

[ CALL FOR PAPERS ]

## 2004 Haskell Workshop

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Snowbird, Utah, USA — 22 September, 2004

<http://www.cs.nott.ac.uk/~nhn/HW2004>

The Haskell Workshop 2004 is an ACM SIGPLAN sponsored workshop affiliated with the 2004 International Conference on Functional Programming (ICFP). Previous Haskell Workshops have been held in La Jolla (1995), Amsterdam (1997), Paris (1999), Montreal (2000), Firenze (2001), Pittsburgh (2002), and Uppsala (2003).

### Scope

The purpose of the Haskell Workshop is to discuss experience with Haskell, and possible future developments for the language. The scope of the workshop includes all aspects of the design, semantics, theory, application, implementation, and teaching of Haskell. Topics of interest include, but are not limited to, the following:

**Language Design** with a focus on possible extensions and modifications of Haskell as well as critical discussions of the status quo;

**Theory** in the form of a formal treatment of the semantics of the present language or future extensions, type systems, and foundations for program analysis and transformation;

**Implementation Techniques** including program analysis and transformation, static and dynamic compilation for sequential, parallel, and distributed architectures, memory management as well as foreign function and component interfaces;

**Tool Support** in the form of profilers, tracers, debuggers, pre-processors, and so forth;

**Applications, Practice, and Experience** with Haskell for scientific and symbolic computing, database, multimedia and Web applications, and so forth as well as general experience with Haskell in education and industry;

**Functional Pearls** being elegant, instructive examples of using Haskell.

Papers in the latter two categories need not necessarily report original research results; they may instead, for example, report practical experience that will be useful to others, re-usable programming idioms, or elegant new ways of approaching a problem. The key criterion for such a paper is that it makes a contribution from which other practitioners can benefit. It is not enough simply to describe a program!

The programme committee welcomes short papers and may accept them for brief presentation at the workshop.

### Submission Details

Deadline for submission:	<b>4 June, 2004</b>
Notification of acceptance:	5 July, 2004
Final submission due:	30 July, 2004 (tentative)
Haskell Workshop:	22 September, 2004

Authors should submit papers in postscript format, formatted for A4 paper, to Henrik Nilsson ([nhn@cs.nott.ac.uk](mailto:nhn@cs.nott.ac.uk)) by 4 June 2004. The length should be restricted to the equivalent of 5000 words (which is approximately 12 pages in ACM format). The papers will be published by the ACM and will appear in the ACM Digital Library.

If you are interested in demonstrating a Haskell-related system or tool, please send a brief demo proposal to Henrik Nilsson ([nhn@cs.nott.ac.uk](mailto:nhn@cs.nott.ac.uk)).

### Programme Committee

Jörgen Gustavsson	Chalmers
Thomas Hallgren	OGI
Jerzy Karczmarczuk	Université de Caen
Daan Leijen	Universiteit Utrecht
Henrik Nilsson (chair)	University of Nottingham
Colin Runciman	University of York
Martin Sulzmann	National University of Singapore
Valery Trifonov	Yale University