

Call for Papers

18th ACM Symposium on Operating Systems Principles

October 21-24, 2001

Chateau Lake Louise, Banff, Canada

Conference web site: <http://www.cs.ucsd.edu/sosp01/>

Conference chair: Keith Marzullo, University of California San Diego

Program chair: M. Satyanarayanan, Carnegie Mellon University

Sponsored by: ACM SIGOPS

Authors are invited to submit papers to the 18th SOSP reporting on original research related to the design, implementation, analysis, evaluation, and deployment of operating systems. We seek submissions of high quality that significantly further the knowledge and understanding of the systems community. In keeping with SOSP tradition, we will favor work that explores new territory, continues a significant research dialog, or reflects on experience with practical applications of the community's knowledge. Papers of particular merit will be forwarded to ACM Transactions on Computer Systems for possible publication in a special issue.

The symposium attracts attendees with diverse backgrounds. We solicit papers in the traditional core of the OS field, as well as in the interfaces to areas such as computer architecture, networking, programming languages, and databases. Topics of interest include, but are not restricted to:

High availability	Mobile computing
Scalability and performance	Ubiquitous computing
Security	Power management
File systems	databases
Multimedia	Web support
I/O architectures	Multimedia systems
Networks and communications	Empirical studies
Transactional Support	

Submissions will be done electronically. Detailed instructions for the submission process will be available at the conference web site. Submitted papers must be no longer than fourteen (14) 8.5"x11" or A4 pages in a typeface no smaller than 10 point. The page limit includes everything: references, title page, figures, appendices, etc. Additional formatting guidelines for submissions will be available on the web page. Substantially identical papers must not have been published previously or be under consideration for publication elsewhere. Authors

must not be identified in the submissions, either explicitly or by implication (e.g., through the references or acknowledgments). Submissions violating these rules or the formatting guidelines on the web page will not be considered for publication.

Blind reviewing of full papers will be done by the program committee, assisted by 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. Authors of accepted papers will be encouraged to supply electronic versions of their papers, as well as source code and raw data to help others replicate and better understand their results. These will be disseminated through the Internet.

There will be a scholarship program to support student registration and attendance. Details will become available on the web site.

Important dates

Submission deadline (hard, no extensions): March 26, 2001

Acceptance notification: June 18, 2001

Deadline for camera-ready final papers: July 30, 2001

Program committee

Hari Balakrishnan, MIT

Maurice Herlihy, Brown

Mike Jones, Microsoft

Monica Lam, Stanford

Butler Lampson, Microsoft

Jochen Liedtke, Karlsruhe

Andrew Myers, Cornell

Brian Noble, Michigan

Larry Peterson, Princeton

M. Satyanarayanan, Carnegie Mellon

Margo Seltzer, Harvard

David Tennenhouse, Intel

John Zahorjan, Washington

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