CALL FOR PAPERS

Seventh European Conference on
Symbolic and Quantitative Approaches to Reasoning under Uncertainty

ECSQARU-2003

July 2-5, 2003, Aalborg, Denmark

General Chair:
Finn V. Jensen, Denmark

Program Co-chairs:
Thomas D. Nielsen, Denmark
Nevin L. Zhang, Hong Kong

Organization Chair:
Kristian G. Olesen, Denmark

Area Chairs:
Gerd Brewka, Germany
Luis M. de Campos, Spain
Khaled Mellouli, Tunisia
Serafín Moral, Spain
Simon Parsons , UK
Henri Prade, France
Prakash P. Shenoy, USA

Invited Speakers:
Didier Dubois, France
Philippe Smets, Belgium
Jeroen K. Vermunt, NL

Conference Dates:
Abstract Submission: 16-2-2003
Paper Submission: 23-2-2003
Notification: 26-3-2003
Camera-ready copy: 13-4- 2003
Conference: (3 to 5)-7-2003

Workshop Dates:
Proposal submission: 1-12-2002
Notification: 15-12-2002
Workshops: 2- 7-2003

Web Site:
http://www.cs.auc.dk/~ecsqaru

Inquiries:
Thomas D. Nielsen
Department of Computer Science
Aalborg University
Fredrik Bajers Vej 7E
DK-9220, Aalborg East
Denmark
Phone: +45 9635 9854
Fax: +45 9815 9889
Email: ecsqaru@cs.auc.dk

The ECSQARU conferences, held every two years since 1991, are a major forum for advances in the theory and practice of reasoning and decision making under uncertainty in intelligent systems. The scope of ECSQARU includes, but is not limited to, fundamental issues, representation, inference, learning, and decision making in qualitative and numeric paradigms. Submissions are now invited for ECSQARU-2003, the seventh conference.

Topics of Interest (non-exclusive):

Foundations of uncertainty concepts
Reasoning under uncertainty
Decision making under uncertainty

Bayesian networks
Causal networks
Decision theory
Decision graphs
Markov decision processes
Game theoretic agents

Belief functions
Fuzzy sets
Rough sets
Possibility theory

Logics for reasoning under uncertainty
Default reasoning
Belief revision, inconsistency handling
Argumentation systems

Learning for uncertainty formalisms
Automated planning & acting
Information fusion
Uncertainty & data mining
Classification & clustering

Algorithms for uncertain inference
Empirical studies of algorithms
Implementation of uncertain systems
Applications

Paper Preparation and Submission:
The conference proceedings will be published by Springer Verlag as a volume in the LNCS/LNAI series. Hence authors are requested to prepare their papers in the LNCS/LNAI format (http://www.springer.de/comp/lncs/authors.html). **Each paper must not exceed 12 pages in length**. Papers that are not in the stated format or that exceed the page limit will not be reviewed. Authors are requested to submit their papers electronically at the conference web site. Only postscript or PDF files will be accepted and PDF files are preferred. If you have difficulties adhering to the format or the submission requirements, please contact the program co-chairs so that special arrangements can be made.

Each submitted paper will be evaluated by three reviewers 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 make oral presentations about their work.

Call for Workshop Proposals:
At ECSQARU-2003 we will continue the tradition of having one day of workshops before the technical sessions. The workshops will be on 2 July 2003. Proposals for workshops are now called for. Proposals should be no longer than one page and should describe the topic of the workshop, names (and contact information) of the organizers, expected number of participants and duration, and any other factor relevant to its selection. Preference is for daylong workshops, but workshops planned for half a day will also be considered. Proposals should reach the program co-chairs via email by **1 December 2002**. Up to three proposals will be selected. Acceptance decisions will be made by **15 December 2002**.