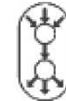


International Joint Conference on Neural Networks

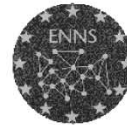


IEEE



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 prostheses)
- 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 CNNA 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

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Publication Chair: P. Szolgay (Budapest)

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