



10th European Conference on

Symbolic and Quantitative Approaches to Reasoning under Uncertainty

July 1-3, 2009 – Verona (Italy)

Call for Papers

The biennial ECSQARU conferences are a major forum for advances in the theory and practice of reasoning under uncertainty. Contributors are expected to come both from researchers interested in advancing the technology and from practitioners who are using uncertainty techniques in applications. The scope of ECSQARU includes, but is not limited to, fundamental issues, representation, inference, learning, and decision making in qualitative and numeric paradigms.

Previous ECSQARU conferences have been held in Marseille (1991), Granada (1993), Fribourg (1995), Bonn (1997), London (1999), Toulouse (2001), Aalborg (2003), Barcelona (2005) and Hammamet (2007). The Tenth European Conference on Symbolic and Quantitative Approaches to Reasoning under Uncertainty will be held in Verona, Italy, on July 1-3, 2009.

Possible topics include, but are not limited to:

- Foundations of reasoning and decision making under uncertainty
- Default reasoning
- Bayesian networks
- Belief revision & inconsistency handling
- Causal networks
- Argumentation systems
- Decision theory and graphs
- Learning for uncertainty formalisms
- Markov decision processes
- Automated planning & acting
- Game theoretic agents
- Information fusion
- Belief functions
- Uncertainty & data mining
- Fuzzy sets and Fuzzy Logic
- Classification & clustering
- Rough sets
- Algorithms for uncertain inference
- Possibility theory
- Empirical studies of algorithms
- Logics for reasoning under uncertainty
- Implementation and applications of uncertain systems

The proceedings of ECSQARU 2009 will be published in the **Lecture Notes in Computer Science** series of Springer. Authors are requested to prepare their papers in the LNCS/LNAI format. Papers must not exceed **12 pages** and must be submitted as **PDF** electronically. Papers that are not in the stated format or that exceed the page limit will not be reviewed.

Submitted papers will be evaluated by peer review on the basis of originality, significance, technical soundness, and clarity of exposition. All accepted papers will be included in the conference proceedings. Authors of accepted papers are expected to attend the conference and to make oral presentations about their work.

Early registration will include a ticket for Bizet's Carmen at the roman Arena.

General chair:

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Important dates:

Paper submission: January 9, 2009
Notification: March 9, 2009
Final version: April 9, 2009
Early registration: May 15, 2009
Conference: July 1-3, 2009

Web site: <http://www.isib.cnr.it/ecsqaru2009/>