



11th USENIX Symposium on Operating Systems Design and Implementation (OSDI '14)

Sponsored by USENIX in cooperation with ACM SIGOPS

October 6–8, 2014, Broomfield, CO

Important Dates

Abstract registration due: *Thursday, April 24, 2014, 9:00 p.m. PDT*

Complete paper submissions due: *Thursday, May 1, 2014, 9:00 p.m. PDT*

Notification to authors: *Thursday, July 17, 2014*

Final papers due: *Wednesday, September 10, 2014*

Symposium Organizers

Program Co-Chairs

Jason Flinn, *University of Michigan*

Hank Levy, *University of Washington*

Program Committee

Atul Adya, *Google*

Lorenzo Alvisi, *University of Texas, Austin*

Dave Andersen, *Carnegie Mellon University*

Remzi Arpaci-Dusseau, *University of Wisconsin-Madison*

Mihai Budiu, *Microsoft Research*

George Candea, *EPFL*

Peter Chen, *University of Michigan*

Allen Clement, *Max Planck Institute for Software Systems*

Landon Cox, *Duke University*

Nick Feamster, *Georgia Tech*

Bryan Ford, *Yale University*

Roxana Gaembasu, *Columbia University*

Steve Gribble, *University of Washington and Google*

Gernot Heiser, *University of New South Wales*

Frans Kaashoek, *Massachusetts Institute of Technology*

Ed Nightingale, *Microsoft*

Timothy Roscoe, *ETH Zurich*

Emin Gün Sirer, *Cornell University*

Doug Terry, *Microsoft Research*

Geoff Voelker, *University of California, San Diego*

Andrew Warfield, *University of British Columbia*

Junfeng Yang, *Columbia University*

Yuanyuan Zhou, *University of California, San Diego*

Willy Zwaenepoel, *EPFL*

External Review Committee

Emery Berger, *University of Massachusetts*

Luis Ceze, *University of Washington*

Angela Demke Brown, *University of Toronto*

Greg Ganger, *Carnegie Mellon University*

Joseph Gonzalez, *University of California, Berkeley*

Andreas Haeberlen, *University of Pennsylvania*

Galen Hunt, *Microsoft Research*

Sam King, *Adrenaline Mobility and University of Illinois*

Eddie Kohler, *Harvard University*

Ramakrishna Kotla, *Microsoft Research*

Jinyang Li, *New York University*

Wyatt Lloyd, *Facebook and University of Southern California*

Shan Lu, *University of Wisconsin*

Jeff Mogul, *Google*

Satish Narayanasamy, *University of Michigan*

Jason Nieh, *Columbia University*

Vivek Pai, *Princeton University*

Rodrigo Rodrigues, *Universidade Nova de Lisboa*

Bianca Schroeder, *University of Toronto*

Mike Swift, *University of Wisconsin*

Kaushik Veeraraghavan, *Facebook*

Hakim Weatherspoon, *Cornell University*

Matt Welsh, *Google*

John Wilkes, *Google*

Emmett Witchel, *University of Texas*

Ding Yuan, *University of Toronto*

Nickolai Zeldovich, *MIT CSAIL*

Feng Zhao, *Microsoft Research*

Steering Committee

Remzi Arpaci-Dusseau, *University of Wisconsin-Madison*

Brad Chen, *Google*

Casey Henderson, *USENIX*

Brian Noble, *University of Michigan*

Margo Seltzer, *Harvard School of Engineering and Applied Sciences and Oracle*

Chandu Thekkath, *Microsoft Research Silicon Valley*

Amin Vahdat, *Google and University of California, San Diego*

Overview

The 11th USENIX Symposium on Operating Systems Design and Implementation seeks to present innovative, exciting research in computer systems. OSDI brings together professionals from academic and industrial backgrounds in what has become a premier forum for discussing the design, implementation, and implications of systems software. The OSDI Symposium emphasizes innovative research as well as quantified or insightful experiences in systems design and implementation. OSDI takes a broad view of the systems area and solicits contributions from many fields of systems practice, including, but not limited to, operating systems, file and storage systems, distributed systems, cloud computing, mobile systems, secure and reliable systems, embedded systems, virtualization, networking as it relates to operating systems, management and troubleshooting of complex systems. We also welcome work that explores the interface to related areas such as computer architecture, networking, programming languages, and databases. We particularly encourage contributions containing highly original ideas, new approaches, and/or groundbreaking results.

Submitting a Paper

Submissions will be judged on originality, significance, interest, clarity, relevance, and correctness. All accepted papers will be shepherded through an editorial review process by a member of the program committee.

A good paper will:

- Motivate a significant problem
- Propose an interesting, compelling solution
- Demonstrate the practicality and benefits of the solution
- Draw appropriate conclusions
- Clearly describe the paper's contributions
- Clearly articulate the advances beyond previous work

All papers will be available online to registered attendees before the conference. If your accepted paper should not be published prior to the event, please notify production@usenix.org. The papers will be available online to everyone beginning on the first day of the conference, October 6, 2014.

Papers accompanied by nondisclosure agreement forms will not be considered. All submissions will be treated as confidential prior to publication on the USENIX OSDI '14 Web site; rejected submissions will be permanently treated as confidential.

Simultaneous submission of the same work to multiple venues, submission of previously published work, or plagiarism constitutes dishonesty or fraud. USENIX, like other scientific and technical conferences and journals, prohibits these practices and may, on the recommendation of a program chair, take action against authors who have committed them. See the USENIX Conference Submissions Policy at www.usenix.org/conferences/submissions-policy for details.

Prior workshop publication does not preclude publishing a related paper in OSDI. Authors should email the program co-chairs, osdi14chairs@usenix.org, a copy of the related workshop paper and a short explanation of the new material in the conference paper beyond that published in the workshop version.

Questions? Contact your program co-chairs, osdi14chairs@usenix.org, or the USENIX office, submissionspolicy@usenix.org.

By submitting a paper, you agree that at least one of the authors will attend the conference to present it. If the conference registration fee will pose a hardship for the presenter of the accepted paper, please contact conference@usenix.org.

If your paper is accepted and you need an invitation letter to apply for a visa to attend the conference, please contact conference@usenix.org as soon as possible. (Visa applications can take at least 30 working days to process.) Please identify yourself as a presenter and include your mailing address in your email.

Deadline and Submission Instructions

Authors are required to register abstracts by 9:00 p.m. PDT on April 24, 2014, and to submit full papers by 9:00 p.m. PDT on May 1, 2014. These are hard deadlines. No extensions will be given. Submitted papers must be no longer than 12 single-spaced 8.5" x 11" pages, including figures and tables, plus as many pages as needed for references, using 10-point type on 12-point (single-spaced) leading, two-column format, Times Roman or a similar font, within a text block 6.5" wide x 9" deep. Final papers may gain two pages, for a total of 14 pages. Papers not meeting these criteria will be rejected without review, and no deadline extensions will be granted for reformatting. Pages should be numbered, and figures and tables should be legible in black and white, without requiring magnification. Papers so short as to be considered "extended abstracts" will not receive full consideration.

Papers must be in PDF format and must be submitted via the Web submission form on the Call for Papers Web site, www.usenix.org/osdi14/cfp.

Blind reviewing of full papers will be done by the program committee and external review committee, with limited use of outside referees. Authors must make a good faith effort to anonymize their submissions, and they should not identify themselves either explicitly or by implication (e.g., through the references or acknowledgments). Submissions violating the detailed formatting and anonymization rules will not be considered for publication.

Authors are encouraged to contact the program co-chairs, osdi14chairs@usenix.org, if needed to relate their OSDI submissions to relevant submissions of their own that are simultaneously under review or awaiting publication at other venues. The program co-chairs will use this information at their discretion to preserve the anonymity of the review process without jeopardizing the outcome of the current OSDI submission.

For more details on the submission process, and for templates to use with LaTeX, Word, etc., authors should consult the detailed submission requirements linked from the Call for Papers Web site.

Jay Lepreau Award for the Best Paper

The program committee will, at its discretion, determine which paper(s) should receive the Jay Lepreau Award for the Best Paper.

Poster Session

We plan to hold a poster session in conjunction with a social event at the Symposium. Details on submitting posters for review will be available on the Web site by August 2014.

Registration Materials

Complete program and registration information will be available in August 2014 on the conference Web site.

