



in cooperation with AAAI

## Call for Papers FLAIRS-2006 Special Track on Neural Networks

The 19th International FLAIRS Conference (FLAIRS-2006)

Special Track on Neural Networks  
Holiday Inn-Melbourne Oceanfront  
Melbourne Beach, Florida May 11-13, 2006  
<http://www.indiana.edu/~flairs06>

### Important Dates

- Submission deadline: November 21, 2005
- Acceptance notification: January 20, 2006
- Final versions due: February 13, 2006

Papers are being solicited for a special track on Neural Network Applications at the 19th International FLAIRS Conference (FLAIRS-2006). The special track will be devoted to Neural Networks with the aim of presenting new and important contributions in this area. The areas include, but are not limited to, the following: applications such as Pattern Recognition, Control and Process Monitoring, Biomedical Applications, Robotics, Text Mining, Diagnostic Problems, Telecommunications, Power Systems, Signal Processing; algorithms such as new developments in Back Propagation, RBF, SVM, Ensemble Methods, Kernel Approaches; hybrid approaches such as Neural Networks/Genetic Algorithms, Neural Network/Expert Systems, Causal Nets trained with Backpropagation, and Neural Network/Fuzzy Logic; or any other area of Neural Network research which is related to artificial intelligence.

### Submission Guidelines

Interested authors must submit completed manuscripts by November 21, 2005. Submissions should be no more than 6 pages (4000 words) in length, including figures, and contain no identifying reference to self or organization. Papers should be formatted according to AAAI Guidelines. Submission instructions can be found at FLAIRS-06 website at <http://www.indiana.edu/~flairs06>. Notification of acceptance will be mailed around January 20, 2006. Authors of accepted papers will be expected to submit the final camera-ready copies of their full papers by February 13, 2006 for publication in the conference proceedings which will be published by AAAI Press. Authors may be invited to submit a revised copy of their paper to a special issue of the International Journal on Artificial Intelligence Tools (IJAIT). Questions regarding the track should be addressed to: David Bisant at [bisant@umbc.edu](mailto:bisant@umbc.edu).

### Initial Special Track Committee

- Ingrid Russell (Co-Chair), University of Hartford, USA
- David Bisant (Co-Chair), The Laboratory for Physical Sciences, USA
- Georgios Anagnostopoulos, Florida Institute of Technology, USA
- Jim Austin, University of York, UK
- Geof Barrows, Centeye Corporation, USA
- Serge Dolenko, Moscow State University, Russia
- Erol Gelenbe, Imperial College London, UK
- Michael Georgiopoulos, University of Central Florida, USA
- Luis Martí, Univ. Carlos III de Madrid, Spain
- Costas Neocleous, University of Cyprus, Cyprus
- Sergio Roa Ovalle, National University of Colombia, Columbia
- Roberto Santana, University of the Basque Country, Spain
- C. N. Schizas, University of Cyprus, Cyprus
- Chellu Chandra Sekhar, Indian Institute of Technology, India

### FLAIRS 2006 Invited Speakers

- Alan Bundy, University of Edinburgh, Scotland
- Bob Morris, NASA Ames Research Center, USA
- Mehran Sahami, Stanford University and Google, USA
- Barry Smyth, University College Dublin, Ireland