



**IJCNN2013**

**International Joint Conference on Neural Networks**

August 4-9, 2013, Dallas, TX, USA

<http://www.ijcnn2013.org/>

The International Joint Conference on Neural Networks is the premier international conference in the area of neural networks. IJCNN 2013 is organized by the International Neural Network Society (INNS), and sponsored jointly by INNS and the IEEE Computational Intelligence Society - the two leading professional organizations for researchers working in neural networks.

IJCNN 2013 will be held at the Fairmont Hotel in Dallas, Texas. It will feature invited plenary talks by world-renowned speakers in the areas of neural network theory and applications, computational neuroscience, robotics, and distributed intelligence. In addition to regular technical sessions with oral and poster presentations, the conference program will include special sessions, competitions, tutorials and workshops on topics of current interest.

The beautiful city of Dallas is a hub of the high technology world. The Fairmont Hotel provides convenient access to all the attractions of Dallas, and is very close to several desirable destinations for attendees and their families.

**Topics Covered**

- Neural network theory & Models
- Brain-machine interfaces
- Evolving neural systems
- Learning neural networks
- Neurodynamics
- Neuroengineering
- Neural network applications
- Collective intelligence
- Self-aware systems
- Data Streams processing
- Agent-based systems
- Bioinformatics
- Computational neuroscience
- Cognitive models
- Embodied robotics
- Self-monitoring neural systems
- Neuroinformatics
- Neural hardware
- Pattern recognition
- Machine vision
- Hybrid systems
- Data mining
- Sensor networks
- Computational biology
- Artificial life

**Organizing Committee**

- General Co-Chairs:** Plamen Angelov and Daniel Levine
- Program Chair:** Péter Érdi
- Program Co-Chairs:** Marley Vellasco and Emilio del Moral Hernandez
- Competitions Chair:** Sven Crone
- Tutorials Chair:** Leonid Perlovsky
- Special Sessions Chair:** Radu-Emil Precup
- Web Reviews Chair:** Thomasz Cholewo
- Panels Chair:** Juyeng Weng
- Publicity Chair:** Bill Howell
- Awards Chair:** Arthur Kordon
- Sponsors & Exhibits Chair:** Jagannathan Sarangipani
- Publications Chair:** Bruno Apolloni
- International Liaison:** Carlo Morabito
- European Liaison:** Petya Koprinkova
- Webmaster:** Dan Alexandru

**Plenary Speakers**

- **Klaas Stephan**, University of Zurich, Swiss Federal Institute of Technology
- **Olaf Sporns**, Indiana University
- **Lydia Kavradi**, Rice University

**Deadlines**

- **Special Session, Tutorial Proposals:** December 15, 2012
- **Post-Conference Workshop Proposals:** December 15, 2012
- **Paper Submissions Deadline:** February 1, 2013
- **Camera-Ready Paper Submissions:** May 1, 2013
- **Early Registration:** June 15, 2013



**INTERNATIONAL  
NEURAL NETWORK  
SOCIETY**



**IEEE  
Computational  
Intelligence  
Society**