

## IEEE Distinguished Lecturers Program

The Neural Networks Council and other societies and councils are assisting the IEEE in compiling a list outstanding speakers in various fields. For more information about the program, contact the Program Chair: Don Wunsch (206) 477-5073, (206) 477-1001 FAX, Wunsch@atc.boeing.com. The following are the selected participants and their areas of expertise for the IEEE Neural Networks Council Distinguished Lecturer Program:

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|--|---|--|--|--|
| <p>•<b>Prof. Jim Bezdek</b><br/>(USA)<br/>(904) 474-2784<br/>(904) 474-3129 FAX<br/>jbezdek@uwf.bitnet<br/>Neural Networks, Pattern Recognition, and Intelligence; Neural Networks and Fuzzy Logic; Fuzzy Logic, Pattern Recognition and Control</p> | <p>49 211 311-3085 FAX<br/>eckmille@ddOrud81.bitnet<br/>Neural Networks for Motor Control in Primates and Robots; Neural Networks for Control, Prediction and Forecasting Chaotic Systems; Towards Stable International Cooperation in the Field of New Information Processing Technology</p> | <p>Handwriting With Selective Attention</p>  | <p>marks@ee.u.washington.edu<br/>Query-Based Learning<br/>Heisenberg's Fuzzy Principle</p>   | <p>History and Prospects of Neural Networks</p>  |
| <p>•<b>Prof. John Caulfield</b><br/>(USA)<br/>(205) 895-6030<br/>(205) 895-6618 FAX<br/>Optical Neural Networks; Massive Neural Networks</p>   | <p>•<b>Kunihiko Fukushima</b><br/>(Japan)<br/>81-6-843-0747<br/>81-6-843-9354 FAX<br/>Neocognitron and Selective Attention Model for Visual Pattern Recognition; Visual Pattern Recognition With Neural Networks; Recognition and Segmentation of Characters in Cursive</p>                   | <p>•<b>Prof. Stephen Grossberg</b><br/>(USA)<br/>(617) 353-7857<br/>(617) 353-8100 FAX<br/>Supervised Learning, Recognition and Prediction by Self-Organizing Neural Networks; Neural Networks for Vision and Image Processing; Neural Networks for Adaptive Sensory Motor Control; Neural Networks for Temporal Learning With Application to Speech Recognition</p> | <p>•<b>Prof. Andras J. Pellionisz</b><br/>(USA)<br/>(415) 604-4821<br/>pellioni@pioneer.arc.nasa.gov<br/>Geometry of Brain Function, Sensory Motor Transformations by Neural Networks, Tensor Network Theory of the Central Nervous System</p> | <p>•<b>Prof. Youshou Wu</b><br/>(PR China)<br/>86-1-2567733-5063<br/>86-1-2564176 FAX<br/>Recent Advances in Neural Network Research in China, The Application of Neural Networks in Chinese Character Recognition</p> |
| <p>•<b>Prof. Dr.-Ing. Rolf Eckmiller</b><br/>(Germany)<br/>49 211 311-4540</p>   |   | <p>•<b>Prof. Robert J. Marks II</b><br/>(USA)<br/>(206) 543-6990<br/>(206) 543-3842 FAX</p>  | <p>•<b>Dr. Paul J. Werbos</b><br/>(USA)<br/>(202) 357-9618<br/>(202) 357-9408 FAX<br/>pwerbos@note.nsf.gov<br/>Intelligent Control; Neural Networks for System Identification; Backpropagation,</p>  | <p>•<b>Prof. Lotfi Zadeh</b><br/>(USA)<br/>(510) 642-4959<br/>(510) 642-5775 FAX<br/>zadeh@cs.berkeley.edu<br/>Fuzzy Logic: Principles, Applications and Perspectives; The Calculus of Fuzzy If-Then Rules</p>         |