

FIRST ANNOUNCEMENT – CALL FOR PAPERS



ICANN 2012

11-14 September 2012
Lausanne, Switzerland

Submissions are invited for the **22nd International Conference on Artificial Neural Networks, ICANN 2012**, to be held at the Dorigny Campus of the University of Lausanne, Switzerland, from September 11 through September 14, 2012. ICANN is an annual conference organized by the **European Neural Network Society** and is the premier European event in all topics related to neural networks. ICANN 2012 welcomes contributions in the following broad areas:

Neural network theory & models	Brain machine interfaces	Neural hardware
Computational neuroscience	Evolutionary neural networks	Bioinspired embedded systems
Neuronal automata	Neurodynamics	Collective intelligence
Connectionist cognitive science	Complex systems	Self-organization
Pattern recognition	Neuroinformatics	Embodied robotics
Neuroeconomics	Neuroengineering	Learning algorithms
Neurofinance	Hybrid systems	Neural data analysis
Graphical network models	Computational biology	Cognitive models

CONFERENCE FRAMEWORK

ICANN 2012 will feature: Double-track contributed technical talks and poster sessions describing the latest research from around the world. Six plenary lectures by world-famous researchers. Special sessions covering hot topics of interest. Pre-conference tutorials and workshops with presentations by experts. Challenging competitions on neural network applications. Reduced fees and travel-awards for students.

CONFERENCE PROCEEDINGS AND PUBLICATIONS

The Proceedings of accepted papers (8 pages max.) will be published by Springer-Verlag (Lecture Notes in Computer Science). Selected papers will be invited for an extended version to be published after the Conference in the Elsevier's journal Neural Network and Springer's journal Cognitive Neurodynamics.

Please check the conference website for updates: <http://www.icann2012.org>

Organizing Committee Chairs

- **General Chair**
Alessandro E.P. Villa (University of Lausanne)
- **Program co-Chairs**
Wlodzislaw Duch (Torun, Poland & Singapore, ENNS Past-President)
Péter Erdi (Budapest, Hungary & Kalamazoo, MI, USA)
Timo Honkela (Helsinki, Finland)
Günther Palm (Ulm, Germany)
- **ICANN 2012 Secretariat**
Daniela Serracca-Fracalvieri <daniela@icann2012.org>

Submission Deadlines:

- **Workshop/Special Session Proposals**
January 30, 2012
- **Tutorial/ Competition Proposals**
January 30, 2012
- **Papers**
February 13, 2012