

# 23rd ACM Symposium on Operating Systems Principles (SOSP 2011)

October 23-26, 2011

Hotel Cascais Miragem, Cascais, Portugal

ACM SIGOPS and INESC-ID in cooperation with USENIX

[www.sigops.org/sosp/sosp11](http://www.sigops.org/sosp/sosp11)

General chair Ted Wobber, MSR Silicon Valley  
Program chair Peter Druschel, MPI-SWS

wobber@microsoft.com  
druschel@mpi-sws.org

Authors are invited to submit papers to the 23rd SOSP on original research related to the design, implementation, analysis, evaluation, and deployment of computer systems software. SOSP 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, mobility, security, embedded systems, dependability, system management, peer-to-peer systems, and virtualization. We also welcome work that explores the interface to related areas such as computer architecture, networking, programming languages and databases. In keeping with SOSP tradition, we will favor work that explores new territory, continues a significant research dialogue, or reflects on experience with or measurements of state of the art implementations. Papers of particular merit will be forwarded to ACM Transactions on Computer Systems for possible publication in a special issue.

A good paper will demonstrate that the authors:

- are attacking a significant problem,
- have devised an interesting, compelling solution,
- have demonstrated the practicality and benefits of the solution,
- have clearly articulated the underlying principles of their work,
- have drawn appropriate conclusions,
- have clearly described what they have done, and
- have clearly articulated the advances beyond previous work.

Submissions will be judged on originality, significance, clarity, relevance, and correctness. In addition to citing relevant, published work, authors must relate their SOSP submissions to relevant submissions of their own that are simultaneously under review for this or other venues. The SOSP PC reserves the right to ask authors to provide copies of related simultaneously-submitted papers.

Submissions will be done electronically. Detailed instructions for the submission process can be found on the conference Web site at [www.sigops.org/sosp/sosp11](http://www.sigops.org/sosp/sosp11).

There will be a scholarship program to support student registration and attendance. Details will be posted on the Web site.

## Affiliated Conferences and Workshops

The ACM Symposium on Cloud Computing 2011 (ACM SOCC 2011) will be held in conjunction with SOSP 2011.

SOSP 2011 will officially host workshops at the conference venue. The purpose of these workshops is to provide a forum for the exchange of ideas and preliminary results of topics related to SOSP in an interactive environment. We invite proposals for "open" workshops with the intent to draw upon the collective experience, interests, and opinions of all SOSP attendees. See the SOSP 2011 web site for further details.

### Important Dates

Deadline to register abstracts	March 11, 2011, 11:59 PM GMT
Submission deadline (HARD, NO EXTENSIONS)	March 18, 2011, 11:59 PM GMT
Acceptance notification	June 30, 2011
WIP and Poster abstracts due	August 12, 2011
Camera-ready deadline (HARD, NO EXTENSIONS)	August 15, 2011
Student travel scholarship applications deadline	August 15, 2011
Early registration deadline	September 7, 2011

## Program Committee

Andrew Birrell, MSR Silicon Valley  
George Candea, EPFL  
Mike Dahlin, UT Austin  
Jeff Dean, Google  
Peter Druschel, MPI-SWS  
Bryan Ford, Yale  
Greg Ganger, Carnegie Mellon  
Steve Gribble, Univ. of Washington  
Steve Hand, Cambridge  
Tim Harris, MSR Cambridge  
Gernot Heiser, UNSW/NICTA  
Rebecca Isaacs, MSR Silicon Valley  
Sam King, UIUC  
Eddie Kohler, UCLA/Meraki

Philip Levis, Stanford  
Petros Maniatis, Intel Labs Berkeley  
Robert Morris, MIT  
Andrew Myers, Cornell  
Adrian Perrig, Carnegie Mellon  
Robbert van Renesse, Cornell  
Ant Rowstron, MSR Cambridge  
Margo Seltzer, Harvard  
Marvin Theimer, Amazon  
Geoffrey M. Voelker, UCSD  
Emmett Witchel, UT Austin  
Nickolai Zeldovich, MIT  
Lidong Zhou, MSR Asia  
YY Zhou, UCSD

## Conference organizers

General Chair	Ted Wobber, MSR Silicon Valley
Treasurer	John MacCormick, Dickinson College
Sponsorship Co-Chairs	Sape Mullender, Alcatel-Lucent Jean-Philippe Martin, MSR Silicon Valley
Workshop Co-Chairs	Chandu Thekkath, MSR Silicon Valley Ramakrishna Kotla, MSR Silicon Valley
Publicity Co-Chairs	Rodrigo Rodrigues, MPI-SWS Junfeng Yang, Columbia Rodrigo Rodrigues, MPI-SWS
Registration	João Leitão, INESC-ID/IST
Local Arrangements	Luis Rodrigues, INESC-ID/IST
Scholarship Committee	Nickolai Zeldovich, MIT Dilma da Silva, IBM David Lie, Univ. of Toronto
Webmaster	Nuno Carvalho, INESC-ID/IST
Poster and WIP Co-Chairs	George Candea, EPFL Bryan Ford, Yale

## Submission Rules

Submitted papers must be no longer than fourteen (14) 8.5"x11" or A4 pages, using a 10 point font on 12 point (single spaced) leading, with a maximum text block of 6.5 inches wide by 9 inches deep. The page limit includes everything: references, title page, figures, appendices, etc. The use of color is acceptable, but the paper should be easily readable if viewed or printed in gray scale. 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 on the Web site will not be considered for publication. There will be no extensions for reformatting.

Blind reviewing of full papers will be done by the program committee, with limited use of outside referees. Papers will be provisionally accepted subject to revision and approval by a program committee member acting as a shepherd. On acceptance, authors will be required to sign an ACM copyright release form. Your submission indicates that you agree to this. Papers will be held in full confidence during the reviewing process, but papers accompanied by nondisclosure agreement forms are not acceptable and will be rejected without review. Authors of accepted papers will be expected to supply electronic versions of their papers and encouraged to supply source code and raw data to help others replicate and better understand their results.

Good luck with your submission!