CALL FOR PAPERS

# Sixth International Conference on Principles of Knowledge Representation and Reasoning (KR'98)

*Trento, Italy*

June 2–5, 1998

(With workshops and coordinated events
May 30–June 1 and June 6–8, 1998)

## Topics

Representational Formalisms:
 Representations of Belief,
  Intention, Time, Space,
  Action, Events;
 Nonmonotonic Logics;
 Description Logics.

Reasoning Techniques:
 Deduction, Induction,
 Abduction,
 Reasoning under Uncertainty,
 Efficiency Measures,
 Complexity,
 Parallel and Distributed
  Implementations.

Implemented KR&R Systems:
 Reports, Updates,
 Comparisons, Evaluations.

Significant Applications:
 Planning, Robotics,
 Diagnosis, Natural Language,
 Multi-Agent Environments,
 Knowledge Bases.

Implications for/of:
 Machine Learning,
 Decision Theory,
 Databases,
 Software Engineering.

## Schedule

| | |
|---|---|
| November 26, 1997 | Electronic abstracts due |
| December 1, 1997 | Extended abstracts due |
| December 10, 1997 | Ack. of extended abstracts |
| February 2, 1998 | Results to authors |
| March 17, 1998 | Final papers due |
| May 30–June 1, 1998 | Workshops |
| June 1, 1998 *(evening)* | Opening reception |
| June 2–5, 1998 | **KR'98** conference |
| June 6–8, 1998 | Workshops |

## Conference Committee


Conference Chair
**Stuart C. Shapiro**
*SUNY at Buffalo, USA*
shapiro@cs.buffalo.edu

Program Co-Chairs
**Anthony G. Cohn**
*Division of AI*
*School of Computer Studies*
*Univ. of Leeds*
*Leeds, LS2 9JT, UK*
agc@scs.leeds.ac.uk

**Lenhart Schubert**
*Computer Science Dept.*
*University of Rochester*
*Rochester, NY 14627-0226*
*USA*
schubert@cs.rochester.edu

Local Arrangements Chair
**Fausto Giunchiglia**
*IRST, Trento, Italy*
fausto@irst.itc.it

Workshops Coordination Chair
**Lin Padgham**
*RMIT, Melbourne, Australia*
linpa@cs.rmit.edu.au

Publicity Chair
**Enrico Franconi**
*IRST, Trento, Italy*
franconi@irst.itc.it

Treasurer
**Francesco Donini**
*Univ. of Rome I, Italy*
donini@assi.dis.uniroma1.it


## Resources

WWW: http://www.kr.org/kr/kr98/
Autoresponder: kr98-info@kr.org


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Organization supported by IRST-ITC
In cooperation with the AAAI


Explicit representations of knowledge manipulated by inference algorithms provide an important foundation for much work in Artificial Intelligence, from natural language dialogue systems to expert systems. We intend KR'98 to be a place for the exchange of news, issues, and results among the community of researchers in the principles and practices of knowledge representation and reasoning (KR&R) systems.

We encourage papers that present substantial new results in the principles of KR&R systems while clearly showing the applicability of those results to implemented or implementable AI systems. We also encourage "reports from the field" of applications, experiments, developments, and tests. Such papers should be explicitly identified as reports from the field by the authors, to ensure appropriate reviewing.

It is anticipated that a number of adjoining meetings and workshops will be held in conjunction with KR'98. Anyone interested in organising such a meeting should contact the workshops coordination chair as soon as possible.

**Submission of Papers.** The Program Committee will review *extended abstracts* rather than complete papers. Submissions must be at most twelve (12) pages, excluding the title page and the bibliography, with a maximum of 38 lines per page and an average of 75 characters per line (corresponding to the LaTeX article-style, 12pt). Overlength submissions will be rejected without review. All abstracts must be submitted on 8 1/2 by 11 inch or A4 paper, and printed or typed in 12-point font (10 characters per inch on a typewriter). Dot matrix printout, FAX, or electronic submission will not be accepted. Each submission should include the names and complete addresses (including email, when possible) of all authors. Also, authors should indicate under the title which of the topic areas listed above best describes their paper (if none is appropriate, please give a set of keywords that best describe the topic of the paper). Submitted papers must be unpublished and substantively different from papers currently under review.

A form giving details of any proposed submission must be properly filled at the WWW address `http://www.kr.org/kr/kr98/submission.html` by Wednesday November 26, 1997. If intending authors do not have WWW access then an email message must be sent to `kr98@cs.rochester.edu` by Wednesday November 26, 1997 giving details of any proposed submission in the following format (please be sure to spell the keywords correctly and to include the ':'s):

`Title:` ⟨Title of paper⟩
`Author:` ⟨Last name, initials⟩
`Author:` ⟨Insert as many more author lines as necessary⟩
...
`CorrespondingAuthor:` ⟨Name of corresponding author⟩
`CorrespondingEmail:` ⟨Email of corresponding author⟩
`CorrespondingAddress:` ⟨Address of corresponding author⟩
`Keywords:` ⟨List of keywords, preferably chosen from topic list ⟩
`Abstract:` ⟨Short abstract, max 200 words⟩
`EndAbstract:` ⟨Mark the end of the short abstract thus⟩

If intending authors do not have email then they should send the same information by letter to arrive by Wednesday November 26, 1997 addressed to either of the Programme Co-chairs.

Extended abstracts should be submitted to either of the Programme Co-chairs (5 copies) by Monday December 1, 1997. Submissions should be clearly marked "KR98" on the envelope. Electronic submission of the extended abstract is not permitted. Acknowledgement of extended abstracts will be made by email no later than Wednesday December 10 1997.

Authors of accepted papers will be expected to submit substantially longer full papers for the conference proceedings. Final camera-ready copies of the full papers will be due Wed Mar 17 1998.