

Call For Papers
Eighth International Symposium on Functional and Logic Programming
FLOPS 2006
April 24-26
Fuji Susono, JAPAN
Submission deadline: November 11
<http://hagi.is.s.u-tokyo.ac.jp/FLOPS2006>

FLOPS is a forum for research on all issues concerning declarative programming, including functional programming and logic programming, and aims to promote cross-fertilization between the two paradigms. Previous FLOPS meetings were held in Fuji Susono (1995), Shonan Village (1996), Kyoto (1998), Tsukuba (1999), Tokyo (2001), Aizu (2002), and Nara (2004).

TOPICS

FLOPS solicits original papers in all areas of functional and logic programming, including (but not limited to):

Declarative Pearls: new and excellent declarative programs with illustrative applications;

Language issues: language design and constructs, programming methodology, integration of paradigms, interfacing with other languages, type systems, constraints, concurrency and distributed computing;

Foundations: logic and semantics, rewrite systems and narrowing, type theory, proof systems;

Implementation issues: compilation techniques, memory management, program analysis and transformation, partial evaluation, parallelism;

Applications: case studies, real-world applications, graphical user interfaces, internet applications, XML, databases, formal methods, and model checking.

For 2006, we wish to particularly encourage papers on new application areas, including security, bioinformatics, and quantum computation.

The proceedings will be published as a LNCS volume. The proceedings of the previous meeting (FLOPS2004) were published as LNCS2998.

INVITED SPEAKERS

Peter Van Roy (Louvain, Belgium)

Guy Steele (Sun Microsystems, Massachusetts, US)

CO-CHAIRS

Philip Wadler (Edinburgh, UK)

Masami Hagiya (Tokyo, Japan)

PC MEMBERS

Vincent Danos (Paris, France)

Jacques Garrigue (Nagoya, Japan)

Manuel Hermenegildo (New Mexico & Madrid, US & Spain)

Gabrielle Keller (UNSW, Sydney, Australia)

Michael Rusinowitch (INRIA Lorraine, France)

Konstantinos Sagonas (Uppsala, Sweden)

Ken Satoh (NII, Tokyo, Japan)

Peter Selinger (Dalhousie, Canada)

Eijiro Sumii (Tohoku, Japan)

Naoyuki Tamura (Kobe, Japan)

Peter Thiemann (Freiburg, Germany)

David Warren (Stony Brook, US)

SUBMISSION

Submissions must be unpublished and not submitted for publication elsewhere. Work that already appeared in unpublished or informally published workshops proceedings may be submitted. Submissions should fall into one of the following categories:

Regular research papers: they should describe new results and will be judged on originality, correctness and significance.

System descriptions: they should contain a link to a working system and will be judged on originality, usefulness and design.

All submissions must be written in English and can be up to 15 proceedings pages long. Authors are strongly encouraged to use LaTeX2e and the Springer lncs class file, available at

<http://www.springer.de/comp/lncs/authors.html>

Regular research papers should be supported by proofs and/or experimental results. In case of lack of space, this supporting information should be made accessible otherwise (e.g. a link to a web page, or an appendix).

Submission is Web-based. Please visit <http://hagi.is.s.u-tokyo.ac.jp/FLOPS2006/>

IMPORTANT DATES

Submission deadline: November 11

Author notification: January 6

Camera-ready copy: January 20

PLACE

The meeting will be held at Fuji Institute of Education and Training (<http://www.fujiken.gr.jp/>) located in Fuji Susono, JAPAN, where the first FLOPS was held. It is famous of its view to Mt. Fuji.

Previous FLOPS:

FLOPS 2004, Nara: <http://logic.is.tsukuba.ac.jp/FLOPS2004/>
FLOPS 2002, Aizu: <http://www.ipl.t.u-tokyo.ac.jp/FLOPS2002/>
FLOPS 2001, Tokyo: <http://www.ueda.info.waseda.ac.jp/flops2001/>

SPONSOR

University of Tokyo

IN COOPERATION (pending)

ACM SIGPLAN

Japan Society for Software Science and Technology (JSSST)

Association for Logic Programming (ALP)

Asian Association for Foundation of Software (AAFS)

INQUIRIES to

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