

CALL FOR PAPERS

The 18th International Conference on Artificial Neural Networks

ICANN 2008

to be held in Prague, Czech Republic
September 3-6, 2008

<http://www.icann2008.org>



Conference Organisers

Institute of Computer Science,
Academy of Sciences of the Czech Republic

Computational Intelligence Group,
Faculty of Electrical Engineering,
Czech Technical University in Prague

Action M Agency

Under the Auspices of

ENNS - European Neural Network Society, in co-operation with the
INNS - International Neural Network Society and the
JNNS- Japanese Neural Network Society



We invite contributed papers for the ICANN 2008 on mentioned topics. Papers (maximum length 10 pages LNCS style) will be peer reviewed, and the proceedings of the ICANN will be published in Springer's Lecture Notes in Computer Science series. It is expected that extended versions of selected ICANN 2008 papers will be published in special issues of international journals.

Venue

The ICANN 2008 conference will be in Prague, Czech Republic. The conference will take place at **Diplomat Hotel** Evropska 15 <http://www.diplomathotel.cz> conveniently located two metro stops from the historical center with very good connection to the airport and the whole public transportation system.

Topics

- Computational neuroscience, connectionist cognitive science
- Neural and hybrid architectures and learning algorithms
- Mathematical theory of neurocomputing and learning
- Computational intelligence, hybrid systems
- Data analysis, pattern recognition, image processing
- Signal and time series processing, blind source separation
- Neural dynamics and complex systems, self-organization
- Graphical networks models, Bayesian networks
- Inductive modelling
- Neuroinformatics
- Neural control, planning and robotics applications
- Hardware implementations and embedded systems
- Intelligent Multimedia and the Semantic Web
- Real world applications

Important Dates / Deadlines

February 1, 2008 Special session/workshops proposals
March 3, 2008 Paper submission deadline
May 12, 2008 Acceptance/rejection notification
May 30, 2008 Camera ready papers and early registration
September 3 – 6, 2008... ICANN 2008 Conference

