Call for Papers/Abstracts/System descriptions

UNIF 2003

17th International Workshop on Unification
June 8-9, 2003
Valencia, Spain
Affiliated with RTA'03 and TLCA'03, Part of RDP'03

`http://www.iiia.csic.es/~unif03`

UNIF is the main international meeting on unification. Unification is concerned with the problem of identifying given terms, either syntactically or modulo a given logical theory. Syntactic unification is the basic operation of most automated reasoning systems, and unification modulo theories can be used, for instance, to build in special equational theories into theorem provers.

The aim of UNIF 2003, as that of the previous meetings, is to to bring together people interested in unification, present recent (even unfinished) work, and discuss new ideas and trends in unification and related fields. In particular, it is intended to offer a good opportunity for young researches and researchers working in related areas to get an overview of the current state of the art in unification theory and get in contact with the experts in the field.

TOPICS OF INTEREST

- Unification
  - E-unification
  - Unification Algorithms
  - Higher-Order Unification
  - String Unification
  - Context Unification
  - Combination problems
  - Disunification
  - Typed Unification
- Related Topics
  - Constraint Solving
  - Tree Descriptions
  - Matching
  - Narrowing
- Applications
  - Type Checking and Type Inference
  - Automated Deduction
  - Rewriting
  - Functional and Logic Programming
  - Grammars
  - Computational Linguistics
- Implementations

INVITED SPEAKERS

Dale Miller	(INRIA/Futurs & École Polytechnique, Paris, France)
Wojciech Plandowski	(Uniwersytet Warszawski, Warszawa, Poland)

BEST STUDENT PAPER AWARD

An award of 300 EUR will be given to the best paper exclusively written by one or several young researchers who have not yet obtained their PhD degrees. The organizing committee may decline to make the award or may split it among several papers. Papers included in this category should be clearly marked "student paper" in the submission.

IMPORTANT DATES

Deadline for electronic submission:	**April 7, 2003**
Notification of acceptance:	April 28, 2003
Deadline for camera-ready papers:	May 12, 2003
Workshop:	June 8 - 9, 2003

SUBMISSION DETAILS

Authors are invited to submit via email an abstract (1-5 pages), a paper (no longer than 15 pages), or a system description (no more than 5 pages) in Postscript or PDF format to `unif03@iiia.csic.es` before April 7, 2003. Authors are encouraged to use LaTeX2e and the Springer llncs class files, and will be expected to attend and present their work at the workshop.

PUBLICATION

Accepted papers, abstracts and system descriptions will be included in the proceedings that will be available at the workshop.

ORGANIZING COMMITTEE

Michael Kohlhase	(Carnegie Mellon University, Pittsburgh, PA, USA)
Jordi Levy (chair)	(IIIA-CSIC, Barcelona, Spain)
Joachim Niehren	(Universität des Saarlandes, Saarbrücken, Germany)
Mateu Villaret	(Universitat de Girona, Girona, Spain)