

Dynamic Languages Symposium 2012

Co-located with SPLASH 2012

In association with ACM SIGPLAN

Tucson, Arizona, USA, October 22, 2012

<http://www.dynamic-languages-symposium.org/dls-12/>

Call for papers (due July 11, 2012)

The 8th Dynamic Languages Symposium (DLS) at SPLASH 2012 is a forum for the discussion of dynamic languages, their implementation and application. While mature dynamic languages including Smalltalk, Lisp, Scheme, Self, Prolog, and APL continue to grow and inspire new converts, a new generation of dynamic scripting languages such as JavaScript, Python, Ruby, PHP, Tcl, Lua, and Clojure are successful in a wide range of applications. DLS provides a place for researchers and practitioners to come together and share their knowledge, experience, and ideas for future research and development.

DLS 2012 invites high quality papers reporting original research, innovative contributions or experience related to dynamic languages, their implementation and application. Accepted Papers will be published in the ACM Digital Library.

Areas of interest include but are not limited to:

- Innovative language features and implementation techniques
- Development and platform support, tools
- Interesting applications
- Domain-oriented programming
- Very late binding, dynamic composition, and runtime adaptation
- Reflection and meta-programming
- Software evolution
- Language symbiosis and multi-paradigm languages
- Dynamic optimization
- Hardware support
- Experience reports and case studies
- Educational approaches and perspectives
- Object-oriented, aspect-oriented, and context-oriented programming

Submissions and proceedings

We invite original contributions that neither have been published previously nor are under review by other refereed events or publications. Research papers should describe work that advances the current state of the art. Experience papers should be of broad interest and should describe insights gained from substantive practical applications. The program committee will

evaluate each contributed paper based on its relevance, significance, clarity, length, and originality.

Papers should be of a length appropriate to their content: a shorter paper may be sufficient to describe a smaller but still significant result, and no paper will be rated poorly solely based on its length.

Accepted papers will be published in the ACM Digital Library.

Papers are to be submitted electronically at <http://www.easychair.org/conferences?conf=dls12> in PDF format. Submissions should not exceed 12 pages and need to use the ACM format, templates for which can be found at <http://www.sigplan.org/authorInformation.htm>.

Important dates

- Submission of papers: July 11, 2012 (hard deadline)
- Author notification: August 1, 2012
- Final versions due: August 15, 2012
- DLS 2012: October 22, 2012
- SPLASH 2012: October 19-26, 2012

Program chair

- Alessandro Warth, Google, USA

Program committee

- Henry Baker, USA
- Carl Friedrich Bolz, Heinrich-Heine-Universität Düsseldorf, Germany
- Gilad Bracha, Google, USA
- William R. Cook, University of Texas at Austin, USA
- Pascal Costanza, Intel, Belgium
- Tom Van Cutsem, Vrije Universiteit Brussel, Belgium
- Marcus Denker, Inria, France
- Matthew Flatt, University of Utah, USA
- Charlotte Herzeel, Vrije Universiteit Brussel, Belgium
- Robert Hirschfeld, Hasso-Plattner-Institut Potsdam, Germany
- Sam Tobin-Hochstadt, Northeastern University, USA
- Mark Miller, Google, USA
- Todd Millstein, University of California, Los Angeles, USA
- James Noble, Victoria University of Wellington, New Zealand
- Laurence Tratt, King's College London, UK
- Alessandro Warth, Google, USA (chair)



SIGPLAN

