



**The 1997 IEEE International Conference on  
Neural Networks**

**June 9 - 12, 1997  
Westin Galleria Hotel,  
Houston, Texas, USA**

# The 1997 IEEE International Conference on Neural Networks

## ICNN 97 Organizing Committee

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## Panels

### *Classical Connectionist Learning*

Organizer: **Asim Roy**

Arizona State University, USA

### *Modeling the Creative Process*

Organizer: **Dan Levine**

University of Texas at Arlington, USA

### *Brain Imaging and Modeling*

Organizer: **John G. Taylor**

King's College, London, UK

# The 1997 IEEE International Conference on Neural Networks

## Technical Program Members

### 1. Applications

**Dr. Lee A. Feldkamp**  
Ford Research Laboratory,  
Dearborn, Michigan, USA

**Prof. Mary Lou Padgett**  
Auburn University, Auburn,  
Alabama, USA

### 2. Supervised/Unsupervised Learning

**Prof. Asim Roy**  
Arizona State University,  
Tempe, Arizona

**Prof. Lei Xu**  
The Chinese Univ. of Hong Kong,  
Shatin, Hong Kong

### 3. Learning and Memory

**Prof. Igor Aleksander**  
Imperial College of Science Technology and  
Medicine, London, UK

**Professor Fathi Salam**  
Michigan State University, East Lansing, MI,  
USA

### 4. Biological Neural Networks

**Dr. Christiane Linster**  
Harvard University, Cambridge, MA, USA

**Dr. Gene Wallenstein**  
Harvard University, Cambridge, MA, USA

### 5. Cognitive Science and Cognitive Neuroscience

**Prof. John Taylor**  
King's College, London, Institut fur Medizin,  
GERMANY

**Dr. B. Krekelberg**  
King's College, London, UK

### 6. Electronics and Optical Implementation

**Jose Pineda de Gyvez**  
Texas A&M University, College Station, TX,  
USA

**Stephen P. DeWeerth**  
Georgia Institute of Technology, Atlanta, GA,  
USA

### 7. Pattern Recognition and Image Processing

**Prof. Paul Gader**  
University of Missouri, Columbia, MO, USA

**Frank Chung-Hoon Rhee**  
Hanyang University, KOREA

**Dr. Jianchang Mao**  
IBM Almaden Research Center, San Jose, CA,  
USA

### 8. Intelligent Estimation and Control

**Prof. Alexander G. Parlos**  
Texas A&M University, College Station, Texas,  
USA

**Prof. Benito Fernandez-Rodriguez**  
University of Texas at Austin, Texas, USA

### 9. Robotics and Machine Vision

**Prof. Antti J. Koivo**  
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**Prof. O. Ersoy**  
Purdue University, West Lafayette, IN, USA

**Dr. Emre Velipasangh**  
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### 10. Optimization and Associative Memory

**Professor Ramalingam Sridhar**  
State University of New York, Buffalo, NY, USA

**Dr. Taher Daud**  
Jet Propulsion Laboratory, Pasadena, CA, USA

### 11. Speech Processing, Time Series and Filtering

**Dr. Raymond Watrous**  
Siemens Corporate Research, Princeton, NJ,  
USA

**Dr. S. Katagiri**  
ATR Human Information Processing Research  
Laboratories, JAPAN

### 12. Architectures and Hybrid Systems

**Dr. Christian Omlin**  
Adaptive Computing Technologies, Troy, NY,  
USA

**Prof. Marco Maggini**  
Facolta' di Ingegneria - Universita' di Siena,  
ITALY

### 13. Hybrid Systems and Computational Intelligence

**Prof. Witold Pedrycz**  
The University of Manitoba, Winnipeg,  
Manitoba, CANADA

**Prof. Hisao Ishibuchi**  
Osaka Prefecture University, JAPAN

## Special Session Organizers

*Adaptive Critic Designs*  
**Danil Prokhorov**  
Texas Tech University

*Visual System Models & Protheses*  
**Rolf Eckmiller**  
University of Bonn, Germany  
**Shiro Usui**  
Toyohashi University of Technology, Japan

*Neuro-Fuzzy Integration*  
**Mike Smith**  
University of California, Berkeley

*Linguistic Rule Extraction*  
**Hisao Ichibuchi**  
Osaka Prefecture University, Japan

*Intelligent Control Theory and Applications*  
**Sigeru Omatu**  
Osaka Prefecture University, Japan

*Neural Networks Applications for  
Monitoring of Complex Systems*  
**Amulya K. Garga**  
Pennsylvania State University

*Biommedical Applications of Neural  
Networks*  
**David Brown**  
Food and Drug Administration  
**Harry Burke**  
New York Medical College

*Sensors and biosensors*  
**Harold Szu**  
University of Southwestern Louisiana

*Knowledge-based Methods in Neural  
Networks*  
**Ian CLoete**  
University of Stellenbosch, South Africa  
**Robert Kozma**  
University of Otago, New Zealand  
**Lee Giles**  
NEC Research Institute, Princeton