



***FLINS 2008***

<http://www.mat.ucm.es/congresos/flins2008>

## **CALL FOR PAPERS**

### **Special session on**

### ***Approaches for Information Fusion and Its Application to Decision-Making***

Dear colleagues,

We would like to invite you to participate to the special sessions on information fusion and its application to decision making that will be part of the next FLINS2008 conference program.

The use of information fusion techniques in decision making processes have been widely provided in the literature. Both topics are quite important regarding different research areas in *social science, engineering, computer science, psychology*, etc. The advances in information fusion imply improvements or new methods in decision making.

This invited session aims at providing an opportunity for researchers working in both research areas to discuss the state-of-the-art science and technologies, and their applications, to share their new ideas, original research results and practical experiences.

More specifically, we expect you to have any contribution with the focus on fusion methods and algorithms for merging multiple information for decision making purpose. The approaches could be either numerical or symbolic, or both, could be based on probability theory, fuzzy/possibility theory, belief function theory, and logical-based approaches. Any

research on modelling uncertain information using these formalisms, aggregation approaches offered by them, as well as conflict/inconsistency analysis among multiple piece of uncertain information within these theories is welcome.

For the practical organization of the session, we would appreciate your contribution. We would take advantage of the outcome of this session to join researchers from both areas for future cooperation and joint research.

All papers submitted in this session will be peer-reviewed. Accepted papers will be published in the conference proceedings. The extended version of best papers will be further reviewed to be considered in a special issue of international journal.

We would be very glad to receive your interest to this session. For that, please send a **tentative title and a short abstract of your contribution, as well as your contact details** for this session **before 15<sup>th</sup> December, 2007**.

Afterwards, we will expect you to submit the full paper contribution (4-6 pages) **before January 15, 2008** through the conference website, <http://www.mat.ucm.es/congresos/flins2008/> specifying the title of the special session and the organizers in the headings of the contribution. Also please send a copy by email to [j.liu@ulster.ac.uk](mailto:j.liu@ulster.ac.uk) or [martin@ujaen.es](mailto:martin@ujaen.es).

We are looking forward to meet you in Madrid.

## Organizers

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