

CACM Research Highlights Nominating Committee

Ben Zorn, chair

What is the CACM RH Nominating Committee?

- We nominated papers appearing in SIGPLAN conferences to the Communications of the ACM to appear in their Research Highlight track
- The CACM Research Highlight track accepts papers from all areas of computer science to be highlighted as especially important and relevant for the 80,000+ membership of the ACM
- The SIGPLAN conferences from which our committee selects papers for nomination include:
 - POPL, PLDI, ICFP, OOPSLA, PPDP, GPCE, Haskell, PPOPP, VEE, ISMM, LCTES, ASPLOS, CGO, etc.
- The submission of papers for consideration is done by both committee members and members of the community at large (see below)
- The nominating committee meets approximate 2 times per year to make nominations

Results from February 2011 Meeting

Nominated 4 new papers:

- Title: [Lime: a Java-Compatible and Synthesizable Language for Heterogeneous Architectures](#)
Authors: Joshua Auerbach, IBM Research, David F. Bacon, IBM Research, Perry Cheng, IBM Research, Rodric Rabbah, IBM Research
Venue: OOPSLA 2010
- Title: [Nikola: Embedding Compiled GPU Functions in Haskell](#)
Authors: Geoffrey Mainland, Harvard School of Engineering and Applied Sciences, Greg Morrisett, Harvard School of Engineering and Applied Sciences
Venue: Haskell Symposium 2010
- Title: [The Impact of Higher-Order State and Control Effects on Local Relational Reasoning](#)
Authors: Derek Dreyer (MPI-SWS); Georg Neis (MPI-SWS); Lars Birkedal (IT University of Copenhagen)
Venue: ICFP 2010
- Title: [Lightweight Modular Staging: A Pragmatic Approach to Runtime Code Generation and Compiled DSLs](#)
Authors: Tiark Rompf, École Polytechnique Fédérale de Lausanne Martin Odersky, École Polytechnique Fédérale de Lausanne
Venue: GPCE 2010

Overall Results

2 SIGPLAN-nominated papers appeared in the CACM November 2010

- Title: [FastTrack: Efficient and Precise Dynamic Race Detection](#)
Authors: Cormac Flanagan and Stephen N. Freund
Venue: PLDI 2009
- Title: [Goldilocks: A Race and Transaction-Aware Java Runtime](#)
Authors: Tayfun Elmas, Shaz Qadeer, and Serdar Tasiran
Venue: PLDI 2007



- **In total 17 papers nominated, 5 have appeared in CACM Research Highlights**

Submit your own nominations now

Visit: <http://cacm.elis.ugent.be/>

SIGPLAN CACM Research Highlights Nomination

Welcome

Welcome to the SIGPLAN CACM Research Highlights Nomination website. This site allows members of the SIGPLAN community to propose papers published in SIGPLAN conferences to be nominated for consideration as Research Highlights contributions in CACM. Information about the process of nomination and selection, including members of the nominating committee is provided at the following URL: <http://www.sigplan.org/CACMNominationPolicy.htm>.

In order to nominate a paper, either:

- login using a previously created account
- or contact Ben Zorn (SIGPLAN CACM Nominating Committee Chair) to request a new account.

• Committee Members:

- Member of EC (chair)
- SIGPLAN chair
- Past SIGPLAN chair
- POPL delegate
- PLDI delegate
- OOPSLA delegate
- ICFP delegate
- PPDP/GPCE/Haskell
- PPOPP/VEE/ISMM
- LCTES/ASPLOS/CGO

Ben Zorn
Philip Wadler
Kathleen Fisher
Jens Palsberg
Michael Hind
Gary Leavens
Stephanie Weirich
Andres Loeh
Hans Boehm
David August