AR-00

Seventh Workshop on

Automated Reasoning

Bridging the Gap between Theory and Practice

King's College, London
20–21 July 2000

Following the 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.

ORGANISING COMMITTEE

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TOPICS (not exclusive)

- Theorem proving in classical and non-classical logics
- Equational reasoning
- Unification
- Induction
- Logic programming
- Functional programming
- Constraint solving
- Formal methods for specifying, transforming and verifying systems, in particular safety-critical systems
- Non-monotonic reasoning
- Abduction
- Logic-based knowledge representation, in particular Description Logics.

Panel Sessions
Proposals for panel sessions should be made as soon as possible. Please email the proposal to ohlbach@dcs.kcl.ac.uk.

Format of the Workshop
There will be invited talks, panel sessions, short presentations of the papers, and a poster session. Each accepted paper will be introduced by a 5 minute overview talk. The technical details can then be presented in the poster session.

SUBMISSION OF PAPERS

Two-Page Abstracts:
We invite interested persons to submit a *two-page abstract* about recent work or work in progress, or a system description. Each submission should include the names and complete addresses (including email, when possible) of all authors. Correspondence will be sent to the first author, unless otherwise indicated.
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.

Full Papers
In addition to the two-page abstracts, the participants are invited to submit full journal type papers. These papers will be treated as submissions to the Logic Journal of the IGPL (http://www.jigpal.oupjournals.org)
They will be refereed and, if accepted, published by the journal as fast as possible.

Participation
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.

IMPORTANT DATES	Receipt of submission (**extended**):	5 June 2000
	Notification of authors:	3 July 2000
	Receipt of camera-ready copy:	14 July 2000
	Early bird registration deadline:	7 July 2000
WWW address	http://www.dcs.kcl.ac.uk/events/ARW/	

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