International Joint Conference on Neural Networks

IJCNN 2004
Budapest, July 25-29, 2004

Sponsored by the IEEE Neural Networks Society and the International Neural Network Society
Technical cooperation with the European Neural Network Society and the Japanese Neural Network Society

Call for Papers

The annual International Joint Conference on Neural Networks (IJCNN), is one of the premier international conferences in the field. IJCNN 2004 will cover all topics in neural networks, including: vision and image processing; auditory and speech processing; cognitive information processing; conditioning, reward and behavior; learning and memory; computational neuroscience; systems neurobiology and neural modeling; neuroinformatics; reinforcement learning and adaptive dynamic programming; fuzzy neural systems; extended Kalman filters; support vector machines; principal component analysis and independent component analysis; Bayesian learning methods; various applications, e.g., biomedical system design, diagnostics, control, time series prediction, .... The full topic list can be viewed on the conference website at www.ijcnn.net. IJCNN 2004 will have plenary addresses by several prominent researchers. In addition to the regular topics, IJCNN 2004 special program highlights include:

- Neuromorphic hardware implementation
- Prostheses (with special emphasis to cochlear implants and retinal protheses)
- Bionics (with special emphasis on interfaces between living tissues and artificial devices, as well as bio-inspired sensors and MEMS)
- Real life applications and off-the-shelf equipment (including and Exhibition).

A parallel conference, FUZZ-IEEE 2004, will be organized, with a joint plenary morning session on one of the days of the conference. A tutorial Session on Sunday, July 25 will cover some emerging technologies and methods. A satellite conference, IEEE CNA 2004, will be organized on the preceding week on July 22-24, 2004.

For more information contact the General Chair Tamás Roska at roska@sztaki.hu. Paper submission information will be posted on the conference website

www.ijcnn.net

IJCNN 2004 Organizing Committee

General Chair: Tamás Roska (Budapest)
General Co-Chair: Evangelia Micheli-Tzanakou (Piscataway)
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Special Symposium Chair (Retinal Prostheses): Frank Werblin (Berkeley)
Publicity Chair: Derong Liu (Chicago)
Local Organizing Committee and Finance Chair: Gusztav Henesey (Budapest)
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Key Dates

- Special session proposals: November 15, 2003
- Notification of acceptance: December 15, 2003
- Paper submission: January 31, 2004
- Notification of acceptance: March 15, 2004
- Camera ready copies: May 15, 2004