

## Call for Participation

# 18th ACM Symposium on Operating Systems Principles

October 21-24 2001  
Chateau Lake Louise  
Alberta, Canada

<http://www.cs.ucsd.edu/sosp01/>



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ACM SIGOPS

*Untrusted Hosts and Confidentiality: Secure Program Partitioning.* S. Zdancewic, L. Zheng, N. Nystrom, A. C. Myers (Cornell)

*BASE: Using Abstraction to Improve Fault Tolerance.* R. Rodrigues, B. Liskov (MIT), M. Castro (Microsoft)

*The Costs and Limits of Availability for Replicated Services.* H. Yu, A. Vahdat (Duke)

*Information and Control in Gray-Box Systems.* A. Arpaci-Dusseau, R. Arpaci-Dusseau (Wisconsin)

*Bugs as Inconsistent Behavior: A General Approach to Inferring Errors in Systems Code.* D. Engler, D. Yu Chen, A. Chou (Stanford)

*An Empirical Study of Operating System Errors.* A. Chou, J.-F. Yang, B. Chelf, S. Hallem, D. Engler (Stanford)

*Real-Time Dynamic Voltage Scaling for Low-Power Embedded Operating Systems.* P. Pillai, K. G. Shin (Michigan)

*Managing Energy and Server Resources in Hosting Centres.* J. S. Chase, D. C. Anderson, P. N. Thakar, A. M. Vahdat (Duke), R. P. Doyle (IBM)

*Handling Synchronous I/O better with a Non-Work-Conserving Disk Scheduler.* S. Iyer, P. Druschel (Rice)

*Resilient Overlay Networks.* D. G. Andersen, H. Balakrishnan, M. F. Kaashoek, R. Morris (MIT)

*Building Efficient Wireless Sensor Networks with Low-Level Naming.* J. Heidemann, F. Silva, C. Intanagonwiwat, R. Govindan (USC/ISI), D. Estrin, D. Ganesan (UCLA)

*Mesh Based Content Routing using XML.* A. C. Snoeren, K. Conley, D. K. Gifford (MIT)

*A Low-Bandwidth Network File System.* A. Muthitacharoen, B. Chen (MIT), D. Mazieres (NYU)

*Storage Management and Caching in PAST, a large-scale, persistent peer-to-peer storage utility.* A. Rowstron (Microsoft), P. Druschel (Rice)

*Wide-Area Cooperative Storage with CFS.* F. Dabek, M. F. Kaashoek, R. Morris (MIT), I. Stoica (Berkeley)

*Building a Robust Software-Based Router Using Network Processors.* T. Spalink, S. Karlin, L. Peterson, Y. Gottlieb (Princeton)

*SEDA: An Architecture for Well-Conditioned, Scalable Internet Services.* M. Welsh, D. Culler, E. Brewer (Berkeley)

## Deadlines

September 10: early registration

September 17: poster submission

October 3: work in progress submission

## Invited talks by

Ross Anderson (Cambridge University)

Barbara Liskov (MIT)

Roger Needham (Microsoft Research)

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