

# ISDA'09

9<sup>th</sup> International Conference on Intelligent Systems Design and Applications

November 30 - December 2, 2009, PISA, ITALY

## Call for Papers: Special Session on

## Intelligent Systems for Industrial Processes

<http://www2.ing.unipi.it/~o1553499/isip/>

Intelligent Systems are becoming a consolidated discipline which aims at improving various existing approaches in a wide variety of application areas. They shall therefore more and more prove their capabilities in real-world applications, such as those found in many industrial domains. It is clear that the use of Intelligent Systems becomes meaningful only when it aims at solving tough problems. Yet, because of the nature of complex problems, it is often difficult to compare their performance fairly with traditional approaches. Thus managers and decision-makers often find difficult and risky to apply a new technology unless they have a clear indication of its advantages, drawbacks and, most important, the added value the new technology offers. The aim of this special session is to gather contributions showing the effectiveness of Intelligent Systems applied to real-world industrial processes, with the aim to convince decision-makers of the advantages they can get with their use. It is important that the contributions provide a synthetic although clear view of the problem under consideration, together with a clear description of the Intelligent System used. They shall also present a comparison between the proposed approach and the state-of-the-art traditional techniques, preferably clearly stating all the costs (equipment, training, risks) involved and the achievable economical advantages.

### Instructions for Authors

All instructions for submission can be found in the Conference Web site. In particular, submitted papers should follow the IEEE paper format (<http://cig.iet.unipi.it/isda09/index.php/author-guide.html>). All papers must be submitted electronically in PDF format only using EasyChair associated site of ISDA'09 Conference.

### Publication

All accepted papers will be published in the proceedings of ISDA'09 that will be also included in the IEEEExplore digital library. Extended versions of selected papers will be considered for publication in the following list of Journals:

- Applied Soft Computing, Elsevier
- Soft Computing, Springer
- Evolutionary Intelligence, Springer

- International Journal of Hybrid Intelligent Systems, IOS Press
- International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, World Scientific
- International Journal of Computational Intelligence and Applications, World Scientific
- Neural Network World, Academy of Science, Czech Republic

## Important Dates

- Submission of papers: **June 20, 2009**
- Notification of acceptance: **July 25, 2009**
- Camera-ready manuscript submission: **September 15, 2009**

## Session Chairs and Contacts

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