

SECOND CALL FOR PAPERS for FLOPS 2008
Ninth International Symposium on Functional and Logic Programming

Ise, Japan, April 14-16, 2008
Submission deadline: October 10, 2007

<http://www.math.nagoya-u.ac.jp/~garrigue/FLOPS2008/>

FLOPS is a forum for research on all issues concerning declarative programming, including functional programming and logic programming, and aims to promote cross-fertilization and integration between the two paradigms. Previous FLOPS meetings were held in Fuji Susono (1995), Shonan Village (1996), Kyoto (1998), Tsukuba (1999), Tokyo (2001), Aizu (2002), Nara (2004), and Fuji Susono (2006).

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.

The proceedings are expected to be published as an LNCS volume. The proceedings of the previous meeting (FLOPS2006) were published as LNCS 3945.

Invited Speakers

Peter Dybjer (Chalmers, Sweden)
Naoki Kobayashi (Tohoku, Japan)
Torsten Schaub (Potsdam, Germany)

PC co-chairs

Jacques Garrigue (Nagoya, Japan)
Manuel Hermenegildo (Madrid, Spain and New Mexico, USA)

PC members

Maria Alpuente (Valencia, Spain)
Sergio Antoy (Portland, OR, USA)
Matthias Blume (TTI, Chicago, USA)
Tyng-Ruey Chuang (Academia Sinica, Taiwan)
Zhenjiang Hu (Tokyo, Japan)
Oleg Kiselyov (FNMOC, Monterey, USA)
Herbert Kuchen (Muenster, Germany)

Dale Miller (INRIA, Palaiseau, France)
Atsushi Ohori (Tohoku, Japan)
Enrico Pontelli (New Mexico, USA)
Kristoffer Rose (IBM Watson, USA)
Kazunori Ueda (Waseda, Japan)
Peter Van Roy (Louvain-la-Neuve, Belgium)
Benjamin Werner (INRIA, Palaiseau, France)

Local chair Shoji Yuen (Nagoya, Japan)

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Submissions must be unpublished and not submitted for publication elsewhere. Work that already appeared in unpublished or informally published workshops proceedings may be submitted.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 the conference site.

Important dates

Submission deadline: October 10, 2007
Author notification: December 21, 2007
Camera-ready copy: January 21, 2008
Conference: April 14-16, 2008

Sponsor

Japan Society for Software Science and Technology (JSSST) SIG-PPL

In cooperation with

Asian Assoc. for Foundation of Software (AAFS)
Association for Logic Programming (ALP)
ACM SIGPLAN (pending)

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