

Announcement and Call for Papers for the
17th International Workshop on
Implementation and Application of Functional Languages
(IFL'05)

September 19th – 21st 2005, Dublin, Ireland

Scope and Topics

The IFL workshops form a tradition that has lasted for nearly two decades, bringing together researchers actively engaged in the implementation and application of functional and function-based programming languages. They provide 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
- generic programming techniques
- (abstract) interpretation
- automatic program generation
- (abstract) machine architectures
- formal aspects
- array processing
- concurrent/parallel programming
- concurrent/parallel program execution
- heap management
- runtime profiling
- performance measurements
- debugging and tracing
- verification
- tools and programming techniques

Papers on applications 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 workshop name adding the term "application", introduced in 2004, is to reflect the broader scope IFL has gained over recent years.

Contributions

Prospective authors are encouraged to submit papers to be published in the draft proceedings (published as a technical report of the Department of Computer Science of the University of Dublin) and to give presentations at the workshop. All contributions must be written in English, conform to the Springer-Verlag LNCS series format and not exceed 16 pages. (See: <http://www.springer.de/comp/authors/index.html>)

Papers must be submitted by August 26th as postscript or pdf files through the workshop web page at <http://www.cs.tcd.ie/ifl05/>. All participants who give presentations at the workshop are invited to submit revised versions of their papers for the post-workshop proceedings. They will be refereed by the program committee according to normal conference standards, and will be published by Springer as part of the LNCS Series (<http://www.springeronline.com/lncs>).

Important Dates

mid-July, 2005	Accommodation booking (advisory deadline)
Aug 7th, 2005	Registration deadline
Aug 26th, 2005	Submission deadline for draft proceedings
Sep 19th, 2005	Workshop starts in the morning
Sep 20th, 2005	Afternoon excursion and banquet dinner
Sep 21st, 2005	Workshop ends in the evening
Nov 7th, 2005	Submission deadline for post-refereeing process
Dec 16th, 2005	Notification of acceptance/rejection
Feb 3rd, 2006	Camera-ready papers due

Program Committee

Matthias Blume	Toyota Technological Institute at Chicago, USA
Andrew Butterfield (chair)	Trinity College Dublin, Ireland
Clemens Grellck	University of Lübeck, Germany
Zoltán Horváth	Eotvos Lorand University, Hungary
Frank Huch	University of Kiel, Germany
Joe Kiniry	National University of Ireland Dublin, Ireland
Hans-Wolfgang Loidl	Ludwig-Maximilians-University Munich, Germany
Frédéric Louergue	University of Paris XII, Val de Marne, France
Simon Marlow	Microsoft Research, Cambridge, UK
Marco T. Morazán	Seton Hall University, NJ, USA
Joseph Morris	Dublin City University, Ireland
Barak Pearlmutter	National University of Ireland Maynooth, Ireland
Rinus Plasmeijer	Radboud Universiteit Nijmegen, The Netherlands
Peter Thiemann	University of Freiburg, Germany
Phil Trinder	Herriot-Watt University, Edinburgh, UK
Germán Vidal	Technical University of Valencia, Spain

Workshop Organization

Andrew Butterfield, Glenn Strong, Malcolm Dowse, Department of Computer Science, University of Dublin.

Further Information

Website: <http://www.cs.tcd.ie/if105>
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