

**Volume 28, Issue 44****Conference Announcement****KR2004 Ninth International Conference on the Principles of Knowledge  
Representation and Reasoning**

Location : Whistler, BC, CANADA

Organizers : Mary-Anne Williams

Major Topics : Knowledge Representation and Reasoning

Conference Dates : 5/2/2004 to 5/2/2004

Submission Deadline : 11/26/2003

Send Submissions To : [http://magic.it.uts.edu.au/KR2004/author\\_instructions.html](http://magic.it.uts.edu.au/KR2004/author_instructions.html)

Sponsoring Organizations : IBM UTS SFU KR Inc

For further information contact : Mary-Anne Williams, University of Technology, Sydney, [maryanne@it.uts.edu.au](mailto:maryanne@it.uts.edu.au),  
<http://research.it.uts.edu.au/magic/Mary-Anne>

Web Page : <http://magic.it.uts.edu.au/KR2004>

Knowledge Representation and Reasoning (KR&R) is a vibrant and exciting field of human endeavour. KR&R techniques are key drivers of innovation in computer science, and they have led to significant advances in practical applications in a wide range of areas from Artificial Intelligence to Software Engineering. Explicit representations of knowledge manipulated by reasoning engines are an integral and crucial component of intelligent systems. Semantic Web technologies and the design of software agents, in particular, provide significant challenges for KR&R. We intend KR2004 to be a forum for the exchange of news, issues, and results among the community of researchers in the principles and practices of KR&R systems. We encourage papers presenting substantial new results in the principles of KR&R systems that clearly contribute to the formal foundations or show the applicability of the results to implemented or implementable 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, and must include a section on evaluation. KR2004 will collocate with the International Conference on Advanced Planning and Scheduling (ICAPS-2004), with one day in common. We strongly encourage papers which would be of interest to both communities. Topics of interest include: - knowledge modeling and management - reasoning techniques for incomplete & uncertain knowledge - implemented KR systems - KR in software engineering and planning - KR in robotics and intelligent agents - the Semantic Web Important Dates Electronic Submission Deadline: November 26, 2003 Notification of acceptance: January 14, 2004 Camera-ready papers due: March 3, 2004 KR2004 Conference: June 2 -5, 2004 Invited Speakers Keynote Speakers Patrick Doherty, University of Linkoping, Sweden Itzhak Gilboa, Tel-Aviv University, Israel Peter Patel-Schneider, Bell Labs Research, USA "Great Moments in Knowledge Representation" series: John McCarthy, Stanford University William Woods, Sun Microsystems

