

**International Joint Conference on
Neural Networks**

IJCNN 2000

Como, Italy • 24–27 July 2000

*Neural Computing: New Challenges and Perspectives
for the New Millennium*

Sponsored by

**IEEE Neural Network Council
International Neural Network Society
European Neural Network Society**

*With the technical cooperation of
Japanese Neural Network Society*

**AEI—the Italian Association of Electrical and Electronic Engineers
SIREN—the Italian Association of Neural Networks
AI*IA—the Italian Association for Artificial Intelligence**

Conference Organizers

General Chairperson

Prof. Mariagiovanna Sami, Politecnico di Milano, Italy

Vice General Chairperson

Prof. Eros Pasero, Politecnico di Torino, Italy

Technical Program Committee Chairperson

Prof. Marco Gori, Università di Siena, Italy

Technical Program Committee Vice-Chairperson for Europe and Africa

Prof. Vincenzo Piuri, Politecnico di Milano, Italy

Technical Program Committee Vice-Chairperson for the Americas

Prof. C. Lee Giles, NEC Research Institute, USA

Technical Program Committee Vice-Chairperson for Asia and Oceania

Prof. Shun-Ichi Amari, RIKEN, Japan

Special Sessions Chairperson

Prof. Robert J. Marks II, University of Washington, USA

Special Sessions Committee Members

Dr. Payman Arabshahi, JPL, USA
Prof. Alexandre P. Alves da Silva, Federal Engineering School at Itajuba, Brazil
Prof. Mohamed El-Sharkawi, University of Washington, USA
Dr. Michael Healy, The Boeing Company, USA
Mr. Jae-Byung Jung, University of Washington, USA

Tutorial Chairpersons

Prof. Erkki Oja, Helsinki University of Technology, Finland
Prof. Carlo Morabito, Università di Reggio Calabria, Italy
Dr. Harold Szu, Office of Naval Research, USA

Panel & Plenary Chairperson

Prof. Jacek Zurada, University of Louisville, USA

Steering Committee Chairperson

Prof. Gianni Orlandi, Università di Roma "La Sapienza", Italy

Steering Committee Members

Dr. David Brown, FDA, USA
Dr. Clifford Lau, Office of Naval Research 363, USA
Prof. Hanspeter A. Mallot, Max Planck Institut, Germany
Dr. Enrique H. Ruspini, SRI International, USA
Dr. Harold Szu, Office of Naval Research, USA
Prof. Minoru Tsukada, Tamagawa University, Japan
Dr. Paul Werbos, NSF, USA

IEEE Liason

Prof. Evangelia Micheli-Tzanakou, Rutgers University, USA

INNS Liason

Prof. Carlo Morabito, Università di Reggio Calabria, Italy

ENNS Liason

Prof. Hanspeter A. Mallot, Max Planck Institut, Germany

International Liason

Prof. Toshio Fukuda, Nagoya University, Japan

Financial Chairperson

Dr. William Fornaciari, Politecnico di Milano, Italy

Publication Chairperson

Dr. Marco Maggini, Università di Siena, Italy

Publicity Chairperson

Prof. Ron Sun, University of Missouri, USA

Local Arrangement Chairperson

Prof. Cesare Alippi, Politecnico di Milano, Italy

Program Committee Members

Prof. I. Aleksander, Imperial College, UK
Prof. Asakura, Fukui University, Japan
Prof. Y. Bengio, University of Montreal, Canada
Prof. J. Buhmann, Universität Bonn, Germany
Dr. D. Brown, FDA, USA
Prof. P. Campadelli, Università di Milano, Italy
Prof. A. Chella, Università di Palermo, Italy
Prof. H. Chi, Peking University, P.R. China
Dr. A. Colla, Elsag, Italy
Prof. G. Cybenko, University of Dartmouth, USA
Prof. W. Dunin-Barkowski, Texas Tech University, USA

Dr. F. Feldkamp, Ford, USA
 Dr. F. Fogelman-Soulie, BusinessDecision, France
 Prof. M. Forcada, Universidad de Alicante, Spain
 Prof. L.-M. Fu, University of Florida, USA
 Prof. T. Fukuda, Nagoya University, Japan
 Prof. K. Fukushima, University of Electro-Communications, Japan
 Dr. P. Gallinari, Université Paris 6, France
 Prof. W. Gerstner, EPFL, Switzerland
 Prof. J. Ghosh, University of Texas, USA
 Prof. S. Gielen, Katholieke Universiteit Nijmegen, The Netherlands
 Prof. K. Goser, Universität Dortmund, Germany
 Prof. Hirasawa, University of Kyushu, Japan
 Prof. M. Ishikawa, Kyushu Institute of Technology, Japan
 Dr. B. Kamgar-Parsi, NRL, USA
 Prof. N. Kasobov, University of Otago, New Zealand
 Prof. N. Kubota, Osaka Institute of Technology, Japan
 Prof. H.A.Mallot, Max Planck Institut, Germany
 Prof. D. Mange, EPFL, Switzerland
 Prof. P. Morasso, Università di Genova, Italy
 Prof. C. Morabito, Università di Reggio Calabria, Italy
 Prof. N. Murshed, Universidade Tuiuti do Paraná, Brazil
 Dr. L. Niklasson, International Relations, Sweden
 Prof. E. Oja, Helsinki University of Technology, Finland
 Prof. S. Omatu, Osaka Prefecture University, Japan
 Prof. P. Orponen, University of Jyväskylä, Finland
 Prof. G. Palm, University of Ulm, Germany
 Prof. F. Palmieri, Università di Napoli, Italy
 Prof. A. Parlos, Texas A&M University, USA
 Prof. W. Pedrycz, University of Alberta, Canada
 Prof. S. Phatak Dhananjay, University of Binghamton, USA
 Prof. I. Pitas, Aristotle University of Thessaloniki, Greece
 Prof. A. Prieto, University of Granada, Spain
 Prof. T. Roska, University of Berkeley, USA
 Prof. A. Roy, Arizona State University, USA
 Dr. R. Serra, TWX, Italy
 Prof. J. Shawe-Taylor, University of London, UK
 Prof. S. Singh, University of Exeter, UK
 Prof. A. Sperduti, Università di Pisa, Italy
 Prof. R. Sun, University of Missouri, USA
 Dr. R. Tagliaferri, Università di Salerno, Italy
 Prof. J. G. Taylor, King's College London, UK
 Prof. D. Wang, Ohio State University, USA
 Prof. S. Wermeter, University of Sunderland, UK
 Prof. L. Xu, Chinese University of Hong Kong, P.R. China

Registration Chairperson

Mrs. Lee Myers, Myers-Smith Inc., USA