

Announcement and Call for Papers for the

19th International Symposium on Implementation and Application of Functional Languages

IFL 2007

27th–29th September 2007, Freiburg, Germany

Scope and Topics

The aim of the IFL symposium is to bring together researchers actively engaged in the implementation and application of functional and function-based programming languages. The symposium provides an open forum for researchers who wish to present and discuss new ideas and concepts, work in progress, preliminary results, etc. related primarily but not exclusively to the implementation and application of functional languages.

Topics of interest include, but are not limited to:

- language concepts
- type checking
- compilation techniques
- (abstract) interpretation
- generic programming techniques
- automatic program generation
- array processing
- concurrent/parallel programming
- concurrent/parallel program execution
- heap management
- runtime profiling
- performance measurements
- debugging and tracing
- (abstract) machine architectures
- verification
- formal aspects
- tools and programming techniques

Papers on applications or tools demonstrating the suitability of novel ideas in any of the above areas and contributions on related theoretical work are also welcomed. The change of the symposium name adding the term "application", introduced in 2004, is to reflect the broader scope IFL has gained over the years.

Contributions

Prospective authors are encouraged to submit papers to be published in the draft proceedings and present them at the symposium. All contributions must be written in English, conform to the Springer-Verlag LNCS series format and not exceed 16 pages. The draft proceedings will appear as a technical report of the Computing Laboratory of the University of Kent.

Every attendee of IFL 2007 will have the opportunity to submit a revised version of their paper for post-symposium reviewing. As in previous years, selected papers will be published by Springer Verlag in the Lecture Notes in Computer Science (LNCS) Series.

Important Dates

Submission for Draft Proceedings	31 August 2007
Symposium	27-29 September 2007
Submission for post-refereeing	2 November 2007
Notification of acceptance / rejection	14 December 2007
Submission of camera-ready version	25 January 2008

Programme Committee

Peter Achten	Radboud University Nijmegen, The Netherlands
Kenichi Asai	Ochanomizu University, Japan
Manuel Chakravarty	The University of New South Wales, Australia
Olaf Chitil (chair)	University of Kent, UK
Martin Erwig	Oregon State University, Oregon, USA
Marc Feeley	Université de Montréal, Canada
Martin Gasbichler	Zühlke Engineering AG, Switzerland
Kevin Hammond	University of St. Andrews, Scotland
Zoltán Horváth	Eötvös Loránd University, Budapest, Hungary
John Hughes	Chalmers University of Technology, Sweden
Ken Friis Larsen	University of Copenhagen, Denmark
Rita Loogen	Philipps-Universität Marburg, Germany
Michel Mauny	ENSTA, France
Sven-Bodo Scholz	University of Hertfordshire, UK
Clara Segura	Universidad Complutense de Madrid, Spain
Tim Sheard	Portland State University, Oregon, USA
Glenn Strong	Trinity College, Dublin, Ireland
Doaitse Swierstra	Utrecht University, The Netherlands
Malcolm Wallace	The University of York, UK

Local Organisation

Markus Degen	Universität Freiburg, Germany
Peter Thiemann	Universität Freiburg, Germany
Stefan Wehr	Universität Freiburg, Germany

Web Site

<http://proglang.informatik.uni-freiburg.de/IFL2007/>