KR'96	Fifth International Conference on Principles of Knowledge Representation and Reasoning	KR'96
Cambridge, Massachusetts, U.S.A. November 5–8, 1996		World Wide Web: `http://www.kr.org/kr/` Autoresponder: `kr96-info@kr.org`

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'96 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. The following topics are meant to be suggestive of the scope of the conference.

- Representational Formalisms
  - Representations of Belief,
    - Intention
    - Time,
    - Space,
    - Action,
    - Events
  - Nonmonotonic Logics
  - Description Logics
- Reasoning Techniques
  - Deduction
  - Induction
  - Abduction
  - Reasoning under Uncertainty
  - Parallel and Distributed Implementations
  - Efficiency Measures and Complexity
- 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

Full details available via the web page and autoresponder email address given above.

SCHEDULE

May 6, 1996	Extended abstracts due
July 1, 1996	Results to authors
August 15, 1996	Final papers due
November 5-8, 1996	KR'96

CONFERENCE COMMITTEE

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KR'96 will be held immediately preceding the **AAAI Fall Symposia Series** held Nov. 9–11 (see `http://www.aaai.org/`), and immediately after several independent workshops tentatively held Nov. 2–4, all also in Cambridge: **Description Logic '96** (contact `dl96@dl.kr.org`), and **Relevance in Knowledge Representation and Reasoning** (contact `levy@research.att.com` or `greiner@scr.siemens.com`).