



Brisbane Convention & Exhibition Centre
Brisbane, Australia
June 10, 2012 - June 15, 2012

IEEE-INNS International Joint Conference on Neural Networks

The annual International Joint Conference on Neural Networks (IJCNN) will be held jointly with the IEEE International Conference on Fuzzy Systems (FUZZ-IEEE) and the IEEE Congress on Evolutionary Computation (IEEE CEC) as part of the 2012 IEEE World Congress on Computational Intelligence (IEEE WCCI), June 10-15, 2012, Brisbane Convention & Exhibition Centre, Brisbane, Australia. Cross-fertilization of the three technical disciplines and newly emerging technologies is strongly encouraged.

Call for Contributed Papers

The annual IJCNN is the premier international conference in the field of neural networks. It covers all topics in neural networks including, but is not limited to:

Sponsors

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Neural network theory & models
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Cognitive models
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Neural control
Evolutionary neural systems
Neurodynamics and complex systems
Neuroinformatics
Neural hardware
Neural network applications
Neuroengineering

Computational neuroscience
Pattern recognition
Machine vision and image processing
Collective intelligence
Hybrid systems
Self-aware systems
Data mining
Sensor networks and intelligent systems
Applications
Computational biology
Bioinformatics

Important Dates

Competition proposals submission deadline

October 17, 2011

Special sessions proposal submission deadline

November 21, 2011

Special session decision notification

November 28, 2011

Paper submission deadline

December 19, 2011

Tutorial and Workshop proposal submission deadline

January 16, 2012

Tutorial and Workshop decision notification

January 23, 2012

Paper acceptance notification date

February 20, 2012

Final paper submission deadline

April 2, 2012

Early registration

April 2, 2012

Conference dates

June 10-15, 2012

IJCNN Organization Committee

Conference Chair
Cesare Alippi, Italy

Program Chair
Kate Smith-Miles, Australia

Technical Co-Chairs
Derong Liu, China
Pablo A. Estévez, Chile
Kay Chen Tan, Singapore

James Tin-Yau Kwok, Hong Kong

Ke Chen, UK

Robert Kozma, USA

Special Sessions Chair
Brijesh Verma, Australia

Tutorial and Workshop Chair
Haibo He, USA

Competitions Chair
Sung-Bae Cho, Korea

Call for Special Sessions

The IJCNN 2012 Program Committee solicits proposals for special sessions within the technical scopes of the Congress. Special sessions, to be organized by international recognized experts, aim to bring together researchers in special focused topics. Papers submitted for special sessions are to be peer-reviewed with the same criteria used for the contributed papers. Proposals should include the session title, a brief description of the scope and motivation, biographic and contact information of the organizers. Researchers interested in organizing special sessions are invited to submit formal proposal to the Special Session Chair:

Brijesh Verma at b.verma@cqu.edu.au.

Call for Tutorials and Workshops

IJCNN 2012 will also feature pre-Congress tutorials and workshops, covering fundamental and advanced neural network topics. A tutorial or workshop proposal should include title, outline, expected enrollment, and presenter/organizer biography. We invite you to submit proposals to the Tutorial and Workshop Chair:

Haibo He at he@ele.uri.edu

Call for Competitions

IJCNN 2012 will host competitions to stimulate research in neural networks, promote fair evaluations, and attract students. The proposals for new competitions should include descriptions of the problems addressed, motivations, expected impact on neural networks and machine learning, and established baselines, schedules, anticipated number of participants, and a biography of the main team members. We invite you to submit proposals to the Competitions Chair:

Sung-Bae Cho at sbcho@yonsei.ac.kr.

General Enquires for IEEE WCCI 2012 should be sent to the General Chair:
Hussein Abbass at h.abbass@adfa.edu.au