AR-99 Workshop

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IMPORTANT DATES

Submission of two-page abstracts
19 February 1999

Invitations issued
5 March 1999

Final versions due
12 March 1999

AISB'99 Convention
6–9 April 1999

Workshop:
8–9 April 1999

FURTHER INFORMATION

about AISB-Convention
http://www.dai.ed.ac.uk/~geraint/aisb99

about the Workshop Series
http://www.cs.york.ac.uk/~frisch/AutoReason

about the Workshop, e-mail:
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2nd CALL FOR PARTICIPATION

Sixth Workshop on

Automated Reasoning
Bridging the Gap between Theory and Practice

8–9 April 1999

in conjunction with AISB'99 Convention

Edinburgh – Scotland

with support of the COMPULOG Network of Excellence

Abstract submissions are invited for the **Sixth Workshop on Automated Reasoning – Bridging the Gap between Theory and Practice**. Following in a highly successful series of Workshops on Automated Reasoning, this workshop will provide an informal forum for the automated reasoning community. This workshop series aims to bring together researchers from all areas of automated reasoning in order to foster links and facilitate cross-fertilisation of ideas among researchers from various disciplines; among researchers from academia, industry and government; and between theoreticians and practitioners.

FORMAT

The format this year will include **invited speakers:**

- **Andrei Voronkov:** Herbrand's theorem, automated reasoning and semantic tableaux
- **Simon Colton:** Automated Discovery in Mathematics and Other Sciences
- **Maarten de Rijke:** Combining Reasoning Systems

and panel discussions on diagrammatic reasoning and modal logic & agents, furthermore there will be contributed talks and a poster session. Although there will be a number of 'pre-arranged' items to be discussed during the workshop, it will cover the full breadth and diversity of automated reasoning, including topics such as logic and functional programming; equational reasoning; deductive databases; unification and constraint solving; the application of formal methods to specifying, deriving, transforming and verifying computer systems and in particular safety-critical systems; deductive and non-deductive reasoning, including abduction, induction, nonmonotonic reasoning, and analogical reasoning; commonsense reasoning; and the wide range of topics that fall under the heading of knowledge representation & reasoning.

SUBMISSIONS

We invite interested persons to submit a two-page abstract about some recent work or some work in progress (for details on the format see the web site of the workshop) to `M.Kerber@cs.bham.ac.uk` by **19 February 1999**.
Please include your postal address, e-mail address, and phone number. Authors will get feedback on their submission and will have a chance to revise the abstract. The main objective of the abstracts is to spread information about recent work in our community. Accepted abstracts will be published in informal workshop notes and be made available by WWW. Authors who wish to present their work at the workshop should indicate that with their submission. The workshop is intended to be an inclusive event, with participants encouraged from the broad spectrum covered by the field of automated reasoning. We encourage the participation of experienced researchers as well as those new to the field, especially students. A limited number of travel grants for students will be available. Students who want to apply for a travel grant should indicate this with their submission. The programme committee will select the recipients of the grants and decide how to divide the amount available between them.