



**CALL FOR PAPERS FOR THE FLINS 2008 SPECIAL SESSION ON**

## **Recent Advances in Atanassov's Intuitionistic Fuzzy Sets**

organized by Profs. *E. Barrenechea* and *E. Szmidt*

After the introduction of the concept of fuzzy sets by L. Zadeh in 1965 several researches were conducted on the extensions of the notion of fuzzy set. An important extension of fuzzy set theory is the theory of Atanassov's intuitionistic fuzzy sets (A-IFSs).

A-IFSs have drawn the attention of many researches the last decades. This is mainly due to the fact that A-IFSs are consistent with human behaviour. With the interest in A-IFSs still rising, the aim of this session is to allow researchers to present their recent results. Authors are invited to submit papers describing theoretical or practical results obtained in A-IFSs.

This session covers the following topics but not limited to:

- Intuitionistic Fuzzy Sets Theory
- Intuitionistic Fuzzy Measures
- Intuitionistic Fuzzy Correlation Measures
- Intuitionistic Fuzzy Logic Systems
- Operators on Intuitionistic Fuzzy Sets
- ...

and their application to

- Signal Processing
- Image Processing
- Video Processing
- Pattern Recognition
- Decision Making
- Medical Diagnosis
- ...

### **IMPORTANT DATES:**

- **Paper Submission:** January 15, 2008
- **Acceptance Letter:** March 15, 2008
- **Final Paper Submission and Registration:** April 15, 2008

Submit your paper to [flins2008@mat.ucm.es](mailto:flins2008@mat.ucm.es) or to organizers e-mail address indicating that your paper is for the special session **Recent Advances in Atanassov's Intuitionistic Fuzzy Sets** organized by

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