

FTP'98 – CALL FOR PAPERS

International Workshop on First-Order Theorem Proving

Schloss Wilhelminenberg, Vienna, Austria, November 23–25, 1998

<http://www.logic.at/ftp98>

Program Chairs:

Ricardo Caferra
LEIBNIZ-IMAG, Grenoble
Ricardo.Caferra@imag.fr
Gernot Salzer
Technische Universität Wien
salzer@logic.at

Program Committee:

Maria Paola Bonacina (University of Iowa)
Ricardo Caferra (LEIBNIZ-IMAG, Grenoble)
Ulrich Furbach (Universität Koblenz)
Fausto Giunchiglia (IRST, Trento)
Jieh Hsiang (National Taiwan University, Taipei)
Reinhold Letz (Technische Universität München)
Hans Jürgen Ohlbach (Imperial College, London)
David Plaisted (UNC at Chapel Hill)
Michael Rusinowitch (LORIA, Nancy)
Gernot Salzer (Technische Universität Wien)
Mark Stickel (SRI, Menlo Park)
Andrei Voronkov (Uppsala University)

Local Arrangements Chair:

Franziska Gusel
Technische Universität Wien
gusel@logic.at

Steering Committee:

David Plaisted (chair) (UNC at Chapel Hill)
Maria Paola Bonacina (University of Iowa)
Ulrich Furbach (Universität Koblenz)
Jieh Hsiang (National Taiwan University)
Christopher Lynch (Clarkson University)
Xumin Nie (Wichita State University)
Michael Rusinowitch (LORIA, Nancy)
Gernot Salzer (Techn. Universität Wien)
Camilla Schwind (Université Aix-Marseille II)
Klaus Trümper (University of Texas at Dallas)
Hantao Zhang (University of Iowa)

Important dates:

September 27, 1998	Paper submissions
October 25, 1998	Acceptance notification
November 8, 1998	Camera-ready copy due
November 23–25, 1998	FTP'98

Scope: FTP'98 is the second in a series of workshops intended to focus effort on First-Order Theorem Proving as a core theme of Automated Deduction, and to provide a forum for presentation of very recent work and discussion of research in progress.

The workshop welcomes original contributions on theorem proving in classical, many-valued, and modal first-order logics, including resolution and tableau methods; equational reasoning and term-rewriting systems; constraint-based reasoning; unification algorithms for first-order theories; specialized decision procedures; propositional logic; abstraction; first-order constraints; complexity of theorem proving procedures; and applications of first-order theorem provers to problems in artificial intelligence, verification, mathematics, as well as other areas.

Technical Program: The technical program will include presentations of the accepted papers as well as invited talks by Gilles Dowek, INRIA Rocquencourt (*Proof search in first-order logic modulo: on the difference between set theory and simple type theory*), Melvin Fitting, City University of New York (*Quantified Modal Logic*), and Alexander Leitsch, Technische Universität Wien (*Decision Procedures and Model Building, or How to Improve Logical Information in ATP*).

Submissions: Authors are invited to submit papers in the following categories:

Extended abstracts of 5–8 pages describing original results not published elsewhere. Contact the PC chairs at ftp98@logic.at if the page limit poses a problem.

Position papers of 1–2 pages describing the author's research interests in the field, work in progress, and future directions of research.

System descriptions of 1–3 pages describing new systems or significant upgrades of existing ones, especially including experiments. System demonstrations will be possible.

Submissions should be prepared with a font size not smaller than 11pt. The first page should contain the title, authors, e-mail, and postal addresses of the authors. Papers should be sent by e-mail as uuencoded gzipped Postscript file to ftp98@logic.at or via the WWW submission form; see <http://www.logic.at/ftp98/submission> for detailed instructions.

The extended submission deadline is September 27, 1998. Decisions on acceptance will be sent by October 25, 1998. The deadline for sending the final versions is November 8, 1998. Authors of accepted papers are expected to present their contribution at the workshop.

Publication: Accepted submissions will be collected in a volume to be distributed at the workshop. Additionally, the submissions will be made available on the web after the workshop.

Authors of accepted abstracts will be invited to submit a full version, which will again be refereed. The selected papers will be published in the workshop proceedings; the publisher is not yet fixed. Details will be announced at the workshop.

Additional information is available from the FTP'98 web site: <http://www.logic.at/ftp98>.