



# Intelligent Automation and Soft Computing

An International Journal

## Call for Papers

### Special Issue on Soft Computing & Signal Processing

Signal Processing is a most relevant issue for the success of applications where Soft Computing is involved. Researchers are discovering new solutions that successfully combine both disciplines. Advanced preprocessing algorithms and methods allow to optimize design data associated to Fuzzy Logic, Artificial Neural Networks, Evolutionary Computation and Probabilistic reasoning applications. This special issue aims at providing a representative cross-section of innovative and practical research in the synergic applications of Soft Computing and Signal Processing.

**Application areas of interest include, but are not limited to, soft computing-based technology for the following:**

- Biomedical applications and aid to disabled
- Image analysis. Object recognition and detection
- Multimedia systems
- Speech recognition
- Human-Machine interface
- Digital Signal Processing Applications
- Domotics
- Learning and adaptation
- Sensors and Systems
- Earth Sciences Applications
- Data Analysis and Decision Theory
- Fractals, Wavelets and Filter Banks

**Important Dates** (author deadlines in boldface):

Call for papers:	December 2006
Deadline for expression of interest:	<b>8 February 2007</b>
Notification of intent to proceed:	19 February 2007
Deadline for paper submission:	<b>19 April 2007</b>
Notification of acceptance:	5 July 2007
Final manuscript due:	<b>30 September 2007</b>
Publication of special issue:	2008

**Instructions for Submission of Papers:**

The journal will consider two types of papers: articles and short papers. Articles will be full-length papers (over 8 pages in length) reporting original contributions or significant results. Short papers (between 5-8 typeset pages in length) present new ideas, preliminary and brief results. Papers emphasizing applications are especially welcome.

Electronic submissions in Microsoft Word and/or PDF format are strongly encouraged via e-mail to [gi.gasc@upm.es](mailto:gi.gasc@upm.es); however, manuscripts in hardcopy form (4 copies) will be accepted at the address of the guest editor.

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