

CADE-19

The Conference on Automated Deduction
Miami, USA, July 28 – August 2, 2003

Call for Papers

<http://www.CADE-19.info>

CADE-19 invites paper submissions related to all aspects of automated deduction, including foundations, implementations, and applications. Original research papers, papers on applications of automated deduction methods and systems, and descriptions of working automated deduction systems are solicited.

In addition, CADE-19 invites the submission of proposals for workshops and tutorials, which will take place at the beginning of the conference (July 28 and 29).

Topics

Logics of interest include propositional, first-order, equational, higher-order, classical, intuitionistic, constructive, modal, temporal, many-valued, substructural, description, and meta-logics, logical frameworks, type theory and set theory.

Methods of interest include saturation, resolution, tableaux, sequent calculi, term rewriting, induction, unification, constraint solving, decision procedures, model generation, model checking, natural deduction, proof planning, proof presentation, proof checking, and explanation.

Applications of interest include hardware and software development, systems analysis and verification, deductive databases, functional and logic programming, computer mathematics, natural language processing, computational linguistics, robotics, planning, knowledge representation, and other areas of AI.

Paper Submission

Conference submission is electronic in postscript format. Submitted papers should conform to the Springer LNCS style. In addition to papers on foundations (15 pages), we encourage the submission of application papers (10 pages), and of short system descriptions (5 pages).

Simultaneous submission to other conferences with proceedings or submission of material that has already been published elsewhere is not allowed. In the case of doubts on this point please contact the program chair. Papers that are too long will not be considered. Submission details and the LNCS style files are available from the CADE-19 WWW site www.CADE-19.info

Important dates

Dec. 15, 2002: Deadline for submission of workshop and tutorial proposals

Jan. 15, 2003: Notification of acceptance of workshops and tutorials

Jan. 24, 2003: Deadline for electronic submission of title and short abstract

Jan. 31, 2003: Deadline for electronic submission of papers

March 31, 2003: Notification of acceptance of papers

April 30, 2003: Deadline for final version of accepted papers

Conference chairs

Geoff Sutcliffe (University of Miami)
Jeff Pelletier (University of Alberta)

Programme chair

Franz Baader (Technische Universität Dresden)

Programme committee

Alessandro Armando (Università di Genova)
Franz Baader (Technische Universität Dresden)
Gilles Dowek (INRIA Rocquencourt)
Thomas Eiter (Vienna University of Technology)
Harald Ganzinger (Max-Planck Institute)
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Ian Horrocks (University of Manchester)
Dieter Hutter (DFKI)
Andrew Ireland (Heriot-Watt University)
Deepak Kapur (University of New Mexico)
Reinhold Letz (LMU Munich)
Christopher Lynch (Clarkson University)
Fabio Massacci (University of Trento)
John C. Mitchell (Stanford University)
Ilkka Niemelä (Helsinki University of Technology)
Lawrence C. Paulson (University of Cambridge)
Nicolas Peltier (IMAG Grenoble)
Frank Pfenning (Carnegie Mellon University)
Albert Rubio (Universitat Politècnica de Catalunya)
Natarajan Shankar (SRI)
John Slaney (Australian National University)
Cesare Tinelli (University of Iowa)
Moshe Vardi (Rice University)
Toby Walsh (University of York)

Workshop and tutorial chair

Cesare Tinelli (University of Iowa)

Publicity chair

Christopher Lynch (Clarkson University)

Invited Speakers

Ed Clarke (Carnegie Mellon University)
Anthony Cohn (University of Leeds)
Helene Kirchner (LORIA-CNRS & INRIA)
Greg Nelson (HP SRC Classic)