

## Call For Papers

### 25th Symposium on Implementation and Application of Functional Languages

IFL 2013

Radboud University Nijmegen, the Netherlands, August 28-30 2013

“Landgoed Holthurnsche Hof”

<http://ifl2013.cs.ru.nl>



We are proud to announce that the **25th** edition of the IFL series returns to its roots at the Radboud University Nijmegen in the Netherlands. The symposium is held from 28<sup>th</sup> to 30<sup>th</sup> of August 2013.

#### Scope

The goal of the IFL symposia is to bring together researchers actively engaged in the implementation and application of functional and function-based programming languages. IFL 2013 is a venue for researchers to present and discuss new ideas and concepts, work in progress, and publication-ripe results related to the implementation and application of functional languages and function-based programming.

Following the IFL tradition, IFL 2013 will use a *post-symposium* review process to produce the formal proceedings which will be published in the ACM Digital Library. All participants of IFL 2013 are invited to submit either a draft paper or an extended abstract describing work to be presented at the symposium. At no time may work submitted to IFL be simultaneously submitted to other venues; submissions must adhere to ACM SIGPLAN's republication policy:

<http://www.sigplan.org/Resources/Policies/Republication>

The submissions will be screened by the program committee chair to make sure they are within the scope of IFL, and will appear in the draft proceedings distributed at the symposium. Submissions appearing in the draft proceedings are not peer-reviewed publications. Hence, publications that appear only in the draft proceedings do not count as publication for the ACM SIGPLAN republication policy. After the symposium, authors will be given the opportunity to incorporate the feedback from discussions at the symposium and will be invited to submit a revised full

article for the formal review process. From the revised submissions, the program committee will select papers for the formal proceedings considering their correctness, novelty, originality, relevance, significance, and clarity.

#### Invited Speaker

Lennart Augustsson, currently employed by the Standard Chartered Bank, well-known for his work on Haskell, parallel Haskell, Cayenne, and Bluespec, is the invited speaker of IFL 2013. He will talk about practical applications of functional programming.

#### Submission Details

Submission deadline draft papers:	July 31
Notification of acceptance for presentation:	August 2
Early registration deadline:	August 7
Late registration deadline:	August 14
Submission deadline for pre-symposium proceedings:	August 21
<b>25th IFL Symposium:</b>	<b>August 28-30</b>
Submission deadline for post-symposium proceedings:	November 11
Notification of acceptance for post-symposium proceedings:	December 18
Camera-ready version for post-symposium proceedings:	February 3 2014

Prospective authors are encouraged to submit papers or extended abstracts to be published in the draft proceedings and to present them at the symposium. All

contributions must be written in English. Papers must adhere to the standard ACM two columns conference format. For the pre-symposium proceedings we adopt a 'weak' page limit of 12 pages. For the post-symposium proceedings the page limit of 12 pages is firm. A suitable document template for LaTeX is found at:

<http://www.acm.org/sigs/sigplan/authorInformation.htm>

Papers are to be submitted via the conference's EasyChair submission page:

<https://www.easychair.org/conferences/?conf=ifl2013>

### Topics

IFL welcomes submissions describing practical and theoretical work as well as submissions describing applications and tools in the context of functional programming. If you are not sure whether your work is appropriate for IFL 2013, please contact the PC chair at [rinus@cs.ru.nl](mailto:rinus@cs.ru.nl). Topics of interest include, but are not limited to:

- language concepts
- type systems, type checking, type inferencing
- compilation techniques
- staged compilation
- run-time function specialization
- run-time code generation
- partial evaluation
- (abstract) interpretation
- metaprogramming
- generic programming
- automatic program generation
- array processing
- concurrent/parallel programming
- concurrent/parallel program execution
- embedded systems
- web applications
- (embedded) domain specific languages
- security
- novel memory management techniques
- run-time profiling performance measurements
- debugging and tracing
- virtual/abstract machine architectures
- validation, verification of functional programs
- tools and programming techniques
- (industrial) applications

### Peter Landin Prize

The Peter Landin Prize is awarded to the best paper presented at the symposium every year. The honoured article is selected by the program committee based on the submissions received for the formal review process. The prize carries a cash award equivalent to 150 Euros.

### Programme committee

- Thomas Arts, Quviq, Gothenburg, Sweden
- Andrew Butterfield, Trinity College, Dublin, Ireland
- Edwin Brady, University of St. Andrews, UK
- Clemens Grelck, University of Amsterdam, Netherlands
- Adam Granicz, IntelliFactory, Budapest, Hungary
- Jeremy Gibbons, University of Oxford, UK
- Fritz Henglein, University of Copenhagen, Denmark
- Stephan Herhut, Intel Labs, Santa Clara, US
- Ralf Hinze (co-chair), University of Oxford, UK
- Zoltán Horváth, Eötvös Loránd University, Budapest, Hungary
- Zhenjiang Hu, National Institute of Informatics, Japan
- Mauro Jaskelioff, Universidad Nacional de Rosario, Argentina
- Johan Jeuring, University of Utrecht, Netherlands
- Rita Loogen, University of Marburg, Germany
- Marco T. Morazán, Seton Hall University, New Jersey, US
- Dominic Orchard, University of Cambridge, UK
- Rinus Plasmeijer (chair), Radboud University Nijmegen, Netherlands
- Tim Sheard, Portland State University, US
- Sam Tobin-Hochstadt, Northeastern University / Indiana University, US
- Peter Thiemann, University of Freiburg, Germany
- Simon Thompson, University of Kent, UK

### Venue

The 25th IFL is organized by the Radboud University Nijmegen, Model Based Software Development Department at the Nijmegen Institute for Computing and Information Sciences. The event is held in the Landgoed "Holthurnsche Hof", a rural estate in the woodlands surrounding Nijmegen. It can be reached quickly and easily by public transport.