



ISKE 2013 SPECIAL SESSION: Decision Making under Uncertainty: Models and Applications

Decision making is an inherent mankind activity, frequently present in a wide range of applications and research areas, such as engineering, psychology, management, economy, medicine and so on. Due to this variety of disciplines and decision situations, a number of models and decision support tools have been developed to aid humans during the resolution of decision making problems, and they have been put in practice in many real-life application contexts in which uncertainty is present. Many approaches and tools to model and manage such uncertainty have been proposed in the last decades in decision making.

Aims and Scope

This special session aims at providing an opportunity for researchers working in the diverse areas of decision making under uncertainty to discuss theoretical and practical aspects, methodologies and applications related to such areas, to share their novel ideas, research results and practical experiences. Authors are encouraged to submit their manuscript to this special session on *Decision Making under Uncertainty: Models and Applications*.

For the practical organization of the session, your contribution is appreciated. The outcome of this special session would serve to join researchers from diverse areas within the field of decision making under uncertainty for future cooperation and joint research.

Topics include, but are not limited to, the following:

- Theoretical aspects on decision making under uncertainty
- Uncertainty modeling and management
- Fuzzy decision making
- Decision analysis tools
- Multi-criteria decision making
- Dynamic decision making
- Group decision making
- Consensus reaching processes
- Social choice theory
- Aggregation operators
- Computing with words in decision making
- Decision support systems
- Practical applications

Submissions

The important dates are, according to the ISKE 2013 conference guidelines:

- Paper submission: June 20th, 2013.
- Notification of acceptance: July 20th, 2013.
- Final paper submission: August 20th, 2013.

More available information about paper submission and format guidelines, is available at:

http://kjb.szu.edu.cn/iske/paper_submission.asp

Organizers

Luis Martínez

University of Jaén, Department of Computer Sciences
Campus Las Lagunillas s/n, 23071 Jaén, Spain
Email: martin@ujaen.es

Jun Liu

University of Ulster at Jordanstown
School of Computing and Mathematics, Faculty of Computing and Engineering
Northern Ireland, UK
Email: j.liu@ulster.ac.uk

Iván Palomares

University of Jaén, Department of Computer Sciences
Campus Las Lagunillas s/n, 23071 Jaén, Spain
Email: ivanp@ujaen.es