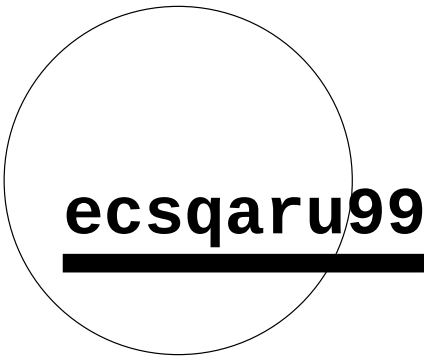

The Fifth European Conference on Symbolic and Quantitative Approaches to Reasoning with Uncertainty

London: 5 - 9 July 1999

Call for papers

Uncertainty is in an increasingly important research topic in many areas of computer science. Many formalisms are being developed, with much interest at the theory level directed at developing a better understanding of the formalisms and identifying relationships between formalisms, and at the technology level directed at developing software tools for formalisms and applications of formalisms.

The main European forum for the subject is the European Conference on Symbolic and Quantitative Approaches to Reasoning and Uncertainty (ECSQARU). Following from the success of the previous ECSQARU conferences that have been held in Marseilles (1991), Granada (1993), Fribourg (1995), and Bonn (1997), the next conference in the series will be held at University College London.

Topics of interest including the following areas:

Default reasoning	Inconsistency handling
Belief revision	Decision systems
Logics for reasoning with uncertainty	Fusion systems
Paraconsistent logics	Argumentation systems
Belief functions	Uncertainty in language
Bayesian networks	Applications of uncertainty formalisms
Probabilistic reasoning	Machine learning for uncertainty
Fuzzy systems	Automated reasoning systems for uncertainty

Theoretical results, algorithms, and applications that address the unification and integration of different approaches are especially encouraged.

Programme Committee

The Program Chair is Tony Hunter (University College London) and the Programme Committee is composed of the following topic chairs.

Bayesian Networks Chair
Finn Jensen (Aalborg University)

Decision systems/Data Fusion Chair
Henri Prade (IRIT Toulouse)

Belief Function Chair
Philippe Smets (ULB Bruxelles)

Default Systems Chair
Torsten Schaub (Universitat Potsdam)

Logics Chair
Dov Gabbay (King's College London)

Fuzzy Methods Chair
Rudolf Kruse (Universitat Magdeburg)

Submission arrangements

Please limit submissions to a maximum of 10 pages, preferrably in LNCS format. Details on the LNCS format, including a Latex .sty file, can be obtained from

www.springer.de/comp/lncs/index.html

To submit a paper, please send it as a postscript file by email, or post four copies of it, to Tony Hunter at the following address:

Tony Hunter
Department of Computer Science
University College London
Gower Street
London WC1E 6BT
UK

Email: a.hunter@cs.ucl.ac.uk
Phone: +44 171 380 7295
Fax: +44 171 387 1397

Publication of proceedings

The proceedings will be published in the Lecture Notes in Computer Science Series, as with all the previous ECSQARU conference proceedings.

In addition, a special issue of the Knowledge Engineering Review is planned for after the conference to cover key trends.

Submission timetable

- Submission deadline 31 January 1999
- Notification of acceptance 12 March 1999
- CRC for accepted papers 16 April 1999
- Workshops and tutorials 5-6 July 1999
- Main conference 7-9 July 1999

Workshops and tutorials

Additional workshops include:

- Fusion in data and knowledge
- Agents in an uncertain world

One-day introductory tutorials include:

- Bayesian networks
- Belief functions
- Default reasoning

If you are interested in adding to the workshop or tutorial programme, please contact Simon Parsons (s.d.parsons@qmw.ac.uk).

Conference homepage

Further details can be obtained from:

www.cs.ucl.ac.uk/staff/a.hunter/ecsqaru