

# OSDI '16: 12th USENIX Symposium on Operating Systems Design and Implementation

## November 2–4, 2016 • Savannah, GA

Sponsored by USENIX, the Advanced Computing Systems Association

### Important Dates

- Abstract registration due: **May 3, 2016, 6:00 p.m. EDT**
- Complete paper submissions due: **May 10, 2016, 6:00 p.m. EDT**
- Notification to authors: **July 30, 2016**
- Final papers due: **TBA**

### Symposium Organizers

#### Program Co-Chairs

Kimberly Keeton, *Hewlett Packard Labs*  
Timothy Roscoe, *ETH Zürich*

#### Program Committee

Nitin Agrawal, *Samsung Labs*  
Andrea Arpaci-Dusseau, *University of Wisconsin—Madison*  
Sujata Banerjee, *Hewlett Packard Labs*  
Andrew Baumann, *Microsoft Research Redmond*  
Jeff Chase, *Duke University*  
Peter Chen, *University of Michigan*  
Byung-Gon Chun, *Seoul National University*  
Jeff Dean, *Google*  
Amol Deshpande, *University of Maryland*  
Peter Druschel, *Max Planck Institute for Software Systems (MPI-SWS)*  
Sasha Fedorova, *University of British Columbia*  
Bryan Ford, *École Polytechnique Fédérale de Lausanne (EPFL)*  
Roxana Geambasu, *Columbia University*  
Philip Gibbons, *Carnegie Mellon University*  
Saikat Guha, *Microsoft Research India*  
Gernot Heiser, *NICTA and University of New South Wales*  
Y. Charlie Hu, *Purdue University*  
Galen Hunt, *Microsoft Research Redmond*  
Rebecca Isaacs, *Google*  
Michael Kaminsky, *Intel Labs*  
Randy Katz, *University of California, Berkeley*  
Dejan Kostic, *KTH Royal Institute of Technology*  
Tim Kraska, *Brown University*  
Orran Krieger, *Boston University*  
Phil Levis, *Stanford University*  
Boon Loo, *University of Pennsylvania*  
Shan Lu, *University of Chicago*  
Petros Maniatis, *Google*  
Z. Morley Mao, *University of Michigan*

Frank McSherry, *ETH Zürich*  
James Mickens, *Harvard University*  
Thomas Moscibroda, *Microsoft Research China*  
Dushyanth Narayanan, *Microsoft Research Cambridge*  
Sam H. Noh, *UNIST (Ulsan National Institute of Science & Technology)*  
KyoungSoo Park, *Korea Advanced Institute of Science and Technology (KAIST)*  
Simon Peter, *The University of Texas at Austin*  
George Porter, *University of California, San Diego*  
Dan Ports, *University of Washington*  
Chris Rossbach, *VMware Research and The University of Texas at Austin*  
Michael Scott, *University of Rochester*  
Margo Seltzer, *Harvard University and Oracle Labs*  
Emin Gün Sirer, *Cornell University*  
Dawn Song, *University of California, Berkeley*  
Michael Stumm, *University of Toronto*  
Patrick Traynor, *University of Florida*  
Dan Tsafir, *Technion—Israel Institute of Technology*  
Robert Watson, *University of Cambridge*  
Ellen Zegura, *Georgia Institute of Technology*  
Zheng Zhang, *NYU Shanghai*

#### Steering Committee

Brad Chen, *Google*  
Jason Flinn, *University of Michigan*  
Casey Henderson, *USENIX Association*  
Hank Levy, *University of Washington*  
James Mickens, *Harvard University*  
Brian Noble, *University of Michigan*  
Margo Seltzer, *Harvard School of Engineering and Applied Sciences and Oracle*  
Amin Vahdat, *Google and University of California, San Diego*

#### Overview

The 12th 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 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, systems aspects of big data, embedded systems, virtualization, networking as



it relates to operating systems, and management and troubleshooting of complex systems. We also welcome work that explores the interface to related areas such as computer architecture, networking, programming languages, analytics and databases. We particularly encourage contributions containing highly original ideas, new approaches, and/or groundbreaking results.

## Submitting a Paper

Submissions will be judged on novelty, 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](mailto:production@usenix.org). The papers will be available online to everyone beginning on the first day of the conference, November 2, 2016.

Papers accompanied by nondisclosure agreement forms will not be considered. All submissions will be treated as confidential prior to publication on the USENIX OSDI '16 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](http://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, [osdi16chairs@usenix.org](mailto:osdi16chairs@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? Please contact your program co-chairs, [osdi16chairs@usenix.org](mailto:osdi16chairs@usenix.org), or the USENIX office, [submissionspolicy@usenix.org](mailto: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](mailto: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](mailto: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 6:00 p.m. EDT on May 3, 2016, and to submit full papers by 6:00 p.m. EDT on May 10, 2016. These are hard deadlines, and 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. Accepted papers will be allowed 14 pages in the proceedings, plus references. 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 magnifica-

tion. Papers so short as to be considered "extended abstracts" will not receive full consideration.

Reviewing will be double-blind. 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 review. If you are uncertain about how to anonymize your submission, please contact the program co-chairs, [osdi16chairs@usenix.org](mailto:osdi16chairs@usenix.org), well in advance of the submission deadline.

Authors are also encouraged to contact the program co-chairs, [osdi16chairs@usenix.org](mailto:osdi16chairs@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.

Papers must be in PDF format and must be submitted via the Web submission form linked from the Call for Papers Web site, [www.usenix.org/osdi16/cfp](http://www.usenix.org/osdi16/cfp). For more details on the submission process, and for templates to use with LaTeX, Word, etc., authors should consult the detailed submission requirements at [www.usenix.org/conference/osdi16/author-requirements](http://www.usenix.org/conference/osdi16/author-requirements).

## Author Response Period

OSDI will provide an opportunity for authors to respond to reviews prior to final consideration of the papers at the program committee meeting. Authors must limit their responses to (a) correcting factual errors in the reviews or (b) directly addressing questions posed by reviewers. Responses should be limited to clarifying the submitted work. In particular, responses must not include new experiments or data, describe additional work completed since submission, or promise additional work to follow.

Submission of a response is optional. There is no explicit limit to the response, but authors are strongly encouraged to keep it under 500 words; reviewers are neither required nor expected to read excessively long rebuttals.

More details about the author response period will be available here soon.

## 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 2016.

