account and SHOULD AGREE
 Please report any differences in the account to your branch of account IMMEDIATELY

FORM 1610 (REV. 2/79)

IN CASE OF ERRORS OR QUESTIONS ABOUT YOUR ELECTRONIC TRANSFERS -- If you think your statement or transaction acknowledgment statement is wrong or if you need more information about a transfer on the statement or acknowledgment statement, call your branch of account at the number indicated on the front of this statement during any business day, or write us at: Union Bank, Error Resolution Department M-515, P.O. Box 85640, San Diego, CA 92138-5640, as soon as you can. We must hear from you no later than 60 days after we sent you the FIRST statement on which the error or problem appeared. 1) Tell us your name and account number. 2) Describe the error or the transfer you are unsure about, and explain as clearly as you can why you believe there is an error or why you need more information.

3) Tell us the dollar amount of the suspected error. We will investigate your complaint and will correct any error promptly. If we take more than 10 business days to do this or 20 business days in the case of an Ultimate Card purchase, we will recredit your account for the amount you think is in error, so that you will have use of the money during the time it takes us to complete our investigation.

FEDERAL LAW BILLING RIGHTS SUMMARY

IN CASE OF ERRORS OR QUESTIONS ABOUT YOUR MERITLINE OR CASH RESERVE STATEMENT -- If you think your statement is wrong, or if you need more information about a transaction on your statement, write us on a separate sheet and mail it to the inquiry address shown on the front of your statement as soon as possible. We must hear from you no later than 60 days after we sent you the first statement on which the error or problem appeared. You can telephone us, but doing so will not preserve your rights. In your letter, give us the following information: 1) Your name and account number. 2) The dollar amount of the suspected error. 3) Describe the error and explain, if you can, why you believe there is an error. If you need more information, describe the item you are unsure about. You do not have to pay any amount in question while we are investigating, but you are obligated to pay the parts of your statement that are not in question. While we investigate your question, we cannot report you as delinquent or take any action to collect the amount you question.

MERITLINE OR CASH RESERVE FINANCE CHARGE CALCULATION -- The balance upon which a Finance Charge is imposed is your outstanding daily balance. To get the "outstanding daily balance" we take the beginning balance of your account each day, add any new advances or transfers (excluding unpaid finance or late charges), and subtract any payments or credits.

For your convenience, your monthly account statement provides the Average Daily Balance, which is the sum of your outstanding daily balances for the billing period divided by the number of days in the billing period. The "billing period" is the period beginning the first day after the last prior statement date and ending on the current statement date. The Finance Charge is computed by multiplying the Average Daily Balance by the number of days in the billing period.

Union Bank

DIRECT INQUIRIES TO:

11015 SORRENTO VALLEY RD.
SAN DIEGO, CA 92121

STATEMENT FROM: 04/01/89

THROUGH: 04/28/89

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BANKING SERVICES : INTEREST CHECKING

* WE'VE EXTENDED OUR HOURS: WE ARE NOW OPEN AT 9 A.M. WEEKDAYS.
* ON SATURDAYS WE ARE OPEN 9 A.M. TO 1 P.M. THANK YOU FOR
* BANKING WITH UNION BANK.
*

----- INTEREST CHECKING ACCOUNT 0561172917 -----

PREVIOUS BALANCE 5,416.82
INTEREST PAID THIS CYCLE 04/03/89 - 04/30/89 (+) 16.65
MONTHLY SERVICE CHARGES (-)00
NEW BALANCE 5,433.47

TAXPAYER IDENTIFICATION NUMBER 136-11-7748
TOTAL INTEREST PAID 1989 120.92

----- INTEREST CHECKING ACCOUNT ACTIVITY -----

DATE DEBITS CREDITS TRANSACTION DESCRIPTION
04/28 16.65 INTEREST PAYMENT

DAILY BALANCE

DATE AMOUNT DATE AMOUNT DATE AMOUNT
04/03 ... 5,416.82 04/28 ... 5,433.47

INTEREST EARNING RATE

DATE RATE DATE RATE DATE RATE
04/03 4.000

PLEASE EXAMINE AT ONCE. ERRORS SHOULD BE REPORTED AS SOON AS POSSIBLE. SEE BACK FOR ELECTRONIC FUND TRANSFER NOTICE, CASH RESERVE, MERITLINE® AND BALANCING INFORMATION.

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DIRECT INQUIRIES TO:

11015 SORRENTO VALLEY RD.
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STATEMENT FROM: 04/29/89

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BANKING SERVICES : INTEREST CHECKING

*
* WE'VE EXTENDED OUR HOURS: WE ARE NOW OPEN AT 9 A.M. WEEKDAYS.
* ON SATURDAYS WE ARE OPEN 9 A.M. TO 1 P.M. THANK YOU FOR
* BANKING WITH UNION BANK.
*

-----INTEREST CHECKING ACCOUNT 0561172917-----

PREVIOUS BALANCE 5,433.47
1 CHECKS & 0 EFT OR OTHER DEBITS TOTALING (-) 50.00
INTEREST PAID THIS CYCLE 05/01/89 - 05/31/89 (+) 18.40
MONTHLY SERVICE CHARGES (-)00
NEW BALANCE 5,401.87

TAXPAYER IDENTIFICATION NUMBER 136-11-7748
TOTAL INTEREST PAID 1989 139.32

-----INTEREST CHECKING ACCOUNT ACTIVITY-----

CHECK	DATE	AMOUNT	CHECK	DATE	AMOUNT	CHECK	DATE	AMOUNT
01437	05/15	50.00						

DATE	DEBITS	CREDITS	TRANSACTION DESCRIPTION
05/31		18.40	INTEREST PAYMENT

DAILY BALANCE

DATE	AMOUNT	DATE	AMOUNT	DATE	AMOUNT
05/01	5,433.47	05/15	5,383.47	05/31	5,401.87

INTEREST EARNING RATE

DATE	RATE	DATE	RATE	DATE	RATE
05/01	4.000				

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BANKING SERVICES : INTEREST CHECKING

*
* WE'VE EXTENDED OUR HOURS: WE ARE NOW OPEN AT 9 A.M. WEEKDAYS.
* ON SATURDAYS WE ARE OPEN 9 A.M. TO 1 P.M. THANK YOU FOR
* BANKING WITH UNION BANK.
*

-----INTEREST CHECKING ACCOUNT 0561172917-----

PREVIOUS BALANCE 5,401.87
1 DEPOSITS & OTHER CREDITS TOTALING (+) 133,269.57
2 CHECKS & O EFT OR OTHER DEBITS TOTALING (-) 109,716.44
INTEREST PAID THIS CYCLE 06/01/89 - 06/30/89 (+) 85.79
MONTHLY SERVICE CHARGES (-)00
NEW BALANCE 29,040.79

TAXPAYER IDENTIFICATION NUMBER 136-11-7748
TOTAL INTEREST PAID 1989 225.11

-----INTEREST CHECKING ACCOUNT ACTIVITY-----

CHECK	DATE	AMOUNT	CHECK	DATE	AMOUNT	CHECK	DATE	AMOUNT
01477	06/16	78,766.44	01475	06/16	30,950.00			

DATE	DEBITS	CREDITS	TRANSACTION DESCRIPTION	
06/14		133,269.57	DEPOSIT	3040238
06/30		85.79	INTEREST PAYMENT	

DAILY BALANCE

DATE	AMOUNT	DATE	AMOUNT	DATE	AMOUNT
06/01	5,401.87	06/16	28,955.00	06/30	29,040.79
06/14	138,671.44				

INTEREST EARNING RATE

DATE	RATE	DATE	RATE	DATE	RATE
06/01	4.000				



July 26, 1989

To: R. J. Marks II
From: R. C. Eberhart
Subject: IJCNN 1989 Finances

Attached as Appendix A is a 1989 IJCNN Conference Operating Budget prepared by Nick De Claris, Finance Chairman of the Conference. The total amount reflected in the budget is about \$418K. Upon review of the budget, it appears that two significant items do not appear in it. One is the cost of the Tutorial Presenters (\$66K); the other the reimbursement of travel expenses for Session Chairpeople and Conference Committee (\$30K maximum). With these two additions, the total budget appears to be about \$514K.

Attached as Appendix B is the Conference Budget approved by IEEE Headquarters shortly before the conference. The expense budget, when the \$40K advance to the 1990 conference is removed, is about \$547K (\$132.5K tutorials, \$414.7K remainder of conference).

On July 18, 1989, I reviewed conference expenditures in some detail with Nomi Feldman of Meeting Management in San Diego. A summary of all expenses known as of July 18, 1989 is summarized below by category corresponding to the Appendix A budget prepared by De Claris:

<u>Category</u>	<u>Total Expenses</u>
I	\$32,560
II	18,271
III	10,816
IV	49,273
V	57,500
VI	119,345 (includes \$66K for presenters)
VII	4,800
VIII	90,662
IX	15,090
X	21,700
XI	300
	30,000 (Maximum estimate of travel expenses)

TOTAL EXPENSES	\$450,317

There were only a few items for which actual cost figures were not yet available. Since the conference, on the whole, is under budget, we assumed that the unknown items would come in at the budgeted

amount. The unknown items were V.g. Security (\$1.5K), V.h. Local Arrangement (\$2K), and X.b. Committee Expenses At Conference (\$20.6K). These items are included in the \$450K total at the budgeted amount. Nomi and I believe that the total expense figure should be accurate to within about \$10K, although there may be a few last minute invoices received.

Attached as Appendix C is a summary of total income for the conference except for exhibit income. Appendix D lists all exhibit income as of July 17, 1989. These two income figures, \$565K and \$45K respectively, produce a total estimated income of about \$610K.

It should be noted that the 1988 ICNN made three cash advances to the 1989 conference: \$5,276, \$16,000 and \$25,000. This total of \$46,276 is not reflected above, either in income or expenses. To be more complete, then, the total income of the 1989 conference should be listed as about \$656K, and the total expenses as about \$496K.

After reviewing the items with Nomi Feldman, I met with Maureen Caudill, the Finance Chairman for the January, 1990, IJCNN, for which the INNS has the lead. She reviewed the figures, line item by line item, and compared them with the expense figures from the 1987 INNC and with the budget for January, 1990. She concluded that the expense figures looked complete; she couldn't think of any major expense categories that weren't accounted for.

It is therefore the opinion of the NNC Finance Committee, upon review of all available data, that the conference should show a surplus of approximately \$150K-\$160K.

Additionally, according to the conference records kept by Nomi Feldman, there is about \$10K in outstanding receivables for the 1989 conference at this time. The surplus could therefore be a few thousand dollars higher than the estimated amount because of these as yet uncollected funds.

The total amount of the three advances by the 1988 ICNN, \$46,276, should be returned immediately by the 1989 Finance Chairman via a check made out to the IEEE Neural Network Committee. The check should be sent either to Mel Olken at IEEE Headquarters, or to me. The money will go into established IEEE NNC accounts at Headquarters in accordance with IEEE NNC budgets.

As you know, any surplus amount from the 1989 IJCNN is to be divided 50-50 with the INNS. Since the conference proceeds are the lifeblood of the INNS, it is urgent to get their share to them as soon as feasible. The first IEEE financial report of the 1989 IJCNN is due three months after the event, on September 22, 1989. The NNC Finance Committee recommends that the INNS be paid their share, keeping perhaps \$10K in reserve, at that time.

Respectfully submitted,



R. C. Eberhart, Treasurer
IEEE NNC

Distribution:

WVonNordeck

GGaertner

RCEberhart

WSnyder

RJMarksII

TNagle

Conference Operating Budget

Date: 5/16/89

Categories	Operating (m.d.)		Actual (c.d.)		Delta Cost	Comments
	\$	Date	\$	Date		
I. Promotion						
a. Call for Papers						Completed
1. Mailing List	229.50		14.00	1/10/89	215.5	Invoice #3
2. Printing	1,880.70		1,919.26	1/10/89	-38.56	Invoice #3,#25
3. Postage and mail house	2,950.00		2,950.00	1/10/89	0	Invoice #3,#15ob
b. First Announcement				1/31/89		
1. Mailing Lists	5,000.00	1/15/89	5016.91	1/26/89	-16.91	Invoice #4
2. Printing	11,000.00		7079		3921	Invoice #4, #2, #10
3. Postage	10,200.00	1/27/89	9571.04		628.96	Invoice#4,#2,#10,#15ob
4. Mail Services	1,500.00		1387.58		112.42	Invoice #4, #2, #10
c. Second Announcement		3/15/89				
1. Mailing Lists	800.00		450.5	3/29/89	349.5	Invoice #11
2. Printing	6,000.00		1860.46		4139.54	Invoice #6
3. Postage	4,500.00	3/10/89			4500	
4. Mail Services	900.00				900	
d. Ads (Under the control of the promotion chairman)	8,000.00	1/30/89	2541	1/30/89	5459	Invoice #19,#21
	2541					
II. Administration: Communication and Correspondance						
a. Printing	1,200.00	2/15/89	659.65		540.35	Invoice #9,#20,#18,#27
1. Letterhead and Envelopes						
2. Confirmations (Letter and Information)	1341					
b. Postage						
1. Confirmations and mailing brochures	1,300.00				1300	
	1130					

18271
 32,520
 2442

APPENDIX A
 1361
 1130
 3780
 12000
 18271

1989 IEEE Neural Networks Council Document
 Robert J. Marks II Library Archive

Conference Operating Budget

Date: 5/16/89

Categories	Operating (m.d.)		Actual (c.d.)		Delta Cost	Comments
	\$	Date	\$	Date		
c. Telephone						
1. Meeting (Control: Nomi)	500.00				500	
2. Committee (Control: Conference Chairman)	3,000.00	3780			3000	
d. Management Contract	4,000.00	4000			4000	
e. Audit	5,000.00	5000			5000	
f. Finance Management	3,000.00	3,000.00			3000	J. McCausland
III. Proceeding Preparation				4/1/89		
a. Proceeding Papers						
1. Authors (forms)	3,000.00		733.61	1/10/89	2266.39	Invoice #3, #1
2. Mailing author kits	2,700.00	1/15/89	5246.93		-2546.93	Invoice #5, #3, #15
3. Confirmation to authors	250.00	2/10/89			250	
4. Mailing papers to reviewers (Fed-Ex)	1,000.00	2/3/89			1000	
5. Telephone (reviewers/authors)	300.00				300	
6. Temp - process papers (labor)	800.00	2/10/89	980	4/3/89	-180	Invoice #16
IV. Proceedings Printing (Control: Publication Committee)						
a. Program Preparation						
1. Preparation by Nomi	500.00	2/15/89			500	
2. Typeset and Printing	2,500.00	5/15/89			2500	
b. Printing of Proceedings	56,000.00	6/30/89	23000		33000	#20A

49,273
 2573
 10,816

2,573
 46,700
 49,273

Conference Operating Budget

Date: 5/16/89

Categories	Operating (m.d.)		Actual (c.d.)		Delta Cost	Comments
	\$	Date	\$	Date		
V. Meeting Expenses						
a. Registration Packet (w/o proceedings)						
1. Registration supplies (name badges, ribbons, packet/envelope, pens)	2,000.00	5/15/89	2000		0	Invoice #26
2. Tote bags ✓	12,000.00	6/1/89	4100		7900	#32 \$8,200
3. Tickets for social events, proceedings, announcements/changes	2,000.00	5/30/89	2000	5/15/89	0	Invoice #26
4. Final Program ✓	13,000.00	5/30/89		5/1/89	13000	7020 + typosetting 2,000
b. AV equipment and technicians	11,000.00	6/30/89			11000	4304.63 + 9631.79
c. Staff						
1. Last month temps	6,600.00	6/9/89			6600	6956
2. Registration on site ✓	12,100.00	6/19/89			12100	3089 + 1383
d. Signs	2,000.00	6/1/89			2000	
e. Freight to Washington	2,400.00		2400		0	Invoice #26
f. Rental Equipment (Typewriter)	500.00				500	
g. Security	1,500.00				1500	
h. Local Arrangement	2,000.00				2000	
i. Boards (Rental)	2,250.00				2250	1040.00
j. Supplies (pins, markers, etc)	500.00		500		0	Invoice #26
k. Printing (Schedule, locations, numbers)	200.00		200		0	Invoice #26

13,528
 4,000
 7,528
 + security
 + board

2017-5

Conference Operating Budget

Date: 5/16/89

Categories	Operating (m.d.)		Actual (c.d.)		Delta Cost	Comments
	\$	Date	\$	Date		
VI. Hospitality						
a. Coffee Breaks	36,000.00				36000	32,193.18
b. Welcome Reception	30,000.00				30000	10,423.80
c. Wednesday Party	80,000.00				80000	76,727.72
VII. Miscellaneous						
a. Petty Cash	1,200.00*				1200	
b. Contingency Fund	3,600.00*	684	3000	2/3/89	600	Invoice #15
VIII. Tutorial Management						
a. Printing books	12,000.00				12000	10,600
b. AV	3,050.00				3050	2990.70
c. Tutorial - preparations	2,000.00	1775			2000	
d. Signs	1,000.00	504			1000	
e. Supplies; printing floor plan	600.00				600	
f. Miscellaneous \$2000.00 Karen	350.00				350	
g. Coffee 2499.84						
h. Postage						

119,345

90,662

6312
5825
3500 min

Presenters 66249
Video tape 4000

1989 IEEE Neural Networks Council Document
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Conference Operating Budget

Date: 5/16/89

Categories	Operating (m.d.)		Actual (c.d.)		Delta Cost	Comments
	\$	Date	\$	Date		
IX. Exhibits Management						
a. Printing Exhibit Guide	3,500.00		152.31		3347.69	Invoice #8 2025
b. Decorator	3,500.00				3500	6864.73
c. Hotel Charge	6,000.00				6000	5390.80 + 542.60
d. Security	4,000.00				4000	3500
e. Printing announcements and marketing	1,000.00				1000	267
X. Committee Expenses						
a. Intermediate	1,000.00	2/15/89	400		600	#26A
b. At Conference	20,550.00				20550	
XI. Insurance and Bonding	300.00				300	
Total	417,710.20		78,162.25		339,547.95	

15090

Travel expenses 385,500
 22
 07

\$4K - Bonomo 954.10
 Haines 1,090.40
 Room Charge 1722.00
 Room Tax 172.20
 Occ. Tax 14.00

INCOME

REGISTRATION FEES	Quantity	Fee	Total
one day member	26	\$88.00	\$2288.00
student member	120	\$50.00	\$6000.00
student nonmember	74	\$75.00	\$5550.00
one day nonmember	35	\$110.00	\$3850.00
member early advance	200	\$152.00	\$30400.00
nonmember early advance	185	\$190.00	\$35150.00
member advance	470	\$192.00	\$90240.00
Misc.	0	0	\$0.00
nonmember advance	190	\$240.00	\$45600.00
member at conf	400	\$224.00	\$89600.00
nonmember at conf	300	\$280.00	\$84000.00
freebees	0	\$0.00	\$0.00
Total registrants	2000	Subtotal	\$392678.00
CONFERENCE PUB SALES			
To members	200	\$75.00	\$15000.00
To nonmembers	50	\$150.00	\$7500.00
To IEEE	50	\$40.00	\$2000.00
Total copies	250	Subtotal	\$24500.00
	300		
EXHIBITS			
Booths	50	\$900.00	\$45000.00
OTHER			
Interest			\$900.00
Page charges			\$1300.00
Advance from icnn88			\$40000.00
Subtotal			\$42200.00
TOTAL INCOME			\$504378.00

RECEIVED

MAY 22 1989

CONFERENCE SERVICES
 DEPARTMENT

EXPENSES

PROMOTION	Budget
Printing/call for papers	\$1700.00
Printing/advance program	\$24000.00
Mics.	\$0.00
Printing/final program	\$13000.00
Mailing lists/labels	\$6400.00
Postage and mailing	\$14000.00
Other (Ads)	\$8000.00
Attendee packet	\$12000.00
TOTAL	\$79100.00

CONFERENCE PUBLICATION	
Conference record printing	\$70000.00
Author kit printing	\$3000.00
Shipping	\$0.00
Other	\$8000.00
TOTAL	\$81000.00

EXHIBITS	\$12000.00
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MAY 22 1989

CONFERENCE SERVICES
DEPARTMENT

SOCIAL FUNCTIONS

(see attachment 1)

\$170000.00

ADMINISTRATION

Insurance and bonding

\$500.00

\$500.00

Security and guards

\$4000.00

Projection equip

\$8000.00

Management and secretarial

\$16000.00

Office equipment

\$1500.00

Printing forms, etc.

\$5000.00

Posters, signs, etc.

\$3000.00

Telephone, etc.

\$3000.00

Seed money to 90 conf

\$40000.00

Auditing

\$5000.00

Clerical and Finance

\$3000.00

Local arrangements

\$2000.00

TOTAL

\$91000.00

91,000

Committee Expenses

(See attachment 2)

\$21550.00

TOTAL EXPENSES

\$454650.00

454,650

TOTAL REVENUE

\$504378.00

CONFERENCE PROFIT

\$49728.00

49,728

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CONFERENCE SERVICES
DEPARTMENT

Dec 15, 1988

ATTACHMENT 1

SOCIAL FUNCTIONS (for 2000)

Reception	\$40000.00
Dinner	\$90000.00
Coffee breaks	\$40000.00

TOTAL \$170000.00

Dec 15, 1988
 TUTORIALS

INCOME

Registration	1500	120	\$180000.00
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ATTACHMENT 2

COMMITTEE EXPENSES

Amari travel	\$3600.00
Eckmiller travel	\$2800.00
Stubberud	\$3600.00
Snyder	\$4600.00
Hecht-Nielsen	\$1500.00
Glaser	\$1150.00
Hopfield	\$1150.00
Sejnowski	\$1150.00
DeClaris	\$1800.00
Werbos	\$200.00

TOTAL \$21550.00

EXPENSES

Speaker fees	13	6000	\$78000.00
Fees for large classes			\$20000.00
Video taping(to EAB)			\$4000.00
Audio-visual			\$2500.00
Other (signs,etc)			\$6000.00
Printing			\$10000.00
Tutorial committee			\$2000.00
Refreshments			\$10000.00

TOTAL \$132500.00

TUTORIALS PROFIT

\$47500.00

RECEIVED

MAY 22 1989

CONFERENCE SERVICES
 DEPARTMENT

Page 1

DATED DEPOSIT REPORT
 Neural Networks IJCNN 89

07/18/89
 07:42:33

Reg. # Name	Total Paid	<i>Tutorials</i> Pre-Meeting	<i>Conf.</i> Meeting	Post-Meeting	Event 1	Event 2	Event 3	Event 4	Event 5	Event 6
07/13/89										
1366 Farr, William H.	349.00	125.00	224.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1375 Sevart, Bernard B.	405.00	125.00	280.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total deposited for day	754.00	250.00	504.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Report Totals	754.00	250.00	504.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Deposited to date	573278.10	201324.00	371954.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Refunded to date	7898.00	4090.00	3808.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Net Deposited to Date	565380.10	197234.00	368146.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Outstanding to Date	8852.90	4000.00	4852.90	0.00						
Paid Registrations		685	1988	0						
Outstanding Registrations		14	27	0						
Total Registrations		699	2015	0						
Less Cancelled		18	32	0						
Total Paying Attendees		681	1983	0						
Plus Speakers		0	43	0						
Plus No Charges		2	11	0						
Plus Program Committee		0	9	0						
Total Attendees		683	2046	0						

LIST OF EXHIBITOR ENTRIES
 Neural Networks IJCNN 89

Exh #	Name	Due	Paid	Owes	Last Paid
✓ 6	Academic Press	450.00	450.00	0.00	04/24/89
✓ 7	Addison-Wesley Publishing Co.	900.00	900.00	0.00	04/24/89
✓ 8	AFCEA International Press	450.00	450.00	0.00	04/24/89
✓ 9	AI Ware	1600.00	1600.00	0.00	06/20/89
✓ 24	AI Week	600.00	600.00	0.00	05/05/89
✓ 27	Associated Dynamics	950.00	950.00	0.00	05/22/89
✓ 10	Cambridge University Press	450.00	450.00	0.00	04/24/89
✓ 1	Cognitive Software, Inc.	1600.00	1600.00	0.00	03/17/89
✓ 22	Excalibur Technologies	7600.00	7600.00	0.00	05/05/89
✓ 11	GRAEME Publishing Corporation	450.00	450.00	0.00	06/20/89
✓ 21	HNC, Inc.	6240.00	6240.00	0.00	05/04/89
✓ 31	Human Devices, Inc.	1900.00	1900.00	0.00	06/02/89
✓ 34	John Wiley & Sons, Inc.	600.00	600.00	0.00	06/20/89
✓ 12	Lawrence Erlbaum Associates, Inc	450.00	450.00	0.00	04/24/89
✓ 28	Micro Devices	1900.00	1900.00	0.00	05/22/89
14	Morgan Kaufman Publishers	450.00	450.00	0.00	06/20/89
15	Nestor, Inc.	1600.00	1600.00	0.00	04/24/89
16	Netrologic, Inc.	800.00	800.00	0.00	06/20/89
17	NeuralWare, Inc.	1900.00	1900.00	0.00	04/24/89
36	Neurix	950.00	950.00	0.00	06/20/89
32	Neuronics, Inc.	1900.00	0.00	1900.00	04/24/89
2	Olmsted & Watkins	800.00	800.00	0.00	04/27/89
38	Orincon Corp	950.00	950.00	0.00	06/20/89
30	Oxford Computer	950.00	950.00	0.00	06/20/89
23	Pergamon Press, Inc.	450.00	0.00	450.00	/ /
29	Phase Linear Systems, Inc.	950.00	0.00	950.00	/ /
18	Science Applications Intl Corp	3200.00	3200.00	0.00	06/20/89
19	Springer-Verlag New York, Inc.	600.00	600.00	0.00	04/24/89
25	Symbolics, Inc.	950.00	950.00	0.00	05/05/89
3	Syntonic Systems, Inc.	800.00	800.00	0.00	03/17/89
13	The MIT Press	450.00	0.00	450.00	/ /
4	The Schwartz Associates	450.00	450.00	0.00	03/17/89
33	Thermo Electron Technologies	950.00	950.00	0.00	06/20/89
5	Third Millennium Venture Cap'l	800.00	800.00	0.00	03/17/89
37	Triton Defense Group	950.00	950.00	0.00	06/20/89
26	Wolfram Research, Inc.	950.00	950.00	0.00	05/05/89
20	World Scientific Publishing Co	450.00	450.00	0.00	04/24/89
Totals		48390.00	44640.00	3750.00	

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990, 543-6061 or 543-2150
FAX: (206) 543-3842; marks@blake.acs.washington.edu*

July 18, 1989

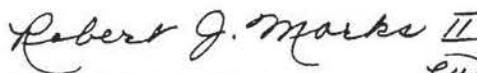
Annadru Conley
Director of Sales
San Diego Marriott Hotel and Marine
333 West Harbor Drive
San Diego, CA 92101-7709

Dear Annadru:

Enclosed you will find a signed copy of the IEEE Neural Networks Committee's (NNCs) contract with your facilities for the Summer 1990 International Joint Conference on Neural Networks. Please return to me a copy of the contract with your original signature.

We look forward to working with you for a successful conference.

Sincerely,

Handwritten signature of Robert J. Marks II in cursive, with the initials "ew" written below the signature.

Robert J. Marks II, Chair
IEEE Neural Networks Committee

RJM:ew
Encl.

cc: Professor Joseph Goodman, Conference Co-Chair
Professor Walter Kaplus, Conference Co-Chair
bc: Dr. Russell C. Eberhart, Treasurer



San Diego Marriott
Hotel & Marina

333 West Harbor Drive
San Diego, California 92101-7709
619/234-1500
Fax: 619/234-8678

July 14, 1989

Dr. Robert J. Marks II
Chairman
IEEE Neural Network Committee
Dept. of Electric Engineering
University of Washington
FT-10
Seattle, WA 98195

Dear Dr. Marks:

Thank you very much for your assistance in finalizing the plans for IEEE's Neural Network meeting next June. Needless to say, we are excited about hosting you and your associates and we look forward to working with Nomi Feldman, once again.

Since the original contract incorrectly reflected Nomi as the signator we have generated a fresh copy with your name instead of hers on the signature line. Please initial each page and sign it and we will convert the tentative to a definite. I believe Nomi told you that there is another group interested in these dates so we need to move pretty quickly.

In closing, thanks, again, for your working with us and I hope to meet you in the near future.

Best regards,

SAN DIEGO MARRIOTT HOTEL AND MARINA


Annadru Conley
Director of Sales

AC:gs



San Diego Marriott
Hotel & Marina

333 West Harbor Drive
San Diego, California 92101-7709
619/234-1500
Fax: 619/234-8678

SAN DIEGO MARRIOTT HOTEL & MARINA
CONTRACTUAL AGREEMENT

Third Full Revision - June 27, 1989

We are confident that the information listed below, while constituting an agreement between the San Diego Marriott Hotel & Marina and IEEE/ICNN, will be helpful to you and your staff in the planning of your final program. We believe, by specifying conditions and services relative to your IEEE/ICNN in advance, we can assure a professional program to the credit of both IEEE/ICNN and the San Diego Marriott Hotel & Marina.

ORGANIZATION: IEEE - INTERNATIONAL CONFERENCE ON NEURAL NETWORK

FILE NUMBER: L006903

CONTACT: Ms. Nomi Feldman
Vice-President
Meeting Management

ADDRESS: 8770 Tansy Street
San Diego, CA 92121

PHONE #: (619) 453-6222

FUNCTION/PROGRAM: 1990 International Conference

HEADQUARTERS HOTEL: SAN DIEGO MARRIOTT HOTEL & MARINA

OFFICIAL DATES: June 13 - (24), 1990

ANTICIPATED ATTENDANCE: 1,500+ ppl

ROOM NIGHT COMMITMENT: 800 rooms

ROOM NIGHT PATTERN:

DAY:	WED	THU	FRI	SAT	SUN	MON
DATE:	6/13	6/14	6/15	6/16	6/17	6/18
ROOMS:	5	25	410	720	800	770

DAY:	TUE	WED	THU	FRI	SAT	SUN
DATE:	6/19	6/20	6/21	6/22	6/23	6/24
ROOMS:	700	410	50	25	5	0


INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 2

We will monitor the room pick up for the years predceding your IEEE/ICNN in San Diego and alter the above block of rooms, if necessary, based on your actual room utilization. We will of course, consult you prior to making any changes in your room block.

SUITES: This room commitment includes the following suites:

<u>Suite Type</u>	<u># Held</u>	<u>Arrival Date</u>	<u>Departure Date</u>
Presidential Suite	1	Fri. 6/15/90	Thurs. 6/21/90
Hospitality Suite	10	Sat. 6/16/90	Wed. 6/20/90
Junior Suite	1	Fri. 6/15/90	Thurs. 6/21/90

CHECK IN/CHECK OUT TIMES

Our check-in time is 4:00pm; check-out is 12:00pm. Guests arriving before 4:00pm will be accommodated as rooms become available. Our Bell Captain can arrange to check baggage for those arriving early when rooms are not available and for guests attending functions on their day of departure.

GUEST ROOM RATES

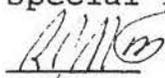
In anticipation of welcoming and serving the IEEE/ICNN, the San Diego Marriott Hotel & Marina is pleased to confirm the following group rates over the convention dates in June of 1990.

	<u>City View</u>	<u>Bay View</u>
Single Occupancy:	\$125 per night	\$138 per night
Double Occupancy:	\$135 per night	\$148 per night
Additional Person:	\$ 20 per night	\$ 20 per night
Suites:	\$300.00 - \$2,800.00 per night	

The above rates will be commissionable to Meeting Management at ten (10) percent.

STAFF ROOMS

We are pleased to set aside ten (10) City View rooms to be assigned expressly to your convention staff at a special rate of fifteen (15) percent less than the convention rate, or \$110.00. Special-rated rooms will not earn complimentary credits.


INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 3

TAX

All sleeping room rates are subject to the applicable taxes at the time of check-out. Currently, these taxes are 8% per night and are subject to change.

SPECIAL ACCOMMODATIONS

As a sign of the Hotel's sincere interest in hosting the IEEE/ICNN, we will be pleased to upgrade ten (10) rooms to our Concierge Level. These rooms will be available June 15 - (21), 1990.

COMPLIMENTARY ROOMS

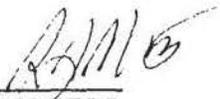
You will be entitled to one (1) complimentary room (unit) for every forty (40) rooms (units) actually occupied at the group rate. Should the block of rooms outlined in this agreement be 100% utilized, you would be entitled to ninety-eight (98) complimentary room nights. These room nights must be used during your actual convention dates and will be forfeited if not occupied.

A room night is one (1) room occupied for one (1) night, i.e., two (2) rooms occupied for three (3) nights equals six (6) room nights.

Suites are rated on a daily basis as follows:

Parlor Suite	=	2	Complimentary Units
Junior Suite	=	2	Complimentary Units
Executive Suite	=	4	Complimentary Units
Hospitality Suite	=	5	Complimentary Units
Presidential Suite	=	8	Complimentary Units
Manchester Suite	=	10	Complimentary Units
Marriott Suite	=	12	Complimentary Units
Admiral's Suite	=	14	Complimentary Units

The above suites are inclusive of one bedroom. Each additional bedroom added to the above suites will be equal to one (1) complimentary room unit.


INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 4

SPECIAL COMPLIMENTARY ARRANGEMENTS

We are pleased to offer you two (2) complimentary suites over and above our normal complimentary policy as well as one sleeping room.

<u>Suite Type</u>	<u>Arrival Date</u>	<u>Departure Date</u>
(1) Presidential Suite/ President of IEEE	Fri., 6/15/90	Thurs., 6/21/90
(1) Junior Suite/ Conference Coordinator	Fri., 6/15/90	Thurs., 6/21/90
(1) King Room/ Conference Assistant	Fri., 6/15/90	Thurs., 6/21/90

CUTOFF DATE

Thirty (30) days prior to your major arrival date, or May 15, 1990, we will release for sale the unused portion of your room commitment. Forty-five (45) days prior we will jointly review the unused portion of your block. If eighty percent (80%) of the total block is not picked up IEEE may guarantee, in writing, up to 10% but not less than twenty-five (25) rooms of the unreserved rooms. If IEEE does not wish to do so, all unreserved rooms will revert to the Hotel.

All reservations received within thirty (30) days of arrival will be accepted on a space available basis.

RESERVATIONS

It is our understanding that reservations will be made by reservation envelopes. The Hotel will provide envelopes three (3) times the number of guest rooms blocked on the peak night of your IEEE/ICNN. These reservation envelopes will be appropriately printed with the name of your meeting, rate and dates.

GUARANTEED RESERVATIONS

Reservation requests will be confirmed and guaranteed only if accompanied by one nights room deposit, or by the following major credit cards: American Express/Optimum, Carte Blanche, Diners Club, Master Card, Visa, or Discover Card with expiration date. The IEEE/ICNN may also guarantee room reservations.


INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 5

CREDIT ARRANGEMENTS

We understand that your attendees will be responsible for their own room, tax and incidental charges upon check out.

MASTER BILL & PAYMENT

It is our goal to maintain an accurate and updated Master Account on a daily basis. We would be pleased to have you review it with us each day which will help eliminate discrepancies as they occur. We will contact you to establish this daily appointment. Please note: We require 75% of the estimated Master Bill paid prior to departure.

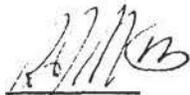
Our terms are immediate payment upon receipt of statement. In the event such payment is not made within 25 days after receipt of the original statement it is agreed that the hotel may immediately impose a LATE PAYMENT CHARGE at the rate of 1 1/2% per month (ANNUAL RATE 18%) or the maximum allowed by law, on the unpaid balance. Reasonable cost of collection, including attorney's fees, will also be assessed.

Disputed charges will be subtracted from the final statement and the remaining total must be paid according to the above schedule. Upon resolution, we will re-bill the remaining charges to IEEE/ICNN and these must be paid within twenty-five (25) days after receipt of statement.

FUNCTION SPACE (FUNCTION RESERVATION INFORMATION AGENDA)

The confirmation agreement includes the enclosed function information agenda which outlines the reserved space based on your requirements. Please review the program and advise us at this time of any changes or additional space needs. We will make every effort to accommodate your needs, provided space is available.

This function information agenda is considered part of this contract and should be signed and returned with this document. This contract may be considered invalid until we receive the signed agenda.


INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 6

SIGNAGE

Exhibits, displays, table set-ups and signs placed outside the Hotel's meeting rooms require prior written consent from the Hotel management and Fire Marshall, if applicable. This includes any pre-function or public space area.

FACILITY SERVICE CHARGE

Any facility service charges specified on the function information agenda are based on your agenda, as outlined. Any changes to this agenda may be subject to rate review and revision, if warranted.

In consideration of your overall scheduled Food and Beverage functions and projected number of guest rooms, we are pleased to waive the customary rental charge for meeting and banquet space. The above waiver is predicated on your detailed agenda of programmed activities and the indicated attendances. Any reduction greater than 25% of the indicated attendance figures or total cancellation of Food and Beverage functions highlighted below will nullify the above waiver:

- A. Sunday, June 17th: Reception - 1000ppl
- B. Wednesday, June 20th: Reception - 2000ppl

The waiver does not include space held and not used after the six (6) month point indicated above.

Also, any reduction in room pick-up (total number of rooms occupied) greater than 20% of the original room block of total room nights may call for the institution of the rental scale as outlined below:

<u>Total Number of Room Nights Actually Occupied</u>	<u>Room Rental Per Day (Multiplied by 4 Meeting Days)</u>
3136 - 3920	Complimentary
2744 - 3135	\$2,000.00 (\$ 8,000.00 Total)
2352 - 2743	\$2,500.00 (\$10,000.00 Total)
1960 - 2351	\$3,000.00 (\$12,000.00 Total)
Less than 1,960	\$4,000.00 (\$16,000.00 Total)


INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 7

AMPLIFICATION

We will provide a permanent P.A. system in each of our major meeting facilities. A microphone or one microphone patch will be made available on a complimentary basis in each room where necessary and where audio connections are available.

AUDIO-VISUAL COMPANY

Should you require any audio-visual equipment, we recommend the services of our in-house audio-visual firm:

Photo and Sound
7719 Convoy Court
San Diego, CA 92111
(619) 565-2345

IN-HOUSE EQUIPMENT

The hotel will provide at no charge, a reasonable amount of meeting equipment, i.e., chairs, tables, blackboards, etc. The complimentary arrangement does not include special setups or extraordinary formats that would exhaust our present in-house equipment to the point of requiring rental of an additional supply to accommodate your needs. If such is the case, we will anticipate it in sufficient time as to present two (2) alternatives: the rental cost to your group for additional equipment, or the change of the extraordinary set up to a more normal format, avoiding the extra cost.

FOOD AND BEVERAGE

Our catering specialists look forward to creating menus and special arrangements for your planned food and beverage functions.

We will confirm all catering prices six (6) months prior to your arrival date.

Presently, our minimum catering selections are as follows:

Continental Breakfast - \$ 6.75 per person
Sit-Down Breakfast - \$11.00 per person
Lunch - \$15.00 per person
Dinner - \$23.00 per person


INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 8

FOOD AND BEVERAGE (Continued)

These quotations do not include any applicable California tax currently at 7%, and a taxable service charge of 17%.

You will be assigned a Catering Manager who will coordinate all phases of your banquet requirements, and function as a liaison with our service staff.

ROOM SERVICE (Hospitality Suite Policy)

Please note that all food and beverage served in Hospitality Suites and Parlors, must be purchased from the Hotel's Room Service Department. In the event that food or beverage is brought to the Hotel from outside sources, the corkage charges noted in the Room Service Directory will be applied to your Master Bill. When an associated vendor utilizes a Hospitality Suite these corkage charges will be applied to their account.

CONVENTION SERVICE DEPARTMENT

You will be contacted by your Convention Service Manager eighteen (18) months prior to your meeting. They will review and finalize your overall program needs and assure that everything is in order for a successful convention.

PARKING CHARGES

Parking charges for in-house guests are currently \$7.00 per day. The current non-guest rate is \$4.00 for 0-10 hours and \$7.00 for 10-24 hours.

COMPLIMENTARY PARKING PASSES

10 Complimentary Parking Passes will be provided to IEEE/ICNN for Staff/VIP cars. They will be valid 6/13 - (22)/1990.

EXHIBITS

It is our understanding that the primary nature of your exhibit is commercial and your requirements are 80-90 8 x 10 exhibit booths and a to-be-determined number of poster displays.


INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 9

EXHIBITS (Continued)

Set Up

The programmed exhibit area will be available to you at 8:00AM on Sunday, June 17, 1990.

Dismantle Time

It is understood that the exhibit area portion of your convention will have terminated and be completely clear of the hotel by 5:00PM on Thursday, June 21, 1990.

Rental (Garage)

Rental for exhibit space is currently \$.40 per net* square foot utilized. This is a per-day charge and applies to the utilization of our exhibit area over the designated show dates. Your set-up and dismantle days will be charged at half this rate.

*Because it is difficult to determine square footage for poster displays, the total square footage of the area used for IEEE's Poster Session will be determined and \$.25 per gross square foot will be charged.

The above rates reflect definite pricing in 1990.

The above rental agreement includes:

1. The exhibit facility as programmed.
2. General hotel lighting, heating and ventilation.

The above rental agreement does not include:

1. Carpeting of the Exhibit Hall.
2. Drayage and placement of display equipment.
3. Decoration and related services.
4. Guard services.
5. Labor, i.e., carpenters, electricians and draperymen.
6. Storage of any exhibit related material.
7. Lighting and electrical power.
8. Gas or water supply.
9. A one-time maintenance charge of \$500.00 for aisle and individual booth cleaning throughout and after the exhibit show.


INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 10

FIRE CODE ADHERENCE

It will be necessary that four (4) copies of your proposed exhibit floor plans be submitted to the San Diego Fire Marshall, with a copy to both your designated drayage company and Convention Services Manager. To ensure we adhere to all prevailing fire codes and regulations, the exhibit floor plans must be submitted at least ninety (90) days prior to your show date.

EXHIBITOR'S CONTRACT

It will be necessary that a copy of your proposed exhibitor's contract be submitted to our Convention Service Department prior to its printing and distribution. The reason is to ensure that the IEEE/ICNN and the Hotel are protected and that your exhibitor's have received complete information and instructions, as well as rules and regulations, governing exhibits at the Hotel.

HOLD HARMLESS CLAUSE

We submit the following "Hold Harmless" clause, which is part of our exhibitor rules and regulation and must be incorporated in your contract with the decorating company you select.

"The exhibitor assumes the entire responsibility and liability for losses, damages and claims arriving out of injury or damage to exhibitor's displays, equipment and other property brought upon the premises of the Hotel and shall indemnify and hold harmless the Hotel, agents, servants and employees from any and all such losses, damages and claims."

DRAYAGE

Due to the layout of the Hotel, we are unable to store display material and/or show merchandise. At the conclusion of your set up operation, all related equipment, crates, etc., must be removed from the premises and returned no later than the last day of the exhibit show period.


INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 11

DECORATOR

We will be pleased to advise you of our recommended decorators and will acknowledge and cooperate with whomever you desire to function in this capacity.

CHANGES, ADDITIONS, STIPULATIONS OR LINING OUT

Any changes, additions, stipulations, or corrective lining out by the IEEE/ICNN will not be binding to the Hotel until such additions, clauses, or stipulations have been approved by means of a corrected contractual agreement by the hotel.

VIP BOARD OF DIRECTORS DINNER

As a special sign of the San Diego Marriott Hotel & Marina's appreciation in being host to IEEE/ICNN, the Hotel would like to host a VIP Board Dinner for 15 people during your convention.

IMPOSSIBILITY

Should events beyond the control of the hotel or IEEE/ICNN, such as strikes, acts of God or civil disturbances materially affect either party's ability to perform, this agreement shall be terminated without prejudice.

CANCELLATION POLICY

If the hotel is advised that this definite booking is cancelled, a cancellation fee will be assessed. This fee will be based upon the percentage shown below. The percentage will be calculated by multiplying the group guest room rate in effect at the time the cancellation is submitted by the total room nights blocked according to the contract.

<u>Notification of Cancellation Prior to Arrival</u>	<u>Percentage of Estimated Total Room Revenue</u>
0 - 90 Days	75%
91 - 180 Days	60%
181 - 365 Days	40%
366 - Confirmation of Agreement	20%


INITIAL

TO: Ms. Nomi Feldman
FROM: Annadru Conley
DATE: June 27, 1989
PAGE: 12

SECOND-OPTION DATES

A first-option commitment has been made to another organization over these dates. Every effort will be made to clear the existing option if you decide to confirm the above dates. To indicate your acceptance of this agreement, please initial each page and sign the enclosed copy as soon as possible. Once we have received the signed agreement we will request that the other group exercise its first-option. If they are unable to do so within three (3) working days, this contract will allow us to establish these arrangements on a definite basis and all conditions outlined in this contract will be final.

Annadru Conley
Director of National Accounts
SAN DIEGO MARRIOTT HOTEL & MARINA

Date



Robert J. Marks II
Chairman
IEEE Neural Network
Committee
7/17/89

Date



INITIAL

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990 (office), 543-6061 (secretary),
543-2150 (main office), 776-8995 (home);
(206) 543-3842 (FAX); marks@blake.acs.washington.edu

August 22, 1989

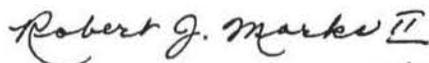
Professor Walter Karplus, General Co-Chair
IJCNN, Summer 1990
UCLA
3732 Boelter Hall
Los Angeles, CA 90024

Professor Joseph Goodman, General Co-Chair
IJCNN, Summer 1990
Stanford University
Dept. of Electrical Engineering
McCullough 150
Stanford, CA 94305-4055

Dear Joe and Walter:

The attached is for your information. Please note Nomi's new address.

Sincerely,



Robert J. Marks II, Chair
IEEE Neural Networks Committee

RJM:ew
Att.

cc: R. Eberhart, NNC Treasurer
L. Jobmann, IEEE Headquarters

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5665 oberlin drive
suite 110
san diego
california
92121

consultants
and coordinators

conferences
symposia

conventions
meetings

(619)
453-6222
fax (619)
535-3880

m e e t i n g m a n a g e m e n t

August 9, 1989

Prof. Robert Marks
Interactive Systems Design Lab.
Dept. of Electrical Eng./FT-10
University of Washington
Seattle WA 98195

Dear Bob:

Enclosed please find the IJCNN'90 contract with my signature on pages 7 and 9, as requested.

I am now working on the proposed budget for next year's meeting, and will submit it to Dr. Goodman, Dr. Karplus, Dr. Caulfield, and Dr. Eberhart as soon as it is ready. I will also have a cash flow schedule attached to this.

In response to your question regarding the San Diego Marriott room commission, I would anticipate that the commissions will be between \$35,000 and \$45,000. I will certainly provide you with a full report after the conference.

I am looking forward to working with you and the IJCNN Committee on the 1990 conference.

Cordially,



Nomi Feldman

NF:jw
Enclosure

R. Fiscal Responsibility (continued)

- d. An accounting of all bills paid, by Meeting Management, listed by category as indicated in the budget.
- e. IJCNN will advance \$15,000 as an initial payment for Conference operating expenses by July 15, 1989. The remaining Conference expenses will be submitted for payment as they become due.

S. Post Conference Activities

1. Maintain office address on a year-round basis, if desired, for late mail, inquiries, etc.
2. Save records for use for following year.

Compensation

The fee for the services listed in this Agreement shall be as follows:

\$16,000.00 for less than 500 registrants;

\$28,000.00 for more than 500 but less than 1000 registrants;

\$35,000.00 for more than 1,000 through 1,500 registrants, inclusive;

For every registrant above 1,500 IEEE IJCNN '90 will pay Meeting Management \$20 per registrant. Hotel room commissions will be applied towards the amount due; and

\$10,000.00 shall be paid on account upon your signing of this agreement, the remainder to be paid at the completion of the conference.

If the \$10,000 advance and room commissions exceed the stated fee, the overage will be returned to IJCNN '90 by Meeting Management.

RJM 7/29/89

Normi Feldman 8/8/89

Liabilities (continued)

- 3. If the conference cancellation occurs between the third and fifth months, inclusive, before the scheduled conference date, one-half of the \$35,000.00 fee for 1,000 to 1,500 registrants, and;
- 4. If the conference cancellation occurs less than three months before the scheduled conference date, the entire \$35,000.00 fee for the 1,000 to 1,500 registrants.

Form of Agreement

This agreement constitutes the entire agreement between the parties pertaining to the subject matter contained in it and supersedes all prior or contemporaneous agreements, representations, modifications and understandings of the parties. Any supplements, modifications or amendments of the agreement will be binding only if executed in writing by all of the parties hereto.

Terms approved and agreed to:

as amended on p. 7

Nomi Feldman

RJM/CF
7/29/89
8/8/89

Robert Marks II
Robert Marks, Chair
IEEE Neural Networks Committee

7/29/89
Date

Nomi Feldman
Nomi Feldman
Conference Coordinator

June 30, 1989
Date

*you copy?
unreadable*

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990, 543-6061 or 543-2150
FAX: (206) 543-3842; marks@blake.acs.washington.edu*

May 18, 1989

Ms. Mel Bonaviso
IEEE
345 E. 47th Street
New York, NY 10017
FAX: (212) 752-4929

Dear Ms. Bonaviso:

Since the IEEE Neural Network Committee (NNC) does not have a long financial history, we hereby accept the budget forecasted by IEEE for next year.

Sincerely,



Robert J. Marks II
NNC Chairman pro tem

RJM:ew

cc: Evangelia Tzanakou, NNC Secretary pro tem
Wes Snyder, NNC Treasurer

There are seven pages in this fax transmission including this one. The original is being mailed.

1989 IEEE Neural Networks Council Document

REPORT PROCESSED
04/10/89 RUN 0

IEEE S/C BUDGET FOR THE PERIOD ENDING DECEMBER 31, 1990
PROJECT: NEURAL NETWORK COMMITTEE
TABLE INFORMATION

PAGE 0.01.

DESCRIPTION	UNITS	PRIOR YEAR BUDGETS AND ACTUALS					1989 BUDGET	1990 IEEE FORECAST	
		-5	-4	-3	-2	-1			
INCOME PARAMETERS :									
PAGE CHG BILLING RATE	B \$/PG	95.00	110.00	110.00	110.00	110.00	110.00	110.00	
INTEREST ON RESERVES	B %	7.00	7.50	7.50	6.50	6.50	7.00	7.00	
STUDENT FEE	B %	\$5.00	50.00	50.00	50.00	50.00	50.00	50.00	
STUDENT OPTION PERIODIC	B %		75.00	75.00	75.00	75.00	75.00	75.00	
NO. OF FULL SUBS.	B	1019	996	996	996	996	991	991	
FULL SUBSCRIPTION RATE	B \$	2995.00	3295.00	3510.00	4035.00	4850.00	5500.00	5500.00	
SECTION LIBRARY RATE	B \$		680.00	720.00	765.00	800.00	800.00	800.00	
STUDENT CHAPTER RATE	B \$		390.00	420.00	450.00	460.00	500.00	500.00	
EXPENSE PARAMETERS :									
FULL SUBS. EXP. COMMITMENT	B K\$	300.00	300.00	300.00	340.00	340.00	340.00	340.00	
INDEXING CHARGE/IDX PAGE	B \$	185.00	190.00	195.00	200.00	200.00	230.00	230.00	
T/J FULLY EDITED	B \$/PG	35.09	37.55	39.90	42.50	43.00	43.00	43.00	
T/J AUTHOR/CAMERA READY	B \$/PG	4.39	6.28	6.65	7.08	7.10	7.10	7.10	
MAG FULLY EDITED	B \$/PG	39.50	49.50	59.50	65.00	67.00	75.00	75.00	
MAG AUTHOR/CAMERA READY	B \$/PG	4.94	8.25	9.92	10.83	11.10	12.50	12.50	
PUBLICATION ADMINISTRATION :									
-T/J/M PAGES	B \$/PG	2.80	3.05	3.28	3.50	3.90	4.49	4.49	
-T/J/M ISSUES	R \$/IS		175.00	188.00	200.00	218.00	251.00	251.00	
-NEWSLETTER	B \$/IS	210.00	225.00	250.00	265.00	280.90	322.00	322.00	
-CONF. RECORD	B \$/IS	500.00	545.00	585.00	625.00	680.00	695.00	695.00	
PAGE CHARGE FPNSE	B \$/PG	13.50	14.50	15.50	16.50	16.50	20.00	20.00	
HANDLG CHG PERFORM SUB	B \$	5.50	6.00	6.50	6.50	7.00	7.35	7.75	

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IEEE S/C BUDGET
FOR THE PERIOD ENDING DECEMBER 31, 1990

PAGE 0.02.

PROJECT: NEURAL NETWORK COMMITTEE
S/C FEE, MEMBER STATISTICS AND SURPLUS/RESERVE ANALYSIS

DESCRIPTION	UNITS	PRIOR YEAR BUDGETS AND ACTUALS					1989 BUDGET	1990	1990
		-5	-4	-3	-2	-1		IEEE FORECAST	S/C BUDGET
SOCIETY/MEMBER FEE	B \$/YR								
NO. MEMBERS, HIGHER GRADES	B								
	A								
NO. STUDENT MEMBERS	B								
	A								
NO. AFFILIATES	B								
	A								
TOTAL MEMBERSHIP	B								
	A								
JAN.1 RESERVES K\$	B K\$								
	A								
SURPLUS/DEFICIT K\$	B K\$							2.20	
	A								
DEC.31 RESERVES K\$	B K\$							2.20	
	A								
JAN.1 RESERVES/MEMBER \$	B \$/M								
	A								
DEC 31 RESERVES/MEMBRER \$	B \$/M								
	A								
SURPLUS AS % OF INCOME	B %							2.92	
	A								
SURPLUS AS % OF EXPENSE	B %							3.01	
	A								
SURPLUS AS % OF JAN.1 RES	B %								
	A								
DEC. 31 RES AS % OF INC.	B %							2.92	
	A								
DEC 31 RES AS % OF EXP.	B %							3.01	
	A								
RES AS % OF INCOME	B %						100.00	100.00	100.00
GUIDE (+/- 20%)	A								

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PAGE 0.03. 1

IEEE S/C BUDGET INPUT INFORMATION
FOR THE PERIOD ENDING DECEMBER 31, 1990
PROJECT: NEURAL NETWORK COMMITTEE
S/C MEMBERSHIP, FEES & PUBLICATION STATISTICS FOR : T-NN

DESCRIPTION	UNITS	PRIOR YEAR BUDGETS AND ACTUALS					1989 BUDGET	1990	1990
		-5	-4	-3	-2	-1		IEEE FORECAST	S/C BUDGET
ISSUES PER YEAR	ISSUES/YR							4	4
IEEE HDQ. EDITORIAL PRODUCTION :									
-FULLY EDITED	B PG/YR A							320	320
-AUTHOR/CAMERA READY	B PG/YR A								
-NONE	B PG/YR A								
MEMBER PERIODICAL RATE	B \$/YR							10.00	10.00
NON SOC MEM. IEEE RATE, N	B \$/YR							15.00	15.00
NM LIST PRICE	B \$/YR							75.00	75.00
MEMBER COPIES	B A							4000	4000
STUDENT COPIES	B A								
AFFILIATE COPIES	B A								
INDIV NM SUBS	B A								
PRINT RUN (COPIES/ISSUE)	B A							5000	5000
EST. PRINT COST PER PAGE	B \$							175.00	175.00

P PART OF MEMBER FEE. C COMBINATION RATE WITH _____
 O MEMBER CHOOSES ONE AS PART OF FEE.
 N NON SOCIETY OR NON SPONSORING SOCIETY BUT IEEE MEMBER RATE

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1989 IEEE Neural Networks Council Document
 IEEE Robert J. Marks II Library Archive
 FOR THE PERIOD ENDING DECEMBER 31, 1990
 NEURAL NETWORK COMMITTEE

PAGE 1 CODE 288

DESCRIPTION	ACCOUNT NUMBER	PRIOR YEAR BUDGETS AND ACTUALS					1989 BUDGET	1990 IEEE FORECAST	1990 S/C BUDGET
		-5	-4	-3	-2	-1			
INCOME									
TRANS & OTHER MAGS.									
NM ALL TRANS	B 8924214003							35.2	
	A								
TOT TRANS & OTHER M	B							35.2	
	A								
OTHER									
INT SOC TRF	B 8924900000							40.0	
	A								
TOT OTHER	B							40.0	
	A								
TOTAL INCOME	B							75.2	
	A								

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IEEE S/C BUDGET
FOR THE PERIOD ENDING DECEMBER 31, 1990
NEURAL NETWORK COMMITTEE

PAGE 2 CODE 289

DESCRIPTION	ACCOUNT NUMBER	PRIOR YEAR BUDGETS AND ACTUALS					1989 BUDGET	1990 IEEE FORECAST	1990 S/C BUDGET
		-5	-4	-3	-2	-1			
EXPENSES									
TRANS & OTHER MAGS									
COMPOSITION	B 9924214001 A							56.0	
INDEXING	B 9924226051 A							.8	
EDITORIAL H.Q.	B 9924226060 A							13.8	
PUB ADMIN	B 9924226061 A							2.4	
TOT TRANS & OTHER M	B A							73.0	
TOTAL EXPENSES	B A							73.0	

TOTAL OVERALL	B A							2.2	

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IEEE S/C BUDGET
FOR THE PERIOD ENDING DECEMBER 31, 1990
NEURAL NETWORK COMMITTEE

PAGE 3 CODE 290

DESCRIPTION	ACCOUNT NUMBER	PRIOR YEAR BUDGETS AND ACTUALS					1989 BUDGET	1990 IEEE FORECAST	1990 S/C BUDGET
		-5	-4	-3	-2	-1			
TOT TRANS & OTHER M B	A							35.2	
TOT OTHER	A							40.0	
TOTAL INCOME	B A	=====	=====	=====	=====	=====	=====	75.2	=====
TOT TRANS & OTHER M B	A							73.0	
TOTAL EXPENSES	B A	=====	=====	=====	=====	=====	=====	73.0	=====
TOTAL OVERALL	B A	=====	=====	=====	=====	=====	=====	2.2	=====

*six pages faxed
8/18/89*

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

*Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990 (office), 543-6061 (secretary),
543-2150 (main office), 776-8995 (home), 543-3842 (FAX).
marks@blake.acs.washington.edu*

8-15-89

Dr. Robert W. Newcomb
Microsystems Laboratory
Electrical Engineering Dept.
University of Maryland
College Park, MD 20742
FAX (301) 454-1837

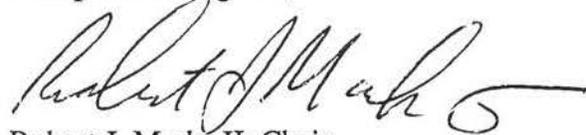
Dear Bob,

I write in response to your recent letter. The addresses you requested were sent to you by e-mail.

Attached is a letter from Bernie Widrow which contains the INNS appointees to the IOC. I am surface mailing you a copy of this correspondence along with some other items sent to me by Bernie Widrow. Bernie Widrow, as you know, wishes to have a IJCNN in France in summer 1990. If the IOC concurs, a proposal must come from the IOC to the NNC for its approval. There is a rich history in the development of this effort that we should talk about prior to the IOC meeting.

The Oversight Committee has met formally for an hour at the last IJCNN. No notes were taken. No formal motions were made.

Best personal regards,



Robert J. Marks II, Chair
IEEE Neural Networks Committee

cc: Anthony Ephremides, Division X Director *att. letter, not other items*
Evangelia Tzanakou, NNC Secretary *att. letter, not other items*
Laura Jobmann, IEEE *att. letter, not minutes, only other items*

THERE ARE SIX PAGES IN THIS FAX TRANSMISSION.
THE ORIGINAL IS BEING SENT BY SURFACE MAIL WITH ADDITIONAL MATERIAL.



INFORMATION SYSTEMS LABORATORY

Department of Electrical Engineering
STANFORD UNIVERSITY Stanford, CA 94305-4055

BERNARD WIDROW
Professor of Electrical Engineering
(415) 723-4949

August 9, 1989

Professor Bob Marks
University of Washington
Interactive Systems Design Lab.
Seattle, WA 98195

Dear Bob:

Thank you for your recent FAX messages. I will begin by answering the questions raised in your message of 7/30/89.

- I believe that you have been given copies of the INNS budget for the January 1990 IJCNN meeting, and that a copy also went to Nick DeClaris. Your earlier comments, I recall, seemed to indicate that this budget is an adequate one. It was drawn up by the Financial Chair, Maureen Caudill. She has done IEEE budgets before and knows the IEEE rules. With regard to the conference proceedings, the best publishing deal was obtained from Lawrence Earlbaum. The price was at least \$15K better than the IEEE price. The INNS Governing Board has voted to award the contract to Earlbaum. I discussed this prospect with Laura Jobmann and she had no problem with it but referred me to Pat Penick who is in charge of IEEE intellectual property rights. Pat would be most happy if we published with IEEE but said that it is OK to go with Earlbaum as long as Earlbaum will hold the copywrite. All of this is legitimate under IEEE rules, according to Pat Penick. She understood our interests in containing costs. I think that we have met all IEEE requirements. I would appreciate a FAX from you or a phone call ASAP to let me know if, in your opinion, you think that we are OK on these matters.

- We should be studying the INNS/IEEE agreement to see if modifications are in order. This should be done quite soon. To the best of my knowledge, both parties have adhered to this agreement and it seems to be working. Our meeting in June was a great success. The January IJCNN seems to be on target. We still have a few more days till deadline, and it looks as though we will have 500 papers submitted with 33% of them coming from overseas.
- I am sending to you, via Federal Express, copies of hotel contracts that have not yet been signed but are pending (we have first priority for the stated dates). These are from the Bonaventure Hotel in LA for March 17-21, 1991, and the Omni Shoreham Hotel in Washington, DC, for April 4-10, 1992. These contracts need to be approved by the INNS Board and your NNC, ASAP.
- I am proposing that INNS led meetings take place approximately February/March and that IEEE led meetings take place approximately August/September. This keeps our meetings optimally clear of NIPS and allows for future June meetings in Europe or Asia. If the summer IJCNN meeting were held in June, then the winter IJCNN meeting would need to be held in December. But this would conflict with NIPS and with Christmas and New Years. For these reasons I have made the above proposal. If there is a more practical solution, I would like to hear about it. It should be realized that someone will object to any set of times that might be chosen. We need to get this issue resolved by the Oversight Committee and NNC very soon. My suggested phasing has been brought before the INNS Board and, after discussion, was approved. This doesn't mean that we can't change phase, but the proposed phase made sense to a lot of people in the business.
- The Paris meeting is on track and will definitely take place July 9-13, 1990. I have been in contact with Laura Jobmann about this, and she has advised me on what to do to keep within IEEE rules. Most of this is concerned with keeping non-profit societies legal from the point of view of the IRS. Whether IEEE joins this meeting or not, I feel that it is very important for INNS to operate under IEEE rules. In any event, Laura has promised to look over the Thomson contract and check it to make sure that it obeys IEEE rules. I will send you copies of correspondence about this meeting and will do everything possible for IEEE to join in if and when it can.

- The INNS members of the IJCNN Oversight Committee are:

Bernard Widrow, Chair
Stanford University
Electrical Engineering Department
Durand Building, Room 139
Stanford, CA 94305-4055
Telephone: (w) (415) 723-4949 (h) (415) 857-9151
FAX: (415) 723-8473
e-mail: widrow@isl.stanford.edu

James Anderson
Brown University
Cognitive and Linguistic Sciences Department
Providence, RI 02912
Telephone: (w) (401) 863-2195 or (401) 863-2727
FAX: (401) 863-3700
e-mail: anderson@brownkog.bitnet

Leon Cooper
Brown University
Physics Department
Providence, RI 02912
Telephone: (w) (401) 331-9640
FAX: (401) 331-7319
e-mail: ph706009@brownvm.bitnet

Carver Mead
California Institute of Technology
Electrical Engineering Department
Pasadena, CA 91125
Telephone: w) (818) 356-6841
FAX: (818) 792-5873
e-mail: helen@csvax.caltech.edu

David Rumelhart
Stanford University
Psychology Department, Building 420
Stanford, CA 94305-2130
Telephone: (w) (415) 725-2457 (h) (415) 322-7385
FAX: (415) 725-5699
e-mail: der@psych.stanford.edu

These members, incidentally, comprise the Executive Committee of the INNS Governing Board. We have alternates for this committee when members cannot be present at meetings. The alternates are, in order of priority for service:

Demetri Psaltis
California Institute of Technology
Electrical Engineering Department
Pasadena, CA 91125
Telephone: (w) (818) 356-4856 (h) (818) 798-5466
e-mail: psaltis%sunoptics@csvax.caltech.edu

Terrence Sejnowski
The Salk Institute
CNL
P.O. Box 85800
San Diego, CA 92138-9216
Telephone: (w) (619) 453-4100, Ext. 611 (h) (619) 259-5184
FAX: (619) 552-8285

Bart Kosko
University of Southern California
Electrical Engineering Department
Los Angeles, CA 90089
Telephone: (w) (213) 743-6581 (h) (818) 330-5415
FAX: (213) 745-7284
e-mail: kosko@brand.usc.edu

Christoph von der Malsberg
University of Southern California
Computer Science Department
Los Angeles, CA 90089
Telephone: (w) (213) 743-5381
FAX: (213) 747-0820
e-mail: malsburg@yorick.usc.edu

Morris Hirsch
Department of Mathematics
University of California
1081 Evans Hall
Berkeley, CA 94720
Telephone: (w) (415) 642-4318
e-mail: hirsch@math.berkeley.edu

- Under the Chairmanship of Bob Newcomb, I expect the Oversight Committee to move forward! We have discussed the idea of doing research in the annals of IEEE to see if there are examples of by-laws of other Oversight Committees. By-laws should be kept few and simple, but we do need a secretary to take minutes; otherwise, decisions are almost meaningless. If you want to schedule a meeting, let me know. I will be out of the country during the month of September.

Sincerely,

A handwritten signature in cursive script, appearing to read "Bernie".

Bernard Widrow

BW:jd

MINUTES OF THE IEEE-NNC MEETING

June 18, 1989

Sheraton Washington Hotel, Washington, D.C.

R. J. Marks II presiding.

The meeting came to order. The following NNC members were present: F. Aldana, K. Bakhru, N. DeClaris, B. Dickinson, R. Eberhart, B. H. Juang, R. Marks, T. Nagle, E. Posner, H. Rauch, W. Snyder, E. Tzanakou; and five observers: M. Aronstein, M. Roth, P. K. Simpsun, R. D. Trueblood and A. Ephremides.

The agenda was discussed and approved. Minutes were approved as amended. One change was made, namely that R. Eberhart was an NNC member as of the Denver meeting.

A report on past accomplishments was given by R. Marks. These accomplishments included the agreement between the INNS and IEEE and the tentative approval of the IEEE Neural Networks transactions.

Troy Nagle reviewed the financial status of the 1988 conference. As of the end of April, the IEEE account had a \$25,500 balance with \$16,000 loan to this year's committee. Mr. Aronstein, Chairman of the San Diego Section, said that the books can be closed out soon.

The next item on the agenda was governance. T. Ephremides took nominations from the floor. R. Marks and F. Aldana were nominated for Chairman. They left the room so that elections could take place. R. Marks was elected Chairman. E. Tzanakou was nominated for Secretary. She was elected by acclamation. W. Snyder was nominated for Treasurer but declined. He then nominated R. Eberhart who was elected by acclamation.

The constitution of the Neural Networks IEEE Committee was then brought up for adoption as it appeared in the blue book (distributed). It was unanimously approved with minor corrections.

A proposed Constitution for the IEEE Council on Neural Networks was brought up for discussion. It was noted that this constitution would have to be presented to the technical activities board (TAB) and be approved by the NNC. Becoming a Council is the next step up the IEEE ladder. Because the NNC will be publishing a Transactions as well as running the IJNNG, it is appropriate that it becomes a council, a more formal organization. Proper campaigning with the TAB members was recommended.

A motion by H. Rauch (seconded by R. Eberhart) followed to proceed with the council status. All were in favor but one. T. Ephremides, H. Rauch and W. Snyder were then appointed as a subcommittee to "fine tune" the IEEE council proposal. The field interest was discussed at length. The above mentioned three member subcommittee will craft the version to be presented to the TAB. The same subcommittee will be reviewed by T. Nagle, then a mail vote will be taken by mid October. The motion was passed.

Herb Rauch then took the floor to discuss the upcoming Transactions. He passed out a description of the publication, a copy of which is attached as Appendix A. In addition to the twelve Associate Editors already suggested, two more Associate Editors, Scott Kirkpatrick and Erkka Oja were suggested.

Sections on papers, short papers and letters will be established. Papers and short papers will be reviewed identically, letters will undergo a different review process that facilitates quick publication. The scope of the Transactions was discussed, and several changes were suggested. The document will be mailed to the Editorial Board for suggestions and approval. A motion for the approval of the Associate Editors was made, seconded and approved.

The conference status was then brought up by Bob Marks. W. Snyder discussed the status of the IJCNN '89 conference. He said it is a "success" with three cost centers (exhibits, tutorials, and registration) all in the black.

A discussion followed that if needed, Bob Marks will write to Society presidents, on behalf of any individual member, requesting that the Society help cover expenses to the NNC meetings. It was moved (E. Aldana) that the Chairman of the NNC at his or her discretion, be able to help pay travel expenses of those who could not otherwise attend the meeting. The request for travel expenses must be made and approved in advance of the meeting. The motion was unanimously approved. At this point, another motion was made for the requirement of "in advance" of the previous motion, being removed for this year's meeting. The motion was unanimously approved.

A report of the Oversight Committee followed. Nick DeClaris reported on the 1990 and 1991 organizations and plans. He mentioned that tab #8 from the circular is withdrawn from consideration since a number of problems exist. Discussion took place as to who chooses the place of a conference and whether the Oversight Committee should have the power to make that decision and that decision being discussed by the NNC. The issues of how much ahead of time decisions should be made about locale and people running the conference were discussed. During the discussion about the '91 Conference a motion was made by R. Eberhart. The motion is that..."the oversight committee following this conference cannot hold or assume major leadership roles in the conferences while they are on the Oversight

Committee". After a long discussion -- sometimes very confusing-- the motion was passed (6 for it, 5 against it). The 1991 conference will take place in Seattle, (IEEE sponsored). A motion was placed by F. Aldana that "the five members of the Oversight Committee who belong to the IEEE-NNC should act as the meetings committee of the NNC." The motion passed unanimously.

T. Ephremides brought up the Region 10 meetings outside the U.S. and that TAB will match the amount that the societies will contribute for one or two representatives to these meetings. The current plan is one in India, one in Singapore and a couple in Australia. If we choose to participate in this series of colloquia we should designate one or two people to participate. R. Eberhart moved that up to \$5,000 be allocated as matching funds for this traveling to the IEEE Symposia in Asia. Motion was carried unanimously.

It was decided that the next meeting will be on Sunday, November 26, 1989 at 1:30 p.m. at the NIPS Meeting.

M. Aronstein brought up the issue of percentage interest for the San Diego section in the IJCNN '90 meeting. The issue was tabled.

The meeting was then adjourned.

**INFORMATION SYSTEMS LABORATORY**Department of Electrical Engineering
STANFORD UNIVERSITY Stanford, CA 94305-4055BERNARD WIDROW
Professor of Electrical Engineering
(415) 723-4949Date: August 9, 1989Number of pages (including this cover sheet): 2

Please give us a call (415-723-3164) if you did not receive the right pages.

TO:Name: Dr. Bernard Angeniol
Company: Thomson-CSF
Location: 1, Rue des Mathurins
92220 Bagneux, Paris, France
Phone: (33-1) 40-84-40-00
Facsimile no.: (33-1) 40-84-46-96**FROM:**Facsimile no.: (415) 723-8473
Name: Bernard Widrow
Company: Stanford University
Location: Information Systems Laboratory
Durand 139
Stanford, CA 94305-4055 U.S.A.
Phone: (415) 723-4949**MESSAGE:**



INFORMATION SYSTEMS LABORATORY

Department of Electrical Engineering
STANFORD UNIVERSITY Stanford, CA 94305-4055

BERNARD WIDROW
Professor of Electrical Engineering
(415) 723-4949

August 9, 1989

Mr. Bernard Angeniol
Thomson-CSF
1, Rue des Mathurins
9220 Bagneux
Paris
FRANCE

Dear Bernard:

I received your FAX. Congratulations on the acquisition of Kohonen as Program Chair. It looked as though for political reasons he didn't want to do it; but if he is agreeable, that's great!

I will proceed now to invite the people you suggested that I invite.

I have met V. I. Kryukow several times and have corresponded with him. I would be happy to invite him.

Where will the travel expense funds come from for all the people that I should invite?

I am looking forward to reviewing draft No. 11 of the contract and hope that this will be the final one.

Please give my best regards to Michel Denechere. It looks as though we are making great progress. I hope Nina is doing well!

Sincerely,

A handwritten signature in cursive script that reads "Bernard".

Bernard Widrow

BW:jd



INFORMATION SYSTEMS LABORATORY

Department of Electrical Engineering
STANFORD UNIVERSITY Stanford, CA 94305-4055

BERNARD WIDROW
Professor of Electrical Engineering
(415) 723-4949

July 31, 1989

Mr. Bernard Angeniol
Thomson-CSF
1, Rue des Mathurins
9220 Bagneux
Paris
FRANCE

Dear Bernard:

By following the "IEEE Rules" I am assured that INNS (which is a non-profit society like IEEE) will avoid all tax troubles in the future. Furthermore, by following these rules, I am leaving open the door for IEEE to join INNS and Thomson in doing the conference. I am being advised about IEEE rules by Ms. Laura Jobmann at IEEE Conference Services, (201) 562-3873. She is familiar with what we are doing and she has a copy of "draft No. 10: from Michel Denechere, which I sent to Bob Marks and he sent to Laura. She is a very helpful person, and I am sure that if you wished to talk with her, she would be delighted. Basically, she told me that INNS and IEEE cannot support the conference with money and can draw no money from it.

Following these rules as well as I can interpret them, I have made the following changes in our draft No. 10 contract:

Everything is OK up to Article 1.

Change Articles 1.1 (a) and (b) as shown in the enclosure. Please be advised that the cost of IEEE mailing labels will be small, and the cost of INNS labels will be zero.

1.1) INNS and IEEE will participate in the Conference as cooperating societies in the following manner:

-a) INNS and IEEE will make available to TH-SA, at cost, mailing labels from listing used for other IJCNN meetings (approximately 10,000 members) for the purpose of advertising the Conference. Brochures for the mailing will be furnished by TH-SA . Each advertising or announcement about the Conference will mention "INNS and IEEE cooperating societies sponsored by THOMSON-SA".

-b) INNS and IEEE will invite board members and other slected top scientists in the neural network field to participate as invited speakers at the conference. INNS and IEEE will seek authorization from the invited speakers to publish their names and short CV's in all documents or advertising for the Conference. The definitive list of the invited speakers will be provided by the Program Committee no later than September 1, 1989.

-d) INNS and IEEE will provide a table for a TH-SSA representative to advertise the Washington IJCNN conference in January 1990.

1.2) -d) Registration fees for student attendees will be one third that of professional people.

ARTICLE 5: TERM OF AGREEMENT

This Agreement shall commence on the date of its signature by Parties (INNS, IEEE and TH-SA), and shall terminate, at the latest, two months from the end of the Conference.

Delete Article 1.1 (c). I don't think that we need this. INNS cannot and will not do another meeting in Europe in 1990. The same is true for the IEEE Neural Network Committee. But we cannot control the other IEEE groups in Europe. Other meetings will happen, and we cannot stop them. We can only make our meeting the best of all.

Modify 1.1 (d) in accord with enclosure. We should avoid giving the impression that we are providing something of monetary value to the conference.

From there on everything is OK up to Article 3.

Delete Articles 3.3 and 3.4.

Delete Article 4.

Modify Article 5 in accord with enclosure.

Everything else is OK as it is.

Sincerely,

A handwritten signature in cursive script that reads "Bernie Widrow". The signature is written in black ink and has a long, horizontal flourish extending to the right.

Bernard Widrow

BW:jd

Attachment



THE WESTIN BONAVENTURE
Los Angeles

William P. Lucas
Managing Director

August 4, 1989

Dr. Bernard Widrow
Stanford University
Durand Building, #139
Palo Alto, CA. 94305

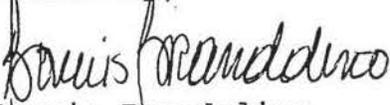
Dear Dr. Bernard:

The Westin Bonaventure is very excited to be under consideration for the International Neural Network Spring meeting in 1991. I have been working with Nomi Feldman of Meeting Management on the details for this conference. Nomi has asked that I forward the contract to both of you, as she is on vacation. Next week I will be in touch with her to review and discuss the details.

The Westin Bonaventure has the location, rooms and meeting space needed for this meeting. Most importantly we have a team of professionals dedicated to providing the best possible service to our groups! We therefore offer International Neural Network all the ingredients for a successful meeting.

Dr. Widrow, I look forward to working with you and Nomi to bring this prestigious meeting to The Westin Bonaventure.

Sincerely,


Bonnie Brandolino
National Sales Manager

BB/pt
661-2BB

cc: Nomi Feldman



THE WESTIN BONAVENTURE
Los Angeles

William P. Lucas
Managing Director

August 3, 1989

GROUP AGREEMENT

Group International Neural Network

Meeting Spring Meeting

Authorized Representative Dr. Bernard Widrow

Title President

Address Stanford University - Duran Bldg, #130
Palo Alto, California 94305

Phone (619) 453-6222

The Group named above desires to engage the facilities and services of the Hotel as headquarters, and the Hotel agrees to furnish facilities and services as stated in this Agreement to accommodate the International Neural Network

When signed by representatives of both parties, this Group Agreement will constitute a firm contract between the Group and the Hotel. Any changes to this Agreement must be in writing and signed by both parties.

GUEST ROOM BLOCK

The Hotel shall reserve for the International Neural Network the following Guest Room Block

<u>Day</u>	<u>Date</u>	<u>Guest Rooms</u>	<u>Total Guest Room Block</u>
Saturday	March 16, 1991	540	540
Sunday	March 17, 1991	882	882
Monday	March 18, 1991	900	900
Tuesday	March 19, 1991	900	900
Wednesday	March 20, 1991	837	837
Thursday	March 21, 1991	297	297
Friday	March 22, 1991	54	54
Saturday	March 23, 1991	0	0

International Neural Network Association

SUITES

Currently no suites are being held. However, the Hotel has capability of committing up to 66 suites.

ROOM BLOCK HISTORY

The Hotel and the Group will review on an annual basis the Group's guest room pickup for similar meetings. Necessary adjustments to the Guest Room Block will be agreed upon mutually. One year in advance of the convention, a final review will be made and, if necessary, the above Guest Room Block will be adjusted.

GUEST ROOM RATES

Listed below are the Hotel's published Guest Room Rates as of the date of this Agreement. These rates may be adjusted from time to time by the Hotel to reflect increases in the cost of operation. The Guest Room Rates applicable to the Group will be confirmed in writing by the Hotel not later than 1 year in advance of the arrival date.

<u>Rooms</u>	<u>Standard</u>	<u>Medium I</u>	<u>Medium II</u>	<u>Deluxe</u>
Single	\$130.00	\$140.00	\$160.00	\$175.00
Double/Twin	\$155.00	\$165.00	\$185.00	\$200.00
Suite	\$275.00	and	up	

These rates do not include the occupancy tax on guest rooms, which is currently 12%.

The Hotel will honor the confirmed rates for the Group for three (3) days prior and three (3) days after the meeting dates, based upon availability.

CUTOFF DATE

The Guest Room Block will be held until February 16, 1991. Reservation requests received after the Cutoff Date will be confirmed on a space-available basis. All rooms in the Guest Room Block for which no reservation requests have been received by the Cutoff Date will revert back to the Hotel for general sale at rack rates.

CHECK IN/CHECKOUT

The Hotel will make a reasonable effort to accommodate early arrivals prior to the Hotel's normal check in time of 3:00 p.m. Checkout time is 1:00 p.m. The Group agrees to advise its members of these times.

International Neural Network Association

HOUSING BY RESERVATION RETURN CARDS

The Hotel will provide the Group with reservation cards equal to two and one half (2½) times the number of Guest Rooms being held on the peak night as shown in the Room Block. If additional cards are required, a printing charge will be assessed.

COMPLIMENTARY CREDITS

For every fifty (50) Guest Rooms occupied by the Group, the Hotel will provide one (1) Complimentary Credit. The Hotel will provide Complimentary Credits based on the following formula:

Total Room Nights divided by 50
Equals Total Complimentary Credits.

For purposes of this Agreement, one (1) "Room Night" is defined as one (1) Guest Room occupied for one (1) night. In suites, where parlors take the place of two or more rooms, the actual number of modules used to make up the suites will be counted when determining Complimentary Credits.

Complimentary Credits may be applied to suite accommodations as follows:

<u>Type of Suite</u>	<u>Complimentary Credits Required</u>
Hollywood	2
Redondo	3
Laguna	3
Malibu	3
Pacific	5
Bunker Hill (3-Bedroom)	8
Huntington	10

All of the above Complimentary Credits are based upon one-bedroom suites with the exception of the Bunker Hill as noted.

MASTER ACCOUNT BILLING

At least thirty (30) days prior to the arrival Date, the Group shall notify the Hotel in writing of those guest rooms, meeting rooms, banquet and exhibit expenses which are to be charged to the Master Account. This notice shall also include the names of those persons who have the authority to post charges to the Master Account.

International Neural Network Association

All individuals not authorized to be billed to the Master Account will be responsible for their individual guest room accounts. Upon registration, guests will be asked to present a valid major credit card; American Express, Visa, Diners Club, MasterCard, Discover, Carte Blanche or Westin Hotel Card. Otherwise, a deposit in cash, check or travelers check in the amount of room, tax and parking for the duration of their stay will be required.

TERMS OF PAYMENT

Where credit has been established by our Credit Department, seventy-five percent (75%) of the Master Account will be paid prior to the Group's departure from the Hotel. The remaining twenty-five percent (25%) will be payable upon receipt of invoice. A **Finance Charge** is computed on account balances which are delinquent. The **Periodic Rate** is 1½% per month; the **Annual Percentage Rate** is 18%.

Where credit has not been established, all estimated charges must be paid prior to the Group's arrival as directed by our Credit Department.

PROGRAM

The Hotel will hold appropriate function space to accommodate the Program as outlined below. Please notify the Hotel immediately if there are any changes so necessary adjustments can be reviewed.

<u>Day</u>	<u>Date</u>	<u>Function</u>	<u>Time</u>		<u>Type of Setup</u>	<u>Attendance</u>
			<u>From</u>	<u>To</u>		
Sat.	03/16/91	Office	6:00 a.m.	24 Hour	Setup	
		Registration	6:00 a.m.	24 Hour	Setup	
Sun.	03/17/91	Office		24 Hours		
		Registration		24 Hours		
		Press	6:00 a.m.	24 Hours		
		Hospitality	6:00 a.m.	24 Hours	Rounds	
		Slide	6:00 a.m.	24 Hours		
		(9) Breakouts	8:00 a.m.	6:00 p.m.	Theatre	100ea.
		(5) Breakouts	8:00 a.m.	6:00 p.m.	Theatre	150ea.
		Exhibits	6:00 a.m.	24 Hours	Setup	
		Reception	6:00 p.m.	8:00 p.m.	Flow	1000ea.
General Session	8:00 p.m.	10:00 p.m.	Theatre	1500ea.		
Mon.	03/18/91	Office		24 Hours		
		Registration		24 Hours		
		Press		24 Hours		
		Hospitality		24 Hours	Rounds	
		Slide		24 Hours		
		Exhibit		24 Hours		
		(2) Breakouts	8:00 a.m.	5:00 p.m.	Theatre	1000ea.
		General Session	8:00 a.m.	10:00 p.m.	Theatre	2000ea.

International Neural Network Association

Tue.	03/19/91	Office	24 Hours		
		Registration	24 Hours		
		Press	24 Hours		
		Hospitality	24 Hours		Rounds
		Slide	24 Hours		
		Exhibits	24 Hours		
		{2} Breakouts	8:00 a.m. 5:00 p.m.	Theatre	1000ea.
		General Session	8:00 p.m. 10:00 p.m.	Theatre	2000ea.
Wed.	03/20/91	Office	24 Hours		
		Registration	24 Hours		
		Press	24 Hours		
		Hospitality	24 Hours		Rounds
		Slide	24 Hours		
		Exhibits	24 Hours		
		{2} Breakouts	8:00 a.m. 5:00 p.m.	Theatre	1000ea.
		Reception	6:00 p.m. 8:00 p.m.	Flow	2000ea.
General Session	8:00 p.m. 11:00 p.m.	Theatre	1500ea.		
Thu.	03/21/91	Office	24 Hours		
		Registration	24 Hours		
		Press	24 Hours		
		Hospitality	24 Hours		Rounds
		Slide	24 Hours		
		Exhibits	24 Hours		
		{2} Breakouts	8:00 a.m. 5:00 p.m.	Theatre	1000ea.
Fri.	03/22/91	Office	Until 12:00 Noon		
		Exhibits	Until 12:00 Noon		Teardown

The Hotel's Convention Services Department will contact the Group's Authorized Representative ten (10) months in advance of the meeting to update the above tentative Program. A final Program must be received six (6) months in advance of the meeting. At that time all unassigned space will be released and revert back to the Hotel. Due to potential changes in the number of people, setups, times and dates, the Hotel reserves the right to assign all public space. Appropriate function space will be assigned to meet the Group's requirements as outlined above.

COMPLIMENTARY PUBLIC SPACE

Based upon the Group's anticipated Guest Room requirements and the number of scheduled Food and Beverage functions, the Hotel will waive the room rental for the meeting facilities as outlined in the above program.

International Neural Network Association

However, the Hotel reserves the right to assess a rental charge if the Group's Guest Room pickup falls below 75% of either the contracted Guest Room Block on the peak night or the overall total room nights contracted, or the Group cancels a major scheduled Food and Beverage function. This rental charge will be negotiated between the Hotel and the Group no later than 30 days prior to the convention if the pickup is in question of reaching 75% of the Guest Room Block, and will be assessed if the pickup is not met.

The Hotel will provide complimentary theatre seating for all meetings. For schoolroom or classroom style setups, a one-time \$2.00 per person labor charge will be applicable. This charge will also apply should there be a major change in the setup of a meeting room after it has been set.

CONVENTION SERVICES DEPARTMENT

One year in advance of the meeting, a professional Convention Services Manager will be assigned to the Group. This person will serve as your principal contact with the Hotel for all aspects of the meeting including menus, function space assignment, and act as the Group's liaison with the Hotel.

EXHIBIT SPACE

The Hotel has reserved the Pasadena Room for the Group for exhibits from 6:00 a.m. Sunday, March 17, 1991 until 12 Noon Friday, March 22, 1991. The current rental is 50 cents per net square foot, per show day, with a minimum of \$5,000.00 per show day. There is no charge for move in or move out based upon the Group's show schedule. The rate includes use of the net bare space, air conditioning, lighting and normal electrical power. Any special requests for labor or additional electrical or other requirements will be billed accordingly to the Group. The rate applicable to the Group will be confirmed in writing one year prior to the arrival date.

CONTRACT REVIEW

A copy of the proposed exhibitors' contract will be submitted to the Hotel for approval prior to its printing and distribution to ensure that exhibitors receive complete information and instructions regarding rules and regulations governing exhibits at the Hotel.

ELECTRICAL

All electrical equipment displayed in the Hotel must meet the requirements established by the Los Angeles City Code. Any equipment not meeting the established requirements must have prior written approval for exhibition by the Los Angeles Department of Building and Safety Electrical Division.

International Neural Network Association

EXHIBITS AND EXHIBITIONS

The following language shall be incorporated as part of the Group's exhibitor contract: "The Exhibitor assumes the entire responsibility and liability for losses, damages and claims arising out of injury or damages to displays, equipment and other property brought upon the Hotel premises, and shall indemnify, defend, and hold harmless the Hotel, its owners, affiliated companies, agents, servants and employees from any and all such losses, damages and claims."

DRAYAGE

The Hotel is not able to store display material and/or show merchandise prior to, nor at the conclusion of the show. At the conclusion of the Group's setup, all related equipment, crates, etc., shall be removed from the Hotel premises no later than the last day of the contracted dates. A charge will be assessed to the Group for removal of any exhibit items left on the Hotel premises after 12 Noon Friday, March 22, 1991.

DECORATOR

The Hotel will be pleased to acknowledge and cooperate with the Group's chosen decorator, or will recommend a decorator.

DAMAGE TO HOTEL PREMISES

The Group accepts responsibility and agrees to pay for any damage, other than normal wear and tear to the Hotel premises, caused by the Group members or suppliers hired directly by the Group.

BANQUETS

Listed below are the Hotel's current prices for various food functions. The Hotel will confirm prices to the Group no later than four (4) months prior to the arrival date.

Breakfast (Continental)	From \$ 8.00
Breakfast (American)	From \$11.25
Luncheon	From \$15.50
Dinner	From \$20.75

LIFE SAFETY SYSTEM

The Hotel is acknowledged as one of the most advanced facilities with respect to fire detection and control systems. All areas of the entire hotel complex are completely equipped with sprinklers, smoke, and heat detectors. The Control Room is monitored by both staff and computer 24 hours a day, and has direct communication with the Los Angeles Fire Department. Detailed information is available.

International Neural Network Association

WESTIN HOTELS' FAMILY PLAN

Children 18 years of age or younger stay free of charge when occupying the same room with their parents or guardians. If more than one room is required to accommodate a family, the single guest room rate will apply to each room occupied.

PROMOTION/ADVERTISING

The Group shall not use the name, trademark, symbol or other proprietary designation of the Hotel nor Westin Hotels and Resorts in any advertising or promotional material without the prior written approval of the Hotel.

INDEMNITY/HOLD HARMLESS

The Hotel hereby covenants and agrees to indemnify and hold harmless the Group from any losses, damages, claims, expenses, or liability, including costs of defense thereof, for any claims or damages for injury to persons or property resulting from the use of the Hotel, if such injury is due to the negligence or intentional misconduct of the Hotel.

The Group hereby covenants and agrees to indemnify and hold harmless the Hotel, Westin Hotel Company, affiliated and subsidiary companies and their employees against and from any losses, damages, claims, expenses or liability, including the costs of defense thereof, for any claims or damages for injury to persons or property resulting from the use of the Hotel, if such injury is due to the negligence or intentional misconduct of the Group.

OPTION DATE

As the final selection process will be completed by October 30, 1989, the Hotel will continue to hold the above listed guest rooms and public space on a tentative basis until the Option Date. If prior to the Option Date, another group requests these meeting dates and is willing to confirm on a definite basis, an earlier decision will be required.

CANCELLATION

The performance of this Agreement by either party is subject to Acts of God, war, disasters, civil disorder, curtailment of transportation facilities and labor disputes making it illegal, inadvisable or impossible to provide the facilities or the hold the convention. It is provided that this Agreement may be terminated without penalty for any one or more of such reasons by written notice from one party to the other at the earliest possible time.

International Neural Network Association

Should the Group terminate this Agreement after signature the Hotel will require liquidated damages based on the following scale:

<u>Date of Cancellation</u>	<u>Liquidated Damages</u>
More than 2 years from arrival date	5% of Total Room Revenue
2 years - 1 year from arrival date	15% of Total Room Revenue
1 year - 6 months from arrival date	25% of Total Room Revenue
Less than 6 months from arrival date	50% of Total Room Revenue

The rate used to calculate the actual damages will be the minimum single rack rate prevailing at the date of cancellation. Damages will be paid to the Hotel within thirty days of cancellation.

CONCLUSION

As terms of this Agreement meet with the Group's approval, sign and return both copies of this Agreement, indicating that all arrangements as outlined are definite and confirmed. One copy will be countersigned by the Hotel and returned.

ACCEPTED:

Group

Authorized Signature

Name (Please Print)

Title

Date

ACCEPTED:

THE WESTIN BONAVENTURE, LOS ANGELES
Hotel

Authorized Signature

Name (Please Print)

Title

Date

OMNI SHOREHAM HOTEL

July 6, 1989

Professor Bernard Widrow, President
INTERNATIONAL NEURAL NETWORK SOCIETY
Room 139 Durand Building
Stanford University
Stanford, CA 94305-4055

Dear Professor Widrow:

The following serves as a letter of agreement between INNS and the Omni Shoreham in Washington, D.C. All arrangements are being held on a tentative basis and require your signature on the enclosed copy of this letter before the commitment can be finalized.

GUEST ROOM ACCOMMODATIONS

Saturday, April 4, 1992	70 Rooms
Sunday, April 5, 1992	400 Rooms
Monday, April 6, 1992	700 Rooms
Tuesday, April 7, 1992	700 Rooms
Wednesday, April 8, 1992	700 Rooms
Thursday, April 9, 1992	650 Rooms
Friday, April 10, 1992	150 Rooms

If your assigned room block includes suites, the Omni Shoreham Suite Policy guidelines will be reviewed with you prior to your convention.

Please note our check-in/check-out times of 3:00 p.m. and 12:00 Noon, respectively.

GUEST ROOM RATES

The Omni Shoreham will confirm net rates one year prior to the indicated arrival date. 1990 rates for your meeting would be:

Single: \$135
Double: \$155

The Omni Shoreham guarantees that these rates will not increase by more than 10% per year.

All rates are subject to the prevailing taxes at the time of your meeting. The current taxes are 11% District of Columbia Sales Tax and \$1.50 per room, per night, District of Columbia Occupancy Tax.

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July 6, 1989
Page 2

These rates are commissionable to _____
at 10% of the actual room revenue

COMPLIMENTARY POLICY

We are pleased to provide one complimentary guest room for each fifty paid rooms occupied during your visit. A guest room or mini-suite is equivalent to one guest room, a superior one-bedroom suite is equivalent to two guest rooms, a deluxe one-bedroom suite is equivalent to three guest rooms, a deluxe two-bedroom suite is equivalent to four guest rooms, and a presidential suite is equivalent to five guest rooms. Also, six staff rooms will be provided at a special rate.

RESERVATION PROCEDURES

(Please indicate preferred method)

All reservation requests must be accompanied by a first night's deposit in the form of a check, money order or major credit card number, including the cardholder's signature and expiration date of the card.

The Omni Shoreham requests any rooming list, including V.I.P.'s, staff and speakers, by March 5, 1992. This list should indicate full names of guests, arrival dates, departure dates, pairings for shared rooms and method of payment. Requests for accommodations received by our Reservations Department after the above date will be accepted on a space available and a rate available basis.

The Omni Shoreham will be pleased to provide 2100 postage-paid return reservation envelopes at no charge. Additional supplies may be purchased at a nominal cost. Please let us know the number you will require one month prior to the time you need them.

These envelopes, which request all pertinent reservation information from your guests, should be returned to the Omni Shoreham by March 5, 1992. Reservation requests received after this date will be accepted on a space available and a rate available basis.

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Page 3

In the event that you will be printing your own reservation form for housing requests, the Omni Shoreham must review and approve the printed copy prior to its distribution to your prospective attendees. The Omni Shoreham can provide reservation form samples to assist you with developing a copy. There is a set of basic requirements, including payment methods, late arrival guarantees, and your reservation cut-off date of March 5, 1992, which must appear on your form. Of course, reservation requests after the cut-off date will be accepted on a space available and a rate available basis.

It is our understanding that some reservations will be telephoned directly to the Omni Shoreham Reservations Department. In order to receive the preferred rates for which you are contracting, telephone requests must identify their affiliation with INNS. Rates cannot be changed at check-in or check-out for guests who fail to identify their affiliation at the time the reservation is requested. Reservation requests received after March 5, 1992 will be accepted on a space available and a rate available basis. Requests must go directly to the Omni Shoreham at (202) 234-0700. Preferred rates and space in your block of rooms cannot be confirmed through any (800) toll-free service.

We also request that you place the Omni Shoreham on your mailing list for any correspondence that is sent out pertaining to this meeting so that we can be better informed of your meeting and organizational needs.

FUNCTION SPACE ARRANGEMENTS

Sunday, April 5, 1992

Several rooms for tutorials and office areas.

Monday, April 6, 1992 through 5pm Friday April 10, 1992

8am-5pm ALL SPACE HOLD (all meetings set theatre style)

INNS will be given first option on any space before it is sold to another group. This agreement will hold until nine months prior to the start of your meeting, at that time any unused space will revert back to the hotel for sale.

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Page 4

Meeting space will be held for your use on the "official" dates of your convention, beginning at 8:00 a.m. on the first day and ending at 5:00 p.m. on the last day as outlined in the contract and contingent upon the following conditions:
All daytime meeting space (8:00 a.m. - 5:00 p.m.) will be held until nine months prior to your convention, pending receipt of your daytime program outlining your actual needs.

The Blue Room will be released for the Hotel's use nightly at 5pm. the Regency Ballroom will be held for INNS use starting 8am-5pm Monday, April 6, 1992 through 5pm Friday, April 10, 1992.

Space will be allocated for pre- and post-convention meetings as needed and based on availability. However, you must advise us of your requirements at this time or the hotel can not assume responsibility for providing this space.

The INNS agrees to Hold Harmless Omni Hotels and the Omni Shoreham, et al, from any and all damages or destruction including theft or mysterious disappearance to any and all equipment owned by or leased to INNS.

Based on your anticipated guest room pick-up and the number of scheduled food and beverage functions there will be a no charge for the use of the above-noted function facilities. Function space rental is predicated on the overall estimated revenue for the requirements you have outlined. Increases in meeting room requirements of negative variances in guest room revenue or food and beverage revenue which exceed 15% of what is outlined above is reasonable cause for the reassessment of the function space terms of this agreement. Based on your guest room pick-up at the time of the reservation cut-off, the function space commitment is subject to review.

EXHIBIT SPACE

The Omni Shoreham has reserved the Exhibit Hall to accommodate up to 150 booths and posters. The following time frames and rental fees have been structured:

Move in 8am Sunday, April 5, 1992. Move out by 5pm Saturday, April 11, 1992. Rental will be established one year prior to your meeting.

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July 6, 1989
Page 5

Rental charges include exhibit space as outlined above, standard lighting, heating and ventilation. Rental charges do not include drayage, decoration, security services, labor or storage of display materials and show merchandise prior to and following scheduled exhibition.

Due to storage space limitations, display materials sent directly to the Omni Shoreham must be returned to the shipper. Storage space will be made available for conference materials only. Charges for the use of electrical power lines, spot lighting, water, etc., will be quoted upon request to our Director of Engineering Services.

The INNS agrees to Hold Harmless Omni Hotels and the Omni Shoreham, et al, from any and all damages or destruction including theft or mysterious disappearance to any and all equipment owned by, leased to or utilized by INNS or any of its exhibitors.

CONVENTION COORDINATION

Conventions at the Omni Shoreham are extremely successful due to the full time attention given by our Convention Service Managers. These managers will be responsible for maintaining an excellent rapport with the Meeting Planner and will assist him in coordinating all arrangements made with the hotel. This kind of service and cooperation assures a smooth running, successful convention. The entire job of our Convention Services Managers during your stay will be to tend to your every need.

AUDIO VISUAL

We commend Swank, Inc. as your official Audio Visual Representative.

Contact:

Rodney West
Regional Manager
2500 Calvert St, NW
Washington, DC 20008
(202) 332-8188

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Page 6

EXHIBITS/DECORATORS

We recommend Andrews Bartlett and Associates as your official Show Service Representative.

Contact:

Mark Salesses
Sales Manager
8430 Terminal Road
Lorton, VA 22079
(703) 550-8503

CATERING

Whether serving 10 guests in an intimate dining atmosphere or 1,700 in our grand Regency Ballroom, our professional catering staff has some exciting ideas in store for you . . . ask them about our special theme parties.

PUBLIC RELATIONS

Our Public Relations Department publishes a monthly calendar of events highlighting the newsworthy aspects of your meeting or convention. This is distributed to 75 key contacts of the Washington based national and area media including wire services, New York Times, Time, Newsweek, network television news bureaus and trade publication sources. Deadline for information to be included is two weeks in advance of the month of your meeting.

More extensive public relations services can be arranged, if desired, through our public relations consultant, Arnold Fine & Associates at (202) 462-8775.

SIGNS, BANNERS AND DISPLAYS

No signs, banners and displays shall be erected or displayed in any part of the hotel without the approval of the Convention Service Manager. It is further agreed that no sign, banner or display shall be affixed to any part of the hotel. The hotel will be happy to provide easels for this purpose.

INNS 1994
July 6, 1989
Page 7

FOOD AND BEVERAGE

Because of our legal liability for all food and beverage served on our premises as well as licensing restrictions, our policy requires that only Omni purchased food and beverages be served on the hotel property. Being accountable for food and beverage origins, conditions and transportation, we will make every effort to meet our responsibilities in the protection of their health and safety.

OMNI SUCCESSFUL MEETING GUARANTEE

At the Omni Shoreham, we not only do our best to make your meeting smooth running and trouble free . . . we guarantee it. Of course, we want the chance to put things right first. But if we fail to satisfy your needs, we will adjust your bill accordingly! That's our Successful Meeting Guarantee -- an Omni tradition for over 15 years.

CREDIT AND BILLING ARRANGEMENTS

By 30 days prior to arrival, the Omni Shoreham must receive a detailed set of billing instructions on INNS letterhead. Instructions must include: (1) the name and address of the person responsible for payment of the master account, (2) the names of additional people authorized to sign master account charges, and (3) a list of charges which you expect to be posted to the master account, including any specified guest rooms or individual incidental charges. Unless otherwise indicated, it is assumed that individual guests will be responsible for their own guest room and incidental charges.

Since we do not have an established line of credit for you at the Omni Shoreham, we require the completion of the enclosed credit application form. This form should be completed in full and returned with the signed contract.

In the event that the Credit Application is declined for any reason, 50% of the estimated master account is due 30 days prior to arrival. The final balance is due by Certified Check no later than 48 hours prior to check-in.

Payment of the master account is due within 30 days of your receipt of the reconciled bill.

INNS 1994
July 6, 1989
Page 8

CANCELLATION

This agreement will bind INNS and the Omni Shoreham to the preceding terms. It is provided that there shall be no right of termination for the sole purpose of holding the same or reasonably similar function in another hotel or in another city. Should cancellation occur, INNS will be responsible to pay for the unsold portion of the peak night's room revenue. Reasonable causes for termination include: acts of God, war, government regulation, disaster, strikes, civil disorder, curtailment of transportation facilities, other emergencies as mutually agreed.

Any controversy or claim pertaining to the cancellation of this contract, which cannot be acceptably negotiated by both parties, shall be settled by arbitration in accordance with the rules of the American Arbitration Association. Judgement upon the award rendered by the arbitration may be entered in any court having jurisdiction thereof.

INNS 1994
July 6, 1989
Page 9

OPTION

We will hold these dates until August 15, 1989 at which time we will need a signed copy of this agreement from you verifying your confirmation. The Omni Shoreham further agrees that acceptance of these dates in lieu of the September 90/January 92 dates totally releases INNS from any financial obligation to the Omni Shoreham for cancelling the September 91 dates currently booked definite.

We look forward to the privilege of hosting the INNS in 1992. Please do not hesitate to provide any further information or to pose any questions which may help us to serve you better.

Sincerely,
for THE SHOREHAM HOTEL LIMITED PARTNERSHIP
dba Omni Shoreham Hotel
By Omni Hotels Management Corporation, its Agent



Philip Hollywood
Senior Sales Manager

I hereby accept the above stated terms and conditions, and further warrant I have the authority to sign on behalf of INNS:

Name

Title

Date

TELETYPE

Destinataires :

Bernard WIDROW

(14) 1 415 723 84 73

 IMMÉDIAT URGENT ROUTINE

Origine :

Service	DSE/DILS/SIA
Rédacteur	B. ANGENIOL
N° Téléphone	(33).1.40.84.42.39
N° Télécopie	(33).1.40.84.46.96
Référence	DSE/SILS/SIA - 173/89
Date	August 9th, 1989

Objet :

*From Bernard Angeniol
to B. Widrow*

Dear Bernard,

After long negotiations with T.Kohonen, he finally accepted to be the chairman of the Program Committee. Moreover, he accepted the suggestions I made for the Program Committee and the Chair Committee. It is time now to proceed and to invite people to be members of the program committee or to chair or co-chair a session.

I will do the job for all the European people, except perhaps for V.I. Kryukow (USSR) whom I do not know (I don't have his phone or fax numbers). I will call Yan Le Cun.

I would like you to contact the American people and also the two Japanese (Fukushima and Amari) whom you know better than I do.

It has to be clear that the travel expenses (trip only) of these people will be reimbursed, but that to be chairman or co-chairman of a session implies to have to review and accept the papers (or to have them reviewed by somebody else). I join a list of people you have to contact to avoid any misunderstanding.

.../...

SOH-WATTEL: 09/08/89

DSE/DILS/SIA - 173/89

P.2/3



The five people it is very urgent to contact are :

- . L. COOPER (To be member of the Program Committee and to chair or co-chair a session in the Commercial part).
- . C. VON DER MALSBURG (Program Committee Implementation chair).
- . D. RUMELHART (Program Committee Implementation chair).
- . T. SEJNOWSKI (Program Committee Applications chair).
- . S.I. AMARI (Program Committee Theory chair).

since the Program Committee has to be publicized very soon.

The next people to contact are the following :

- . F. FUKUSHIMA (Applications chair)
- . J. HINTON (Applications chair)
- . C. MEAD (Implementation chair)
- . D. PSALTIS (Implementation chair)
- . V.I. KRYUKOV (Implementation chair)
- . S. GROSSBERG (Theory chair)
- . J. ANDERSON (Theory chair)
- . J. HOPFIELD (Theory chair)
- . C. ELBAUM (Commercial chair)
- . L. JACKEL (Commercial chair)
- . R. HECHT-NIELSEN (Commercial chair)

Please, let me know, as regulary as possible, the names of those who have accepted and those who refused.



I agree that J. BARHEN and P. BALDI can chair or co-chair a session but I suggest to use them as substitutes to the ones who will not accept.

I will contact all the European people (unfortunately, many of them are on holidays), and will keep you informed of the results.

Good luck,



Bernard

P.S. : 1 - T. KOHONEN asked that I. ALEKSANDER be a member of the Program Committee. There is no problem for me.

2 - M. DENECHERE is preparing a new contract (draft 11 ?) taking into account your remarks, and I will send it to you later.

michel

UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

Interactive Systems Design Laboratory
Department of Electrical Engineering, FT-10
Telephone: (206) 543-6990 (office), 543-6061 (secretary),
543-2150 (main office), 543-3842 (FAX).
marks@blake.acs.washington.edu

June 12, 1989

Prof. Walter Karplus, General Co-Chair
International Joint Conference on Neural Networks, Summer 1990
3732 Boelter Hall
UCLA
Los Angeles, CA 90024

Prof. Joseph W. Goodman, General Co-Chair
International Joint Conference on Neural Networks, Summer 1990
Dept. of Electrical Engineering
Stanford University
McCullough 150
Stanford, CA 94305-4055

Dear Joe and Walter:

On behalf of the *IEEE Neural Networks Committee (NNC)*, thank you for agreeing to be the General Co-Chairs of the Summer 1990 *International Joint Conference on Neural Networks*. Please let me know if there is any way I can be of assistance during your execution of these duties.

In previous IEEE sponsored conferences on neural networks, there have been some problems surface which must not be allowed to reoccur. By this letter, I am informing you of these concerns and direct that they not be allowed to take place in the Summer '90 *IJCNN*.

- ◆ Adherence must be given to *IEEE Policies and Procedures, the NNC Charter* and the *IEEE NNC & INNS Agreement* on joint sponsorship of *IJCNN*'s. The last two documents are included in the agenda book for the upcoming NNC meeting that was recently mailed to you.

A excerpt from the *IEEE NNC & INNS Charter*, for example, reads "SESSION CHAIRS ARE NOT NORMALLY COMPENSATED FOR THEIR TRAVEL EXPENSES". This policy has been blatantly violated in previous conferences. The problem was compounded by the noninclusion of the expense in the approved conference budget. The IEEE is currently reviewing the matter for possible action.

This and similar problems can be avoided by timely approval of the conference budget. Any expenditures that are not included in the approved budget will not be honored. They will, rather, be considered the personal responsibility of the person or persons making the financial commitment.

Any expenditures prior to the approval of the conference budget should be

- consistent with and in the spirit of traditional IEEE conference planning guidelines.
- personally approved by you.

I am willing to officially answer any specific questions that arise in this regard.

- ◆ In order to help avoid commercialization of the conference and so that there is a coordinated unified voice, all publicity matters - including news releases and press conferences - are your responsibility. I prefer that you do not delegate this responsibility. In past conferences, a number of people associated with the conference have presented themselves as conference spokesmen. Although anyone can speak to the press, only you are authorized to identify yourself as spokesmen for the Summer '90 *IJCNN*. Those affiliated with the conference should direct queries in such matters to you.

As a personal request, I ask that the upcoming *IJCNN* focus more on the current status of engineering and scientific investigation of neural networks and less on futuristic hype. By this approach, I believe that the field will mature in strength and have a healthier future.

Best personal regards,



Robert J. Marks II
NNC Chairman *pro tem*

cc: WALTER FREEMAN, *IJCNN* SUMMER '90 PROGRAM CO-CHAIR
BART KOSKO, *IJCNN* SUMMER '90 PROGRAM CO-CHAIR
H. JOHN CAULFIELD, *IJCNN* SUMMER '90 FINANCE CHAIR
PATRICK SIMPSON, *IJCNN* SUMMER '90 LOCAL ARRANGEMENTS CHAIR
NICHOLAS DECLARIS, *IJCNN* OVERSIGHT COMMITTEE, CHAIR
BERNIE WIDROW, *INNS* CHAIR

RJM:tsm

RDD

Lockheed

LOCKHEED RESEARCH & DEVELOPMENT DIVISION
PALO ALTO RESEARCH LABORATORIES
fax (415) 424-3115

FACSIMILE TRANSMISSION ADDRESS SHEET PAGE 1 OF 1

DATE: 15 NOV 89 FAX TELEPHONE NUMBER (206) 543-389
TO: BOB MARKS PHONE: (206) 543-6990
FROM: HERB RAUCH PHONE: (415) 924-3989
SUBJECT: TEMP

TRIP TO NEURAL NETWORK
COMMITTEE MEETING
NOVEMBER 26

I HAVE RESERVED TICKET
ROUND TRIP SAN JOSE TO
DENVER - ON NOVEMBER 26

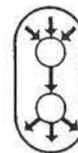
ARRIVE DENVER AIRPORT
9:55 AM
LEAVE DENVER AIRPORT
8:40 PM

COST IS \$642 - ONLY COST
AVAILABLE DURING THANKSGIVING

WILL NN COMMITTEE PAY \$642?



NEURAL NETWORKS



Robert J. Marks II, Chairman
IEEE Neural Networks Committee
UNIVERSITY OF WASHINGTON, FT-10
DEPT. OF ELECTRICAL ENGINEERING
SEATTLE, WASHINGTON 98195 USA
(206) 543-6990; FAX (206) 543-3842
marks@blake.acs.washington.edu

10-16-89

Evangelia Tzanakou, NNC Secretary
Biomedical Engineering
Rutgers University
P.O. Box 909
Piscataway, NJ 08854
(201) 932-2037
etzanako@elbereth.rutgers.edu
FAX:(201)932-5313

Dear Litsa:

ATTACHED IS THE DOCUMENTATION FOR THE RECENT MAIL VOTE TAKEN BY THE NNC INCLUDING COPIES OF E-MAIL BALLOTS & FAX RESPONSES.

From @UWAVM.ACS.WASHINGTON.EDU:RCE1@APLVM.BITNET Mon Sep 25 14:22:17 1989
Received: from uwavm.acs.washington.edu by blake.acs.washington.edu
(5.61/UW-NDC Revision: 2.1) id AA06312; Mon, 25 Sep 89 14:22:13 -0700
Message-Id: <8909252122.AA06312@blake.acs.washington.edu>
Received: from UWAVM.ACS.WASHINGTON.EDU by UWAVM.ACS.WASHINGTON.EDU (IBM VM SMTP R1.2) with BSMTP id 2892; Mon, 25 Sep 89 14:22:57 PDT
Received: from APLVM.JHUAPL.EDU by UWAVM.ACS.WASHINGTON.EDU (Mailer R2.03B) with BSMTP id 9107; Mon, 25 Sep 89 14:22:55 PDT
Received: by APLVM (Mailer R2.02A) id 5675; Mon, 25 Sep 89 17:17:32 EDT
Date: Mon, 25 Sep 89 17:01:35 EDT
From: RUSS EBERHART <RCE1%APLVM.BITNET@UWAVM.ACS.WASHINGTON.EDU>
Subject: NNC Business
To: Bob Marks <MARKS@BLAKE.ACS.WASHINGTON.EDU>
Status: R

I hereby vote YES for Motion #1, and YES for Motion #2, as described in your correspondence of Sept. 20, 1989.
(TEXT THEREAFTER DELETED)

From etzanako@elbereth.rutgers.edu Mon Sep 25 18:00:00 1989
Received: from ELBERETH.RUTGERS.EDU by blake.acs.washington.edu
(5.61/UW-NDC Revision: 2.1) id AA15006; Mon, 25 Sep 89 17:59:53 -0700
Received: by elbereth.rutgers.edu (5.59/SMI4.0/RU1.1/3.04) id AA00207; Mon, 25 Sep 89 20:59:48 EDT
Date: Mon, 25 Sep 89 20:59:48 EDT
From: etzanako@elbereth.rutgers.edu (Evangelia Tzanakou)
Message-Id: <8909260059.AA00207@elbereth.rutgers.edu>
To: marks@blake.acs.washington.edu
Status: R

Dear Bob
this is in response to your 9-20-89 mailing. I vote YES on both although the budget is a little high.

(TEXT THEREAFTER DELETED)

Litsa 9/25/89

From bouldin%sun1.engr.utk.edu@utkux1.utk.edu Tue Sep 26 05:56:20 1989
Received: from SUN1.ENGR.UTK.EDU by blake.acs.washington.edu
(5.61/UW-NDC Revision: 2.1) id AA29854; Tue, 26 Sep 89 05:56:10 -0700
Received: by sun1.engr.utk.edu (4.0/2.3-UTK)
id AA03998; Tue, 26 Sep 89 08:49:10 EDT
Date: Tue, 26 Sep 89 08:49:10 EDT
From: Don Bouldin <bouldin%sun1.engr.utk.edu@utkux1.utk.edu>
Message-Id: <8909261249.AA03998@sun1.engr.utk.edu>
To: marks@blake.acs.washington.edu
Subject: Vote
Status: R

I would like to vote "Yes" to both motions presented
in your correspondence dated 9-20-89.

Thanks, Don.

From bradley@ivy.Princeton.EDU Tue Sep 26 16:26:31 1989
Received: from Princeton.EDU by blake.acs.washington.edu
(5.61/UW-NDC Revision: 2.1) id AA21144; Tue, 26 Sep 89 16:26:20 -0700
Received: from ivy.Princeton.EDU by Princeton.EDU (5.58+++2.22)
id AA01379; Tue, 26 Sep 89 17:31:34 EDT
Received: by ivy.Princeton.EDU (5.51/1.81)
id AA17571; Tue, 26 Sep 89 15:17:49 EDT
Date: Tue, 26 Sep 89 15:17:49 EDT
From: bradley@ivy.Princeton.EDU (Bradley Dickinson)
Message-Id: <8909261917.AA17571@ivy.Princeton.EDU>
To: marks@blake.acs.washington.edu
Subject: NNC vote
Status: R

Motion #1: YES
Motion #2: YES

Bradley Dickinson
Sept. 26, 1989

From rpl@sst.ll.mit.edu Mon Oct 2 09:51:07 1989
Received: from SST.LL.MIT.EDU by blake.acs.washington.edu
(5.61/UW-NDC Revision: 2.1) id AA02537; Mon, 2 Oct 89 09:51:02 -0700
Received: by sst.ll.mit.edu (5.61/3.3.sst) id AA24375; Mon, 2 Oct 89 12:48:19 -0400
Date: Mon, 2 Oct 89 12:48:19 -0400
From: Richard Lippmann <rpl@sst>
Message-Id: <8910021648.AA24375@sst.ll.mit.edu>
To: marks@blake.acs.washington.edu
Subject: IEEE Neural Networks Committee Vote
Cc: rpl@sst.ll.mit.edu
Status: R

I vote as follows:

Motion #1: YES
Motion #2: YES

Acoustics, Speech, and Signal Processing Society Representative

Richard Lippmann
Rm B-349
MIT Lincoln Laboratory
244 Wood St.
Lexington, MA 02173

From kris@boulder.Colorado.EDU Tue Oct 3 11:58:05 1989

Received: from boulder.Colorado.EDU by blake.acs.washington.edu
(5.61/UW-NDC Revision: 2.1) id AA20517; Tue, 3 Oct 89 11:57:59 -0700
Return-Path: <kris@boulder.Colorado.EDU>
Received: by boulder.Colorado.EDU (cu-hub.890824)
Received: by fred.colorado.edu (cu.generic.890828)
Date: Tue, 3 Oct 89 12:57:42 MDT
From: Kris Johnson <kris@boulder.Colorado.EDU>
Message-Id: <8910031857.AA04088@fred.colorado.edu>
To: marks@blake.acs.washington.edu
Subject: Re: vote
Status: R

yes vote here, thanks, kris

From goodman@sierra.STANFORD.EDU Wed Oct 4 08:07:55 1989
Received: from Sierra.Stanford.EDU by blake.acs.washington.edu
(5.61/UW-NDC Revision: 2.1) id AA27738; Wed, 4 Oct 89 08:07:52 -0700
Message-Id: <8910041507.AA27738@blake.acs.washington.edu>
Received: from localhost by sierra.STANFORD.EDU (3.2/4.7); Wed, 4 Oct 89 08:05:28 PDT
To: marks@blake.acs.washington.edu
Subject: Vites
Date: Wed, 04 Oct 89 08:05:27 PDT
From: goodman@sierra.STANFORD.EDU
Status: RO

I vote yes, yes.

Joe Goodman

From bhj@research.att.com Tue Oct 3 22:55:36 1989
Received: from arpa.att.com by blake.acs.washington.edu
(5.61/UW-NDC Revision: 2.1) id AA16566; Tue, 3 Oct 89 22:55:26 -0700
Message-Id: <8910040555.AA16566@blake.acs.washington.edu>
From: bhj@research.att.com
Date: Tue, 3 Oct 89 17:05:39 EDT
To: marks@blake.acs.washington.edu
Status: RO

Your correspondence to solicit vote on the two motions just got here today. Hope it is not too late for me to cast my vote.

I assume that the proposed council is still regulated by the IEEE TAB in the sense that TAB is the immediate fallback in case of financial difficulty. This was my impression of the NN Committee and I'd like to make sure it is still true with the NN Council. If the society has to share directly the financial responsibility, then I think the society needs some internal ratification before casting the vote. I vote yes if my above assumption is correct. By the way, please clarify this independent of my vote.

I also vote yes on the second motion with some reservation on the invited speaker expense of \$42,000. Just for the record.

- B.H. Juang
NNC representative, IEEE ASSP Society

Sincerely,



Robert J. Marks II, Chair
IEEE Neural Networks Committee

Transmittal Sheet-Telecopy

DIVISION OF MEDICAL INFORMATICS
150 HOWARD HALL

School of Medicine
University of Maryland
660 W. Reedwood St.
Baltimore, MD 21201

FAX # (301) 328-8013
Verification # (301) 328-8010

DATE: 10/2/89
COMPANY: U. of Washington, FT-10, EE Dept.
ATTENTION: Prof. Robert J. Marks II
TELECOPY #: 206-543-3842

Message:

Re. your Memo 9-20-89, my vote for
the two IEEE Motions are as follows:

MOTION #1 YES

MOTION #2 YES

FROM: 

TELEPHONE: _____

NO. OF PAGES: 1
(Including this cover)

CALIFORNIA INSTITUTE OF TECHNOLOGY
ELECTRICAL ENGINEERING
MAIL CODE: 116-81
PASADENA, CA 91125

FAX #818-568-8670

Please deliver the following pages to:

To: Robert J. Marks II, Chairman

IEEE Neural Networks Committee
University of Washington, FT-10
Dept. of Electrical Engineering
Seattle, WA 98195

FAX: 206-543-3842

From: _____

Date: 10/2/89

The total number of pages being faxed, including this page: 2

If you do not receive all pages or have any problems with

transmitting, please call and ask for Bette at

818-356-3659.

Notes: _____

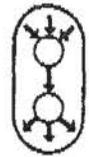
Thank you.

Robert J. Marks II Library Archive

*FAX to Dr. Marks at #
attention below.*



NEURAL NETWORKS



Robert J. Marks II, Chairman
IEEE Neural Networks Committee
UNIVERSITY OF WASHINGTON, FT-10
DEPT. OF ELECTRICAL ENGINEERING
SEATTLE, WASHINGTON 98195 USA
(206) 543-6990; FAX (206) 543-3842
marks@blake.acs.washington.edu

9-20-89

Members of the *IEEE Neural Networks Committee*:

The purpose of this correspondence is to solicit your vote on two motions that require approval of the NNC:

- Yes* ♦ **MOTION #1:** The enclosed draft of the Constitution for the IEEE Neural Networks Council should be submitted to IEEE for approval.
- Yes* ♦ **MOTION #2:** The enclosed budget for the January 1990 IJCNN is approved by the NNC.

Please vote "yes" or "no" on each motion in one of three ways:

- by e-mail to: marks@blake.acs.washington.edu
- by FAX to: (206) 543-3842
- by surface mail to me at the address on the letterhead.

*Edward J. Powers
10/1/89*

BACKGROUND

- ♦ **MOTION #1:** An earlier draft of the enclosed constitution draft was distributed prior to and discussed at the NNC meeting on June 18th in Washington D.C. A motion was made by Herb Rauch & seconded by Russ Eberhart that the NNC wished to pursue Council status within IEEE. The motioned passed. After some discussion, a Committee was appointed by the Chair to polish the draft of the Council constitution. The Committee members were Herb Rauch (Chair), Wes Snyder and Anthony Ephremides. Troy Nagle agreed to consult on the revision. It was agreed that the revision would be submitted for mail vote. This is what we are doing.
- ♦ **MOTION #2:** The enclosed budget was mailed to the Presidents of the NNC member Societies prior to the June 18th NNC meeting. According to our Charter, member Societies have 60 days to provide their input to NNC members on all budgets prior to the NNC vote. The budget has been reviewed and okayed by IEEE Conference Services (Laura Jobmann). The manner in which the Proceedings is published has also been approved by the same office.

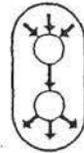
Please respond with your vote by October 2.

Sincerely,
Robert J. Marks II
Robert J. Marks II, Chair
IEEE Neural Networks Committee

cc: Mel Olken, IEEE
Anthony Ephremides, Division X Director
Laura Jobmann, IEEE Conference Services



NEURAL NETWORKS



Robert J. Marks II, Chairman
IEEE Neural Networks Committee
UNIVERSITY OF WASHINGTON, FT-10
DEPT. OF ELECTRICAL ENGINEERING
SEATTLE, WASHINGTON 98195 USA
(206) 543-6990: FAX (206) 543-3842
marks@blake.acs.washington.edu

9-20-89

Members of the IEEE Neural Networks Committee:

The purpose of this correspondence is to solicit your vote on two motions that require approval of the NNC:

◆ **MOTION #1:** The enclosed draft of the Constitution for the IEEE Neural Networks Council should be submitted to IEEE for approval. **VOTE YES**

26 SEP 7 89

◆ **MOTION #2:** The enclosed budget for the January 1990 IJCNN is approved by the NNC.

VOTE YES

Please vote "yes" or "no" on each motion in one of three ways:

- by e-mail to: marks@blake.acs.washington.edu
- by FAX to: (206) 543-3842
- by surface mail to me at the address on the letterhead.

HERBERT E. RAUCH
Lockheed 92-20/254 E
3251 Hanover Street
Palo Alto, CA 94303 USA

BACKGROUND

◆ **MOTION #1:** An earlier draft of the enclosed constitution draft was distributed prior to and discussed at the NNC meeting on June 18th in Washington D.C. A motion was made by Herb Rauch & seconded by Russ Eberhart that the NNC wished to pursue Council status within IEEE. The motioned passed. After some discussion, a Committee was appointed by the Chair to polish the draft of the Council constitution. The Committee members were Herb Rauch (Chair), Wes Snyder and Anthony Ephremides. Troy Nagle agreed to consult on the revision. It was agreed that the revision would be submitted for mail vote. This is what we are doing.

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Please respond with your vote by October 2.

Sincerely,

Robert J. Marks II, Chair
IEEE Neural Networks Committee

cc: Mel Olken, IEEE
Anthony Ephremides, Division X Director
Laura Jobmann, IEEE Conference Services



THE JOHNS HOPKINS UNIVERSITY
APPLIED PHYSICS LABORATORY

Johns Hopkins Road, Laurel, Maryland 20707-6099
Telephone: (301) 953-5000 and 792-5000

October 4, 1989

Irving Engelson, Ph.D.
Staff Director, Technical Activities
The Institute of Electrical
and Electronics Engineers, Inc.
445 Hoes Lane
P. O. Box 1331
Piscataway, NJ 08855-1331

Dear Dr. Engelson:

As Chairman and Treasurer, respectively, of the IEEE Neural Network Committee (NNC), Robert Marks and I hereby request that you transfer \$150,000 from Account 797 29708 at the Equitable Bank, Paca-Redwood Branch, 11 S. Paca Street, Baltimore, MD 21201, into the NNC account at IEEE Headquarters. This account contains funds from the 1989 International Joint Conference on Neural Networks. The bank representative for this account is Ms. Sue Davis.

It is expected that the conference should have a surplus of at least \$150,000. In addition, we have asked Mel Olken to pay hotel bills of just over \$16,000 directly from Headquarters monies, so that the transfer of the \$150,000 should leave ample funds in the Baltimore account to pay all remaining conference bills.

I have asked for a written account of all outstanding bills, with a reason, in writing, why each has not been paid. I look forward to working with IEEE Headquarters in resolving the financial matters related to the IJCNN 89.

Very truly yours,

Russell C. Eberhart, Ph.D.
NNC Treasurer

cc: Robert Marks
Nicholas DeClaris

1989 IEEE Neural Networks Council Document

PGM NAME: GFINRA79 REPORT PROCESSED ON 09/08/89

Robert J. Marks II Library Archive

PAGE 423

NEURAL NETWORKS COMM
FOR THE PERIOD ENDING AUGUST 31, 1989

ANNUAL BUDGET INCOME	Y.T.B. TOTALS	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
NON PERIODICAL SALES													
CONF PUB OOP NET 8924501001													
B													
A	25.5	25.5											
TOT NON PERIODICAL													
B													
A	25.5	25.5											
MEETINGS													
88 ICNN 8924600001													
B													
A	28.9								28.9				
TOT MEETINGS													
B													
A	28.9								28.9				
OTHER													
OTHER MISC 8924890000													
B													
A	.3					.3							
TOT OTHER													
B													
A	.3					.3							
MISC A/C UNDER \$100 *924***													
B													
A	.1								.1				
TOTAL INCOME													
B													
A	54.8	25.5				.3			29.0				
EXPENSES													
HDQTS.SERV.TO COMM.													
ADCOM 9924741001													
B													
A	.1					.1							
TOT HDQTS.SERV.TO C													
B													
A	.1					.1							
COMM.ACT.EXT.COSTS													
AD COMM 9924741002													
B													
A	.6						.3		.3				

25

1989 IEEE Neural Networks Council Document

PGM NAME: GFINRA79 REPORT PROCESSED ON 09/08/89

Robert J. Marks II Library Archive

PAGE 424

NEURAL NETWORKS COMM
FOR THE PERIOD ENDING AUGUST 31, 1989

ANNUAL BUDGET	Y.T.D. TOTALS	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
TECHNICAL	9924743002												
B													
A	3.9							2.1	1.8				
TOT COMM.ACT.EXT.CO													
B													
A	4.5						.3	2.1	2.1				
MISC A/C UNDER \$100	*924***												
B	.1								.1				
TOTAL EXPENSES													
B													
A	4.7					.1	.3	2.1	2.2				
TOTAL OVERALL													
B													
A	50.1	25.5				.2	.3	2.1	26.8				

26

STATEMENT OF FINANCIAL OPERATIONS

Neural Network

Society/Council No.924 Period Ended 8/31/89

CURRENT BALANCE SUMMARY

Net Worth January 1st
 Net Operating Surplus (Deficit) year to date
 Current Net Worth 50.1

SUPPLEMENTAL FINANCIAL DATA

Outstanding Conference Loans (See details below) 16.0
 Accounts Receivable (See details below)
 Investments: Option T
 Long Term
 Long Term Interest Earned

1989TRANSACTIONS/JOURNALS/MAGAZINES

BUDGET	<u># Issues</u>	<u># Pages</u>	<u>\$Print/Dist.</u>	<u>Vol. Pg. Chgs</u>
	<u>Estimate Complete</u>	<u>Estimate Complete</u>	<u>Estimate Complete</u>	<u>Current Prior</u>

LOANS: '89 Neural Network \$16,000.

<u>Meetings</u>	<u>Income</u>	<u>Expenses</u>
'88 ICNN	28,955.00	000
'89 ICNN	25,000.00	000

1989 IEEE Neural Networks Council Document
Robert J. Marks II Library Archive

11/07/89 09:07 FAX 206 543 3842

U W ELEC ENGR

001

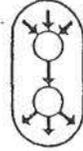
ACTIVITY REPORT

TRANSMISSION OK

TRANSACTION #	1688
CONNECTION TEL	8868p0113415345468PP
CONNECTION ID	G3
START TIME	11/07 09:06
USAGE TIME	00' 37
PAGES	1



NEURAL NETWORKS



Robert J. Marks II, Chairman
IEEE Neural Networks Committee
UNIVERSITY OF WASHINGTON, FT-10
DEPT. OF ELECTRICAL ENGINEERING
SEATTLE, WASHINGTON 98195 USA
(206) 543-6990: FAX (206) 543-3842
marks@blake.acs.washington.edu

11-06-89

Fernando Aldana
Universidad Politecnica de Madrid
Avda. Rarniro de Maeztu, s/n
Ciudad Universitaria
E-28040 Madrid - SPAIN
FAX: 34-1-534 5468

Dear Fernando:

I have had a number of requests to change the NNC meeting time at NIPS. Unfortunately, no two requests have been the same. Since a number of members have already scheduled their travel and 1:30 on Sunday was the time agreed upon at the last NNC meeting, I'm sure you will agree that the best option is to leave the meeting time as scheduled. I hope your travel plans can be addended to attend.

Bob Newcomb has the authority to change the IOC meeting times. He has not been open to other similar suggestions, however.

I will be preparing some material for distribution to NNC members soon. I will mail yours by express. If, indeed, you can not attend the NNC meeting, I would appreciate your input on matters on the agenda. I value your opinions.

I hope to see you at the TAB meeting in Florida next week. We are petitioning for Council Status. I hope all goes well.

Sincerely,

A handwritten signature in cursive script that reads "Bob".

Robert J. Marks II, Chair
IEEE Neural Networks Committee

THERE IS A SINGLE PAGE IN THIS FAX TRANSMISSION

10/25/89 10:01 FAX 206 543 3842

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001

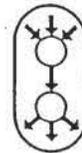
ACTIVITY REPORT

TRANSMISSION OK

TRANSACTION #	1502
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CONNECTION ID	G3
START TIME	10/25 09:58
USAGE TIME	02' 31
PAGES	3



NEURAL NETWORKS



Robert J. Marks II, Chairman
IEEE Neural Networks Committee
UNIVERSITY OF WASHINGTON, FT-10
DEPT. OF ELECTRICAL ENGINEERING
SEATTLE, WASHINGTON 98195 USA
(206) 543-6990: FAX (206) 543-3842
marks@blake.acs.washington.edu

10-24-89

Dr. Dayne Aldridge
FAX: (205) 844-1678 2672

Dear Dayne,

I am delighted to hear the *IEEE Industry Applications Society* has voted to join the *IEEE Neural Networks Committee* (NNC). The attached Charter must be signed by an officer of the *Society* - preferably the President. The petition must then be approved by the NNC.

The next meeting of the NNC will be prior to the *Neural Information Processing Systems* meeting in Denver. The meeting will be at 1:30 P.M. at the Sheraton Denver Tech Center on Sunday, November 26th. If a signed copy of the agreement reaches me by the first week in November, I can include it in the mailing of material to NNC members for the meeting.

Your Society is welcome to sent representatives to the NNC meeting. If you choose to do so, please let me know.

I look forward to the participation of the *IEEE Industry Applications Society* in the *IEEE Neural Networks Committee*

Sincerely,

A handwritten signature in black ink, appearing to read 'R. Marks II', with a large, stylized flourish at the end.

Robert J. Marks II, Chair
IEEE Neural Networks Committee

THERE ARE FOUR PAGES IN THIS FAX TRANSMISSION

Charter of the IEEE Neural Networks Committee (NNC)

Agreement Among the Participating Societies Regarding IEEE Activities in Neural Networks.

SCOPE

The IEEE Neural Networks Committee is a committee of the IEEE Technical Activities Board consisting of IEEE Societies whose purpose is to coordinate technical activities in the interdisciplinary area of Neural Networks and provide the focus for cooperative efforts among TAB entities. The following Societies shall jointly sponsor the IEEE Neural Networks Committee, hereafter referred to as the Committee or NNC:

- Acoustics, Speech, and Signal Processing Society
- Circuits and Systems Society
- Communications Society
- Computer Society
- Control Systems Society
- Engineering in Medicine and Biology Society
- Industrial Electronics Society
- Information Theory Group
- Laser and Electro-Optics Society
- Systems, Man, and Cybernetics Society

The IEEE Neural Networks Committee shall act to foster activities in the area of Neural Networks by forming technical subcommittees, task forces, interest groups, and sponsoring technical workshops, symposia and international conferences. The NNC shall represent the IEEE Technical Activities Board in matters relating to Neural Networks.

THE COMMITTEE

The membership of the NNC shall consist of two delegates from each of the sponsoring Societies. These delegates must be appointed by their respective Societies for two-year staggered terms, and may be reappointed. Each sponsoring organization shall have one equal vote on matters before the NNC.

The committee shall elect biennially a Chairman from among its current membership. The Chairman shall serve as focus for all communications and shall direct, on behalf of

the NNC, the operational matters of the committee. For the duration of the office of Chairman, that individual will not be considered to be a representative of his/her respective Society, therefore able to represent more freely the overall objectives of the NNC. The Chairman's Society will be represented by the other delegate only. On a biennial basis, the NNC shall also elect a Secretary and a Treasurer. In addition to the usual duties regarding minutes, reports, records, etc., the Secretary shall serve as Chairman pro tem in the absence of the Chairman. When the election to office of a Committee member requires an extension of the member's term of appointment by the sponsoring Society, it is expected that such an extension will take place. This extension will be for either one or two years as necessary, to maintain the staggered appointment with the other delegate.

IMPLEMENTATION

This agreement shall be acted upon by the President of each sponsoring Society on behalf of the respective Administrative Committee or Board of Governors. Should any choose not to participate in this agreement, it is understood that their allocated positions on the NNC AdCom and their participation in sponsoring or funding of its activities shall be voided. The letter will be a binding agreement upon the parties when approved by their respective administrative committees and approved by the appropriate IEEE board(s). The original of this letter and of signed letters of transmittal indicating sponsorship agreement from the respective IEEE Societies will become a part of TAB records.

Once the NNC has been established, other IEEE Societies can petition to become members of the Committee. Such Societies must demonstrate that they have been active in the area of Neural Networks in the last two years. A two thirds majority vote is required by the NNC for admission of new members.

A Society can indicate its intent to withdraw from the NNC at any time. However, the withdrawing Society shall continue to be financially responsible for its share of future NNC activities which have been approved by the NNC prior to the date of withdrawal. If a Society withdraws from the NNC, its share in future NNC activities is divided equally among the remaining members.

FINANCIAL MATTERS

All member Societies share equally in the financial responsibilities of the NNC. Budgets requiring NNC approval shall be submitted to the sponsoring Societies at least sixty days in advance of the NNC vote, so that the sponsoring Societies can instruct their representatives accordingly. Budgets will be approved by majority vote of the committee.

The NNC shall be authorized to establish a reserve fund from which it can maintain its own operations. The fund shall be used to make cash advances to conferences sponsored by the NNC and to support the operating expenses of the Committee. The level of this reserve shall be 50% of the approved operating budget (including conference commitments) for the last year's operations. All monies above this level will be

distributed to the sponsoring Societies on an equal basis at the close of the IEEE fiscal year.

AMENDMENTS

Changes in the procedures specified in this letter will be enacted by amendments to be approved by a two thirds majority of the sponsoring Societies.

Date _____

Agreed by

(Name)

(Office)

(Society)

-
1. The Computer Society has apparently chosen not to participate in the NNC (12/21/88, Robert J. Marks II, NNC Chairman pro tem).

1989 IEEE Neural Networks Council Document
 Robert J. Marks II Library Archive

OF 01/31/90

PAGE 3

JN 9	REGION 10				TOTALS			
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1989 IEEE Neural Networks Council Document
 Robert J. Marks II Library Archive

OF 01/31/90

PAGE 4

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	19	31	30	72	100	219	861	794
	0	0	0	3	2	0	22	21
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THE INSTITUTE OF
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IEEE SINGAPORE SECTION

15 February 1990

PLEASE REPLY TO:

Dr. Robert J Marks II
President IEEE Neural Networks Council
University of Washington, FT-10
Dept. of Electrical Engineering
Seattle
Washington 98195
USA

FAX : (206) 543 3842

Dear Dr. Marks,

Thank you for your letter of appointment of 21 January 1990. The Singapore Section will endeavor to make the 1991 meeting in Singapore a success. We look forward to the support of your

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IEEE NEURAL NETWORKS COUNCIL

Russell C. Eberhart, Ph.D.
Vice President
Telephone: 301-953-5037
Fax: 301-953-1093
E-mail: rce1@aplvm.bitnet

Please reply to:
JHU Applied Physics Laboratory
Johns Hopkins Road
Laurel, Maryland 20707 U.S.A.

February 20, 1990

Mr. Herbert E. Rauch, Editor
IEEE Transactions on Neural Networks
Lockheed 92-20/254 E
3251 Hanover Street
Palo Alto, CA 94304

Dear Herb,

Enclosed is the Letter I am submitting to the IEEE Transactions on Neural Networks relative to the IEEE Neural Networks Council (NNC) Ad Hoc Standards Committee's efforts to work for a standard for the neural networks field. If you have any

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STANDARDIZATION OF NEURAL NETWORK TERMINOLOGY

Russell C. Eberhart
Vice President, IEEE Neural Networks Council
The Johns Hopkins University Applied Physics Laboratory
Johns Hopkins Road
Laurel, Maryland 20707 U.S.A.
RCE1@APLVM.BITNET

ABSTRACT

A need exists to move toward commonly accepted terminology in the neural network field. The IEEE Neural Networks Council has established an Ad Hoc Standards Committee to pursue this effort.

INTRODUCTION

The field of artificial neural networks is experiencing explosive growth. With all of the neural network applications currently working and under active development, it is obvious that neural networks are here to stay. The establishment by the IEEE of the Neural Networks Council (NNC), and these Transactions on Neural Networks, reflects the high level of interest by engineers and scientists.

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held in San Diego in June 1990. The next meetings will be held at the IJCNN's in Seattle in July, 1991, and in Singapore in November, 1991.

GLOSSARY

The first efforts at terminology and notation standardization will focus on terms and symbols that are frequently used in the neural networks literature. Terminology has originated in a variety of domains such as engineering, mathematics, biology, physics, etc. Terms often seem to be used without there being a solid understanding of their exact meaning.

A proposed list of terms to be considered by the committee is presented below. The list is not meant to be exhaustive, but rather to represent basic, frequently used terms:

Activation function, activation rule, activation state, activation value, adaptive resonance, architecture, associative memory, axon, back propagation, batch training, bias, bundle, cell, competitive learning, connection, connection strength, delta rule, dendrite, distributed representation, element, epoch, epoch training, error term, error signal, fan-in, fan-out, feedback network, forward network, generalization, generalized delta rule, gradient descent, Hebbian learning, Hopfield network, Hinton diagram,

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Activation function - Algorithm for computing the activation value of a neurode as a function of its net input. Net input is typically the sum of the weighted inputs to the neurode.

Back propagation - A learning rule for multilayer feedforward networks in which weights are adjusted by backward propagation of the error signal from outputs to inputs.

Competitive learning - Unsupervised learning scheme in which neurodes compete with each other for the right to respond to a given subset of inputs. When a neurode responds to an input pattern, it tends to inhibit other neurodes. After learning, neurodes become feature detectors.

Feedforward network - Network ordered into layers with no feedback paths. The lowest layer is the input layer, the highest is the output layer. The outputs of a given layer go only to higher layers, and its inputs come only from lower layers.

Self-organization - Unsupervised learning neural network. Adjusts its weights to reflect the probability distribution of features that are found in the input patterns.

Supervised learning - Learning procedure in which a network is presented with a set of input pattern, target pairs. The network can compare its output to the target and adapt itself according to

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IEEE

TECHNICAL ACTIVITIES

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January 4, 1990 (201) 562-3861

Robert J. Marks
University of Washington
Dept. Electrical Engineering
Interactive Systems Design Lab
Seattle, WA 98195

Dear Mr. Marks:

Enclosed at your request is check for \$59.64 to reimburse
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you for expenses incurred on behalf of the IEEE Neural Network

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(NAME)
 ROBERT J. MARKS II
 (ADDRESS TO SEND CHECK)
 DEPT. OF ELECTRICAL ENGINEERING
 UNIVERSITY OF WASHINGTON
 SEATTLE, WASHINGTON 98195

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- MEMBER OF IEEE BD. OF DIRECTORS/EXECUTIVE COMM.
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- IEEE STANDING BOARD OR COMMITTEE REPRESENTATIVE
 IEEE Council on Neural Nets
 (Name of Board or Committee)

TRIP AUTHORIZATION NO. _____

PURPOSE OF TRIP - NOTE EACH DAY'S ACTIVITY

PROVIDE DETAILS AND FULL SUPPORT ON ITEMS (1), THROUGH (5)

DETAILS	DATE	PURPOSE OF TRIP - NOTE EACH DAY'S ACTIVITY						TOTAL EXPENSE	CHARGED DIRECT TO IEEE (5)
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RD 15/0
92224 Bagneux Cedex - France

Professeur ALDANA
Universidad Politecnica
de Madrid
Resiro de Maestu

E-28040 MADRID

References

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Bagneux, le DECEMBER 11, 1989

Dear Professor Aldana,

As you know, a big conference on neural networks will be organized in Paris, from July 9 th to July 13 th, namely INNE 90 PARIS. This conference promises to be a very large one, in the line of the various IJCNN.

It is organized under the patronage of the Commission of the European Communities, and with INNS acting as a cooperating society ; the highest scientific standards will be taken into account for this conference.

I know that IEEE is willing to support conferences in Neural Networks being organized outside the U.S.

It would be a great honour for us, and an important first step for IEEE, if IEEE accepted to be a cooperating society for this conference.

The status of cooperating society would imply no financial participation of IEEE to the conference, but only support for advertising up to IEEE convenience.

I hope that you and the other members of the IEEE board for Neural Networks will give a positive answer to that request.

Sincerely yours.

B. ANGENIOL



THE
GEORGE
WASHINGTON
UNIVERSITY

School of Engineering and Applied Science / Washington, D.C. 20052

Department of
Electrical Engineering
and Computer Science
(202)994-6083

December 5, 1989

NG. (mis-addressed)

Robert J. Marks, Chair
IEEE Neural Networks Committee
Contel Corporation
375 Park Avenue, Suite 2405
New York, NY 10152

Dear Dr. Marks:

In response to your letter to Jack McDonald dated 22 November concerning the designated representatives to the Neural Networks Council. As President-elect of the IEEE Communications Society I appoint Dr. K. Bhakru into this council. He was our representative to the committee.

one of two of

Sincerely,

Ray L. Pickholtz

Raymond L. Pickholtz
President-elect
IEEE Communications Society

P.S. I believe that

Paul Green contacted

to you as other

representatives.

RLP

cf: K. Bhakru

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R. L. Pickholtz
UNIVERSITY OF CALIFORNIA
DEPARTMENT OF COMPUTER SCIENCE
SANTA BARBARA, CALIFORNIA 93106

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