

20th ACM Symposium on Operating Systems Principles



October 23-26, 2005

The Grand Hotel, Brighton, United Kingdom

Sponsored by ACM SIGOPS



Conference Web Site: <http://www.sosp-20.com>

General chair

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Program Committee

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Stefan Savage, UCSD
Liuba Shrira, Brandeis
Gun Sirer, Cornell
Maarten van Steen, Vrije
Universiteit Amsterdam
Willy Zwaenepoel, EPFL

Conference Organizers

Local Arrangements:
Andrew Herbert, Microsoft

Sponsorships:
Galen Hunt, Microsoft

Publicity:
Anne-Marie Kermarrec,
INRIA (IRISA)

Poster Session:
Stephen Hand, Cambridge

Work-in-Progress Reports:
Liuba Shrira, Brandeis

Authors are invited to submit papers to the 20th 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:

Robustness of complex systems
Scalability and performance
Security
File systems
I/O architectures
Overlay networks

Mobile computing
Fault tolerance and high availability
Power management
Sensor networks
Support for Web systems
Empirical studies

Papers will be submitted electronically. Detailed instructions for the submission process can be found 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 can be found on the web page. Papers should include new contributions; substantially identical results 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, 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. 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.

IMPORTANT DATES

Submission deadline (HARD, NO EXTENSIONS)
Acceptance notification
Camera-ready deadline

March 25, 2005
June 15, 2005
July 31, 2005

