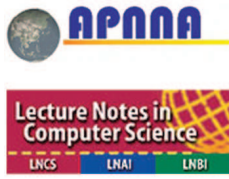


Final Call for Papers



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Challenges and Trends of Neural Information Processing

The 16th International Conference on Neural Information Processing (ICONIP'09) aims to bring together scientists, practitioners, and students worldwide to discuss the past, present, and future *challenges and trends* in the field of neural information processing. ICONIP'09 solicits contributions from the following non-exclusive list of topics in neural information processing and related areas:

Cognitive Science	Computational Neuroscience
Mathematical Modeling and Analysis	Learning Algorithms
Support Vector Machines	Self-Organizing Map
Independent Component Analysis	Pattern Classification
Face Analysis and Processing	Image Processing
Signal Processing	Computer Vision
Hybrid Systems	Forecasting and Prediction
Evolutionary Computation	Hardware
Fuzzy Systems	Information Security
Data and Text Processing	Financial Applications
Manufacturing Systems	Control and Robotics
Other Emerging Computational Methods	Bioinformatics and Biomedical Applications

Technical Highlights

- Keynote speech by Shun-ichi Amari
- Plenary talks by Jun Wang, Nik Kasabov, Kunihiro Fukushima, Ron Sun, DeLiang Wang, Chidchanok Lursinsap
- Invited talks by Soo-Young Lee, Wlodzislaw Duch, Shiro Usui, Masumi Ishikawa, Yuzo Hirai, Bao-Liang Lu, Zhi-Hua Zhou, Minho Lee, Andrew Chi-Sing Leung, Tom Gedeon, Paul S. Pang, Lipo Wang
- 6 tutorials which are inclusive with an ICONIP'09 registration
- 10 approved special sessions and 5 confirmed special issues
- An inaugural competition and a post-ICONIP'09 workshop.

Paper Submission

Prospective authors are invited to submit original, high quality manuscripts of up to eight A4-pages electronically. The submission must conform to the Springer LNCS format. All accepted papers will be able to be published in proceedings of ICONIP'09 as an LNCS volume. Extended version of selected papers will be invited for publication in special issues of international journals after the conference.

Important Dates (deadlines extended)

Submission deadline: ~~June 1, 2009~~ ~~June 30, 2009~~ **July 28, 2009**
Notification of acceptance: ~~August 1, 2009~~ **August 15, 2009**
Camera-ready manuscript and pre-registration: ~~September 1, 2009~~ **September 6, 2009**

