LAST CALL FOR CONTRIBUTIONS

CADE-13 Workshop on

Proof Search in Type-Theoretic Languages

Rutgers University (New Brunswick, USA)
Tuesday 30th July, 1996

EXTENDED DEADLINE : May 19, 1996

CADE-13 WP-6
Organizing-Program Chair:

D. Galmiche (CRIN-CNRS, Nancy)

Organizing-Program Committee:

D. Galmiche (CRIN-CNRS, Nancy)

F. Pfenning (CMU, Pittsburgh)

N. Shankar (SRI, Stanford)

J. Smith (Chalmers Univ, Göteborg)

L. Wallen (Oxford University)

IMPORTANT DATES

Deadline for submissions:

May 19, 1996

Notification of acceptance:

June 5, 1996

Workshop handouts ready:

June 22, 1996

Workshop date:

July 30, 1996

INFORMATION

by email:
galmiche@loria.fr

by URL:
http://www.loria.fr/~galmiche/cade96-wp6.html

by surface mail:
D. Galmiche
CADE-13 WP-6
CRIN-CNRS, UHP Nancy I
Batiment LORIA
54506 Vandoeuvre-les-Nancy
France
Phone: +33 83 59 20 15
Fax: +33 83 41 30 79

A one day workshop on *Proof Search in Type-Theoretic Languages* will be held the 30th July 1996 in conjunction with the 13th Conference in Automated DEduction (CADE-13, Rutgers University, New Brunswick, USA). Attendance is by invitation only: authors of accepted submissions will be invited. Informal proceedings will be supplied by the CADE-13 organizing committee.

TOPICS

Many recent works have been devoted to type theory and its applications to proof and program development in various logical frameworks. This workshop focuses on proof search in type-theoretic languages and their underlying logics. Such languages are logical frameworks for representing proofs and in some cases formalize connections between proofs and programs that support program synthesis.

The workshop is intended to bring together researchers interested in all aspects of proof search in type-theoretic languages. The objective is to provide an integrated forum for the presentation of research and the exchange of ideas and experiences in the topics concerned with proof search in type theory, logical frameworks and their underlying (classical, intuitionistic and linear) logics.

Topics of interest, in this context, include (but are not restricted to):

- foundations of proof search
- techniques and concepts related to proof construction
- logic programming
- proof synthesis vs program synthesis
- applications
- equational theories and rewriting
- decision procedures
- environments for formal proof development.

SUBMISSIONS

Researchers interested in presenting their works are invited to send an **extended abstract (5-8 pages)** by **e-mail submissions** of Postscript files to the Organizing-Program Chair (**Didier.Galmiche@loria.fr**) before **May 19, 1996**. Researchers interested in attending the workshop (without giving a presentation) should send a position paper (1-2 pages) presenting their interest. Papers will be reviewed by peers, typically members of the program committee. The cover page should include a return mailing address and, if possible, an electronic mail address and a fax number. Additional information will be available through WWW address: **http://www.loria.fr/~galmiche/cade96-wp6.html**.