Call For Papers: 21th International Workshop on Foundations of Object-Oriented Languages

A Workshop of SPLASH (OOPSLA) 2014 Portland, Oregon, United States.
http://2014.splashcon.org/track/fool2014

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Important dates

- August 15, 2014 Abstract submission
- August 23, 2014 Full paper submission
- September 26, 2014 Notification
- October 10, 2014 Paper due for informal proceedings
- October 20, 2014 Workshop

Invitation

The search for sound principles for object-oriented languages has given rise to much work during the past two decades, leading to a better understanding of the key concepts of object-oriented languages and to important developments in type theory, semantics, program verification, and program development.

Submissions for this event are invited in the general area of foundations of object-oriented languages. Topics of interest include language semantics, type systems, type modifiers, memory models, program verification, object capabilities, formal calculi, concurrent and distributed languages, database languages, and language-based security issues.

Papers are welcome to include formal descriptions and proofs, but these are not required; the key consideration is that papers should present novel and valuable ideas or experiences. The main focus in selecting workshop contributions will be the intrinsic interest and timeliness of the work, so authors are encouraged to submit polished descriptions of work in progress as well as papers describing completed projects.

We solicit submissions on original research not previously published or currently submitted for publication elsewhere. The program chair should be informed of any related submissions; see the ACM SIGPLAN Republication Policy. Submissions should be PDF in standard SIGPLAN 10pt conference format for a US-letter size page. While submissions can be up to 12 pages, shorter papers describing promising preliminary work are also encouraged. Papers must be submitted electronically via EasyChair. (`www.easychair.org/conferences/?conf=fool2014`)

NEW: Future of Object-Oriented Foundations session at FOOL 2014

Over the past 20 years, research presented at FOOL has lead to a more solid understanding of the foundations of today's object-oriented programming languages. At the same time, new object-oriented languages and concepts are constantly being proposed, and there remain core topics that have not yet been fully explored. This year at FOOL 2014, we will hold a special session on the Future of Object-Oriented Foundations (FOOF). For this session, we solicit short papers as well as brief position statements regarding future research in object-oriented foundations:

- A short paper will have the same format as regular submissions to FOOL, and will be reviewed in a similar way, but will be limited to 4 pages.
- A position statement includes a title, authors, and 2-3 paragraphs of text summarizing the position. These will be lightly evaluated to ensure the position is of interest to the community.

Authors of short papers will be given short presentation slots to present them in the FOOF session. One author of each position statement will be invited to participate in an panel related to the position statement's topic. Possible topics include, but are not limited to: brands, tags, and pattern matching; module systems and modularity; protocols, typestate, and sessions; ownership, permissions, and immutability; concurrent and distributed object models; OO logics and reasoning; and gradual/hybrid types and verification.

Proceedings

An informal proceedings will be made publicly available on the web page. However, presentation at FOOL does not count as prior publication, and many of the results presented at FOOL have later been published at ECOOP, OOPSLA, POPL, and other main conferences.

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