

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.

*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, 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 L<sup>A</sup>T<sub>E</sub>X2e and the Springer lncs 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.