FINAL CALL FOR PAPERS

Seventh International Symposium on

Functional and Logic Programming (FLOPS 2004)

April 7–9, 2004, Nara, Japan

`http://logic.is.tsukuba.ac.jp/FLOPS2004/`

Invited Speakers:

Masami Hagiya, U. of Tokyo
Carsten Schürmann, Yale U.
Peter Selinger, U. of Ottawa

Program Co-Chairs:

Yukiyoshi Kameyama, U. of Tsukuba
Peter J. Stuckey, U. of Melbourne

Program Committee:

François Fages, INRIA Rocquencourt
Herman Geuvers, Nijmegen U.
Michael Hanus, U. of Kiel
Martin Hofmann, U. of Muenchen
Haruo Hosoya, U. of Tokyo
Yukiyoshi Kameyama, U. of Tsukuba
Naoki Kobayashi, Tokyo Inst. of Tech.
John Lloyd, Australian Nat. U.
Aart Middeldorp, U. of Innsbruck
Atsushi Ohori, JAIST
Germán Puebla, Technical U. of Madrid
Morten Rhiger, IT-U. of Copenhagen
Amr Sabry, Indiana U.
Peter J. Stuckey, U. of Melbourne
Martin Sulzmann, Nat. U. of Singapore
Kazunori Ueda, Waseda U.
Philip Wadler, Avaya Labs

Local Arrangements Chair:

Jacques Garrigue, Kyoto U.

Important Dates:

Abstract Submission: October 25, 2003
Paper Submission: November 1, 2003
Notification: December 20, 2003
Final Version: January 20, 2004
Symposium: April 7-9, 2004

Inquiry:

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Sponsors:

FLOPS 2004 is supported by Japan Society of Software Science and Technology (JSSST), Association for Logic Programming (ALP), and Asian Association for Foundation of Software (AAFS).

Background:

The FLOPS symposium is a forum for research on all issues concerning functional programming and logic programming. In particular, it wants to stimulate the cross-fertilization as well as integration of the two paradigms. The symposium takes place about every 1.5 years in Japan. Previous FLOPS meetings were held in Fuji Susono (1995), Shonan Village (1996), Kyoto(1998), Tsukuba (1999), Tokyo (2001) and Aizu (2002).

Topics:

We solicit 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.
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> *Foundations:* logic and semantics, rewrite systems and narrowing, type theory, proof systems.
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> *Implementation issues:* compilation techniques, memory management, program analysis and transformation, partial evaluation, parallelism.
>
> *Applications:* case studies, industrial applications, graphical user interfaces, internet applications, database connection, formal methods and model checking.

Submissions:

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:

> (1) *Regular research papers:* they should describe new results and will be judged on originality, correctness and significance, and
>
> (2) *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 llncs class file. 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, and detailed instructions are given by the web page. Note that you MUST submit an abstract by the abstract submission deadline of October 25, 2003 in order to allow the efficient distribution of papers to the program committee.

Publication and presentation of accepted contributions:

The proceedings of FLOPS 2004 will be published by Springer-Verlag in the Lecture Notes in Computer Science series. One author of each accepted contribution is expected to attend the symposium in order to present it.