

Special Session on Intelligent Systems and Artificial Neural Networks (ISANN)

Under the framework of the 10th International Conference on Intelligent
Design and Applications, ISDA'10
November 29 – December 1, 2010, Cairo, Egypt
Conference web page: <http://cig.iet.unipi.it/isda2010/>

Session Chairs

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Introduction: An Artificial Neural Networks (ANN) is an information paradigm that inspired from the way the Human biological nervous systems works. The key element of ANN is the novel structure of the information processing system. It consists of large number of processing elements named “Neurones” that are united to solve a specific problems including pattern recognition or data classification, through a learning process. In addition, ANN is successfully applied approach to address many industrial problems. They have been used in many different real world intelligent systems where learning is the key in these systems.

Therefore, this session is looking for novel research in the field of ANN and their usage in different systems and applications including but not limited to:

- Process Engineering, Control and Monitoring
- Technical Diagnosis and Nondestructive Testing
- Power Systems
- Robotics
- Transportation

- Telecommunications
- Remote Sensing
- Banking, Finance and Insurance
- Document Processing
- Medicine

Instructions for Authors:

Papers must correspond to the requirements detailed in the (Paper Submission) on the conference flyer <http://cig.iet.unipi.it/isda2010/flyer.pdf> and All accepted papers will be published in the proceedings of ISDA'10 that will be also included in the IEEEExplore digital library. Extended versions of selected papers will be considered for publication

Registration Fees:

All papers must be presented by one of the authors, who must pay the registration fees.

<http://cig.iet.unipi.it/isda2010/>

Paper Reviewing and Publication

Submitted papers will be reviewed. Accepted papers, which should not exceed 6 pages (PDF) following the double column IEEE format. All accepted papers will be published in the proceedings of the ISDA'10. Selected papers will be published in special issues of a selection of International Journals (to be announced).

Tentative Dates of Submission and Acceptance

- Deadline for paper submission June 26, 2010
- Notification of acceptance August 14, 2010
- Camera-ready manuscript submission September 15, 2010