



FLINS 2008

CALL FOR PAPERS

Special session on

***Logic-Based Reasoning and Decision-Making under Uncertainty:
Approaches, Algorithms and Applications
(LB-R&DM-U)***

The special session LB-R&DM-U will be part of The 8th International FLINS Conference on Computational Intelligence in Decision and Control Madrid, Spain, September 21-24, 2008 (<http://www.mat.ucm.es/congresos/flins2008/>).

AIM AND SCOPE

Logic-based formalisms play a very important role in artificial intelligence realm and have made significant contributions both to the theory and practice of artificial intelligence.

The purpose of the session is to bring together some researchers who use logic as a fundamental and support tool in reasoning and decision-making under uncertainty (R&DM-U) so as to further an understanding of the fundamental relations between R&DM-U and logic, clarify the rationality and applicability of logic supported R&DM-U, review accomplishments, assess future directions, and share the research in LB-R&DM-U.

Papers on all aspects of R&DM-U based on or closely related to different varieties of logics are invited (include, but are not limited to: R&DM-U with non-classical logics, e.g., multi-valued logic, fuzzy logic, possibility logic, probabilistic logics, spatial and temporal logics, deontic logic, non-monotonic logic, logic algebra, logic programming, argumentation, etc.), which can be theoretical formalisms, calculi and methodologies; algorithms investigation or practical applications. We specially welcome submissions of papers on the special focus on applications.

IMPORTANT DATES

<i>December 10, 2007</i>	Tentative title and a short abstract
<i>January 15, 2008</i>	Full paper (4-6 pages) submission deadline
<i>March 15, 2008</i>	Notification of authors of accepted papers
<i>April 15, 2008</i>	Final paper submission and registration
<i>September 21-24, 2008</i>	FLINS2008 conference date

We would be very glad to receive your interest to this session. For the organization purpose, please send a **tentative title and a short abstract of your contribution** for this session **before 10th December, 2007**.

Afterwards, you are expected 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 xuyang@home.swjtu.edu.cn or j.liu@ulster.ac.uk

ADDITIONAL PUBLICATIONS

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.

Organizers

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