



## Special Session on “Fuzzy Logic, Soft Computing and Applications”

### Scope

Fuzzy logic and fuzzy methods have proved to be an important tool in the development of several real-world problems. The recent trends concerning Soft Computing or, more generally, Computational Intelligence, have fostered the integration of tools from different research lines (such as fuzzy logic, neural networks, evolutionary computing).

The aim of this special session is to bring researchers in the field of Mathematical Methods in Computational Intelligence, with a special focus on Fuzzy Logic and Soft Computing Applications, to exchange their ideas and approaches, to discuss and to present latest results on this field.

This special session is organized within the 12<sup>th</sup> International Work-Conference on Artificial Neural Networks ([IWANN 2013](#)), which will be held in Puerto de la Cruz (Tenerife), Canary Islands (SPAIN).

The IWANN conference is ranked B by CORE (Computing Research and Education Association), and is ranked 55<sup>th</sup> out of 701 conferences considered, in the field of Artificial Intelligence, by CSCR (Computer Science Conference Ranking).

### Topics (non-exclusive)

- Fuzzy sets and fuzzy logic
- Approximate reasoning
- Formal concept analysis and uncertainty
- Information fusion
- Knowledge representation
- Pattern recognition
- Fuzzy logic and databases
- Granular computing
- Computing with words
- Argumentation
- Knowledge acquisition
- Image understanding

### Submission

Original manuscripts should not exceed 8 pages in the [LNCS Springer-Verlag format](#). Submissions will be accomplished through the [contributions/submission](#) section at the conference webpage. All presented communications will be included in the proceedings of IWANN'13, which will be published in the Lecture Notes on Computer Science (LNCS) series.

### Important Dates

Jan 28, 2013	Submission of papers
Feb 25, 2013	Notification of acceptance
Mar 11, 2013	Submission of final papers
Jun 12-14, 2013	IWANN Conference

### Organizers

Dr. Inma P. Cabrera  
Dr. Pablo Cordero  
Dr. Manuel Ojeda-Aciego

Dept. of Applied Mathematics  
ETSI Informática  
University of Malaga (SPAIN)