Ninth International Symposium on Neural Networks

July 11-14, 2012   Shenyang, China

Call for Papers

http://isnn.mae.cuhk.edu.hk

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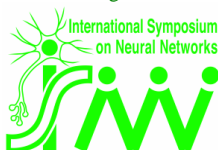
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The Ninth International Symposium on Neural Networks (ISNN 2012) will be held in Shenyang, following the successes of previous events. Shenyang is the capital of Liaoning Province in northeastern China with a long history and rich heritages. Shenyang was the capital of the Manchu people in the 17th century and is the biggest city in northeastern China today. Shenyang is now an important political, industrial, and cultural center in China, and serves as the transportation and commercial hub of Northeastern China. The city has a solid infrastructure, a good land and air transport network, and abundant natural resources.

ISNN 2012 aims to provide a high-level international forum for scientists, engineers, and educators to present the state of the art of neural network research and applications in related fields. The symposium will feature plenary speeches given by world renowned scholars, regular sessions with broad coverage, and special sessions focusing on popular topics.

Call for Papers and Special Sessions

Prospective authors are invited to contribute high-quality papers to ISNN 2012. In addition, proposals for special sessions within the technical scopes of the symposium are solicited. Special sessions, to be organized by internationally 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. Researchers interested in organizing special sessions are invited to submit formal proposals to ISNN 2012. A special session proposal should include the session title, a brief description of the scope and motivation, names, contact information and brief biographical information on the organizers.

Topic Areas

Computational neuroscience, connectionist theory and cognitive science, mathematical modeling of neural systems, neurodynamic analysis, neurodynamic optimization and adaptive dynamic programming, embedded neural systems, probabilistic and information-theoretic methods, principal and independent component analysis, hybrid intelligent systems, supervised, unsupervised and reinforcement learning, brain imaging and neural information processing, neuroinformatics and bioinformatics, support vector machines and kernel methods, autonomous mental development, data mining, pattern recognition, time series analysis, image and signal processing, robotic and control applications, telecommunications, transportation systems, intrusion detection and fault diagnosis, hardware implementation, real-world applications.

Paper Submission

Authors are invited to submit full-length papers (10 pages maximum) by the submission deadline through the online submission system. Potential organizers are also invited to enlist five or more papers with cohesive topics to form special sessions. The submission of a paper implies that the paper is original and has not been submitted under review or is not copyright-protected elsewhere and will be presented by an author if accepted. All submitted papers will be refereed by experts in the field based on the criteria of originality, significance, quality, and clarity. The authors of accepted papers will have an opportunity to revise their papers and take consideration of the referees' comments and suggestions. Papers presented at ISNN 2012 will be published in the EI-indexed proceedings (Springer LNCS) and some selected good papers will be included in special issues of several SCI-indexed journals.

Important Dates

Special session proposals deadline……………………………………………………….. …January 1, 2012
Paper submission deadline…………………………………………………………………... ..January 15, 2012
Notification of acceptance…………………………………………………………….……. ..March 15, 2012
Camera-ready copy and author registration…………………………………………………… April 1, 2012