



CALL FOR PAPERS



## ACM SIGPLAN 2009 Conference on Programming Language Design and Implementation (PLDI)

Trinity College, Dublin, June 15th-21st

Sponsored by ACM SIGPLAN in cooperation with ACM SIGSOFT

<http://www.cs.colorado.edu/pldi09>

**Scope of the Technical Program.** The PLDI conference seeks original research papers that focus on issues in the design, development, implementation, evaluation, and use of programming languages. A strong PLDI submission will present a creative solution to a real problem, or evaluate existing solutions in a way that sheds new insights, or both. Click [here](#) to see our thoughts on what makes a great PLDI paper.

**Topics of Interest.** Papers are solicited on, but not limited to, the following topics as they relate to the design, development, implementation, evaluation, and use of programming languages:

- Extracting parallelism from programs
- Memory management
- Program analyses
- Performance optimizations
- Domain-specific languages and tools
- Type systems and program logics
- Language designs and extensions
- Checking or improving the safety, security, or correctness of programs
- Exploiting explicit parallelism in programs
- Language constructs for parallelism
- Performance analysis, evaluation, and tools
- Pointer analyses
- Novel programming models
- Debugging techniques and tools
- Analyses and tools for transforming and understanding programs
- Interaction of compilers and run-time systems with underlying systems

**Submission.** Submissions may not exceed 10 pages formatted according to the ACM proceedings format. These 10 pages include everything (i.e., it is the total length of the paper). The program chair will reject papers that exceed the length requirement or are submitted late. Templates for ACM format are available for Word Perfect, Microsoft Word, and LaTeX at <http://www.acm.org/sigs/sigplan/authorInformation.htm> (use the 9 pt template). Submissions should be in PDF and printable on US Letter and A4 sized paper.

Paper submission is double-blind to reduce reviewer bias against or for authors or institutions. Thus, the submissions cannot include author names or institutions. Please read [these](#) guidelines for preparing your double-blind submission.

Papers must describe unpublished work that is not currently submitted for publication elsewhere (including journals and proceedings of refereed conferences and workshops). See the SIGPLAN republication policy for more details (<http://www.acm.org/sigs/sigplan/republicationpolicy.htm>).

**Evaluation.** The program committee will evaluate the technical contribution of each submission as well as its general accessibility to the PLDI audience. Papers will be judged on significance, originality, relevance, correctness, and clarity. The paper must be organized so that it is easily understood by an audience with varied expertise. The paper should clearly identify what has been accomplished, why it is significant, and how it relates to previous work.

## Important Dates.

- **Abstract deadline:** Friday, Nov 7th, 11:59:59 p.m. EST
- **Paper deadline:** Friday, Nov 14th, 11:59:59 p.m. EST
- **Rebuttal period:** Monday, Jan 12th to Wednesday, Jan 14th
- **Notification:** Tuesday, January 27th

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### General Chair

[Michael Hind](#)

IBM Research

[hindm@us.ibm.com](mailto:hindm@us.ibm.com)

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Trinity College Dublin

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[diwan@cs.colorado.edu](mailto:diwan@cs.colorado.edu)

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## External Review Committee

The external review committee (ERC) is a new addition to PLDI 2009. This committee will provide most (if not all)

of the external reviews for PLDI. We added the ERC to ensure that most of the paper reviews are from (i) experts and (ii) from people that are reviewing a number of PLDI papers and are thus calibrated to the paper quality.

Vikram Adve, UIUC  
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Darko Marinov, UIUC  
Matthias Meyer, U. Stuttgart  
Kathryn McKinley, UT Austin  
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Michael Schwartzbach, U. Aarhus  
Olin Shivers, Northeastern  
Manu Sridharan, IBM  
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