



# Call for Paper

## Special Session on

### Hybrid Intelligent Systems and Applications

This session is organized as a part of  
The 5th International Workshop on Soft Computing  
Models for Industrial Applications

16th-18th June, 2010 - Guimaraes, Portugal

<http://soco2010.di.uminho.pt>

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Hybrid intelligent systems are becoming popular due to their capabilities in handling many real world complex problems, involving imprecision, uncertainty, vagueness and high-dimensionality. Hybridization of intelligent systems are becoming popular and a promising research field due to their capabilities in handling many real world complex problems, involving imprecision, uncertainty, vagueness and high-dimensionality. A fundamental stimulus to the investigations of Hybrid Intelligent Systems is the awareness that combined approaches will be necessary if the remaining tough problems in Artificial Intelligence are to be solved. **Recommended topics include but are not limited to the following:**

- |                                               |                                            |
|-----------------------------------------------|--------------------------------------------|
| 1- Intelligent agent-based systems            | 6- Visualization Techniques                |
| 2- Machine Learning for multimedia Processing | 7- Applications in: security, prediction,  |
| 3- Hybrid Intelligent Data mining             | control, robotics, image and speech signal |
| 4- Computational Biology and Bioinformatics   | processing, bioinformatics, biology and    |
| 5- Nature-inspired Smart Hybrid Systems       | medicine, business, etc..                  |

Authors are invited to submit a paper by February 8, 2010, through the on line paper submission system in PDF format.

Through the SOCO 2010 conference management system <https://cmt.research.microsoft.com/SOCO2010>

All accepted papers will be published in a special volume of *Advances in Intelligent and Soft Computing* (Springer), indexed by ISI Proceedings, DBLP and Springerlink, among others.

#### Important dates

- **February 8, 2010** Deadline for paper submission.
- **March 8, 2010** Acceptance/Rejection notifications.
- **March 29th, 2010** Deadline for submission of final versions of papers