



# ECSQARU 2013

## The 12<sup>th</sup> European Conference on Symbolic and Quantitative Approaches to Reasoning with Uncertainty

July 7th -10th, 2013

Utrecht University: Utrecht, The Netherlands



The biennial ECSQARU conferences constitute a major forum for advances in the theory and practice of reasoning under uncertainty. Contributions come from researchers interested in advancing the technology and from practitioners using uncertainty techniques in real-world applications. The scope of the ECSQARU conferences encompasses fundamental issues, representation, inference, learning, and decision making in qualitative and numeric uncertainty paradigms.

Previous ECSQARU events have been held in Marseille (1991), Granada (1993), Fribourg (1995), Bonn (1997), London (1999), Toulouse (2001), Aalborg (2003), Barcelona (2005), Hammamet (2007), Verona (2009) and Belfast (2011). The **Twelfth European Conference on Symbolic and Quantitative Approaches to Reasoning with Uncertainty** will be held in Utrecht, The Netherlands, on July 8th–10th, with a tutorial and workshop programme on July 7th, 2013.

For ECSQARU 2013 we invite submissions of conference papers on topics which include but are not limited to:

- Algorithms for uncertain inference
- Applications of uncertain systems
- Argumentation systems
- Automated planning & acting under uncertainty
- Belief functions
- Belief revision & merging
- Classification & clustering
- Decision theory & decision graphs
- Default reasoning
- Description logics with uncertainty
- Foundations of reasoning under uncertainty
- Fuzzy sets & fuzzy logic
- Game theory
- Imprecise probabilities
- Inconsistency handling
- Information fusion
- Learning for uncertainty formalisms
- Logics for reasoning under uncertainty
- Markov decision processes
- Possibility theory & possibilistic logic
- Preferences
- Probabilistic graphical models
- Probabilistic logics
- Qualitative uncertainty models
- Rough sets
- Uncertainty & data

In accordance with the previous conferences, the proceedings of ECSQARU 2013 will be published in the Springer Lecture Notes in Artificial Intelligence series. Authors are requested to prepare their conference papers in the LNCS/LNAI format; papers must not exceed 12 pages and must be submitted as PDF electronically. Submitted papers will be evaluated by peer reviews based on originality, significance, technical soundness, and clarity of exposition. Authors of accepted papers are expected to attend the conference to present their work.

*The ISIPTA conference (<http://www.sipta.org/isipta13>), which shares various themes with ECSQARU, will be held in Compiègne, France, on July 2nd–5th, 2013. To honour this special occasion, we offer a reduced fee for attendance of both events, which includes transfer from Compiègne to Utrecht by bus. ECSQARU 2013 will moreover host a workshop on building bridges between topics of the two conferences on July 7th, 2013. More information will soon be made available on the conference websites.*

### General chair:

Linda C. van der Gaag  
Utrecht University  
The Netherlands  
tel: +31 (0)30 253 4113  
e-mail: [ecsqaru2013@science.uu.nl](mailto:ecsqaru2013@science.uu.nl)

### Important dates:

Paper submission:	February 3rd, 2013
Notification of acceptance:	March 25th, 2013
Final version:	April 22nd, 2013
Early registration:	May 6th, 2013
Conference:	July 7th–10th, 2013