CALL FOR PAPERS

LICS'2000 Workshop on

Logical Frameworks and Meta-languages

Sunday, June 25, 2000, Santa Barbara, California

`http://www-sop.inria.fr/certilab/LFM2000/`

Logical frameworks and meta-languages are intended as a common substrate for representing and implementing a wide variety of logics and formal systems. Their definition and implementation have been the focus of considerable work over the last decade. At the heart of this work is a quest for generality: A logical framework provides a basis for capturing uniformities across deductive systems and support for implementing particular systems. Similarly a meta-language supports reasoning about and using languages.

This workshop will bring together designers, implementers, and practitioners to discuss the development of logical frameworks and their use in meta-reasoning and programming. Topics include (but are not limited to): *the design of logical frameworks, meta-theoretical studies, comparative studies, implementation, techniques of representation of formal systems, proofs of properties of formal systems, program development and proofs of program correctness.*

The workshop will be held on Sunday, June 25, 2000 at Santa Barbara, California. It will be held as part of the International Conference on Logic in Computer Science (LICS'2000), which takes place from June 26 to June 29, at Santa Barbara, California, United States. (See http://www.cs.bell-labs.com/who/libkin/lics/index.html.)

Submissions on any aspect of logical frameworks and meta-languages are solicited, including papers on work in progress and more mature work. The submission deadline is **April 25, 2000**. Authors will be notified of acceptance by May 15, 2000. The final version of accepted papers will be due by June 6, 2000. Submitted papers should be extended abstracts of 7–10 pages. Please submit your abstract electronically by mailing a uuencoded compressed (or gziped) postscript file to lfm2000@sophia.inria.fr. Accepted contributions will be included in the informal workshop proceedings, which will be available at the workshop.

As a followup to the workshop, a special issue on logical frameworks and meta-languages will be published by the Journal of Functional Programming. Participants will be invited to submit full versions for this special issue. (See http://www-sop.inria.fr/certilab/LFM00/cfp-jfp.html.)

The workshop will be one full day and will be open to all interested persons.

Program Committee:

David Basin (Freiburg)	Thierry Coquand (Goteborg)
Joëlle Despeyroux (INRIA, Chair)	Amy Felty (Ottawa)
Robert Harper (CMU)	Martin Hofmann (Edinburgh)
Benjamin Pierce (Penn)	Benjamin Werner (INRIA)