ACM SIGPLAN Haskell Symposium 2010

Baltimore MD, United States
30th September, 2010

CALL FOR PAPERS

http://www.haskell.org/haskell-symposium/2010/

Programme Committee

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Vector Fabrics

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Portland State University

Malcolm Wallace
University of York

Important Dates

Submission deadline
Mon, 14th June 2010,
15:00 UTC

Author notification
Mon, 12th July 2010

Final papers due
Mon, 2nd August 2010

The ACM SIGPLAN Haskell Symposium 2010 will be co-located with the 2010 International Conference on Functional Programming (ICFP), in Baltimore, Maryland.

The purpose of the Haskell Symposium is to discuss experiences with Haskell and future developments for the language. The scope of the symposium includes all aspects of the design, semantics, theory, application, implementation, and teaching of Haskell.

Topics of interest include, but are not limited to:

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

Theory, such as formal treatments of the semantics of the present language or future extensions, type systems, and foundations for program analysis and transformation;

Implementations, 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;

Tools, in the form of profilers, tracers, debuggers, pre-processors, and suchlike;

Functional Pearls, being elegant, instructive examples of using Haskell;

Applications, Practice, and Experience, using 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.

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, reusable programming idioms, or elegant new ways of approaching a problem. (More advice appears on the symposium webpage.) The key criterion for such a paper is that it makes a contribution from which other Haskellers can benefit. It is not enough simply to describe a program!

Before 2008, the Haskell Symposium was known as the Haskell Workshop. The name change reflects both the steady increase of influence of the Haskell Workshop on the wider community, as well as the increasing number of high quality submissions. The selection process is highly competitive. After eleven Haskell Workshops between 1995 and 2007, the first Haskell Symposium was held in Victoria in 2008, and the second in Edinburgh in 2009.

Submission Details

Submitted papers should be in portable document format (PDF), formatted using the ACM SIGPLAN style guidelines (*http://www.acm.org/sigs/sigplan/authorInformation.htm*). The text should be in a 9pt font in two columns; the length is restricted to 12 pages, except for "Applications, Practice, and Experience" papers, which are restricted to 6 pages. Each submission must adhere to SIGPLAN's republication policy, as explained on the web. Violation risks summary rejection of the offending submission. Accepted papers will be published by the ACM and will appear in the ACM Digital Library.

In addition, we solicit proposals for system demonstrations, based on running (perhaps prototype) software rather than necessarily on novel research results. Proposals are limited to 2-page abstracts, in the same ACM format as papers, and should explain why a demonstration would be of interest to the Haskell community. They will be assessed for relevance by the PC; accepted proposals will be published on the Symposium website, but not formally published in the proceedings.

Links

http://www.haskell.org/haskell-symposium
http://www.haskell.org/haskell-symposium/2010
http://www.icfpconference.org/icfp2010