



ECSQARU 2015

The 13th European Conference on

Symbolic and Quantitative Approaches to Reasoning with Uncertainty

15th-17th July 2015

Université de Technologie de Compiègne - Compiègne, FRANCE



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 scientific knowledge 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), Belfast (2011) and Utrecht (2013). The

13th European Conference on Symbolic and Quantitative Approaches to Reasoning with Uncertainty will be held in Compiègne, France, on July 15th–17th.

For ECSQARU 2015 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 2015 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 10 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.

Extended version of selected papers will appear in a **special issue of the International Journal of Approximate Reasoning**.

General chair:

Prof. Thierry Denceux
Université de Technologie de Compiègne
France
e-mail: ecsqaru2015@hds.utc.fr

Important dates:

Paper submission:	February 6th, 2015
Notification of acceptance:	March 27th, 2015
Final version:	April 24th, 2015
Early registration:	May 8th, 2015
Conference:	July 15th–17th, 2015