

Safely Executing Code
File and Storage Systems
Probing the Black Box
Scheduling and Resource Allocation
Virtual Machine Monitors
Making Operating Systems More Robust
Revising Old Friends
Overlay and Peer-to-Peer Networks

Upgrading Transport Protocols using Mobile Code. Patel, Whitaker, Wetherall, Lepreau, Stack

Model-Carrying Code: A Practical Approach for Safe Execution of Untrusted Applications. Sekar, Venkatakrishnan, Basu, Bhatkar, DuVarney

GFS: A Fault-Tolerant File System for Large Distributed Applications. Ghemawat, Gobioff, Leung

Preserving Peer Replicas By Rate-Limited Sampled Voting. Maniatis, Roussopoulos, Giuli, Rosenthal, Baker, Muliadi

Decentralized User Authentication in a Global File System. Kaminsky, Savvides, Mazieres, Kaashoek

Performance Debugging for Distributed Systems of Black Boxes. Aguilera, Mogul, Wiener, Reynolds, Muthitacharoen

Transforming Policies into Mechanisms with Infokernel. Arpaci-Dusseau, Arpaci-Dusseau, Burnett, Denehy, Engle, Gunawi, Nugent, Popovici

User-level Internet Path Diagnosis. Mahajan, Spring, Wetherall, Anderson

Samsara: Honor among thieves in peer-to-peer storage. Cox, Noble

SHARP: An Architecture for Secure Resource Peering. Fu, Chase, Chun, Schwab, Vahdat

Stochastic Real-Time Scheduling and Dynamic Voltage Scaling for Low-Power Mobile Multimedia Systems. Yuan, Nahrstedt

Xen and the Art of Virtualization. Dragovic, Fraser, Hand, Harris, Ho, Pratt, Warfield, Barham, Neugebauer

Implementing an Untrusted Operating System on Trusted Hardware. Lie, Thekkath, Horowitz

Terra: A Virtual-Machine Based Platform for Trusted Computing. Garfinkel, Pfaff, Chow, Rosenblum, Boneh

Improving the Reliability of Commodity Operating Systems. Swift, Bershad, Levy

Backtracking Intrusions. Chen, King

RacerX: effective, static detection of race conditions and deadlocks. Engler, Ashcraft

Separating Agreement from Execution for Byzantine Fault Tolerant Services. Yin, Martin, Venkataramani, Alvisi, Dahlin

Capriccio: Scalable Threads for Internet Services. von Behren, Condit, Zhou, Necula, Brewer

Beyond the Tree: High Bandwidth Data Dissemination Using an Overlay Mesh. Kostic, Rodriguez, Albrecht, Vahdat

SplitStream: High-bandwidth content distribution in cooperative environments. Castro, Druschel, Kermarrec, Nandi, Rowstron, Singh

Measurement, Modeling, and Analysis of a Peer-to-Peer File-Sharing Workload. Gummadi, Dunn, Saroiu, Gribble, Levy, Zahorjan

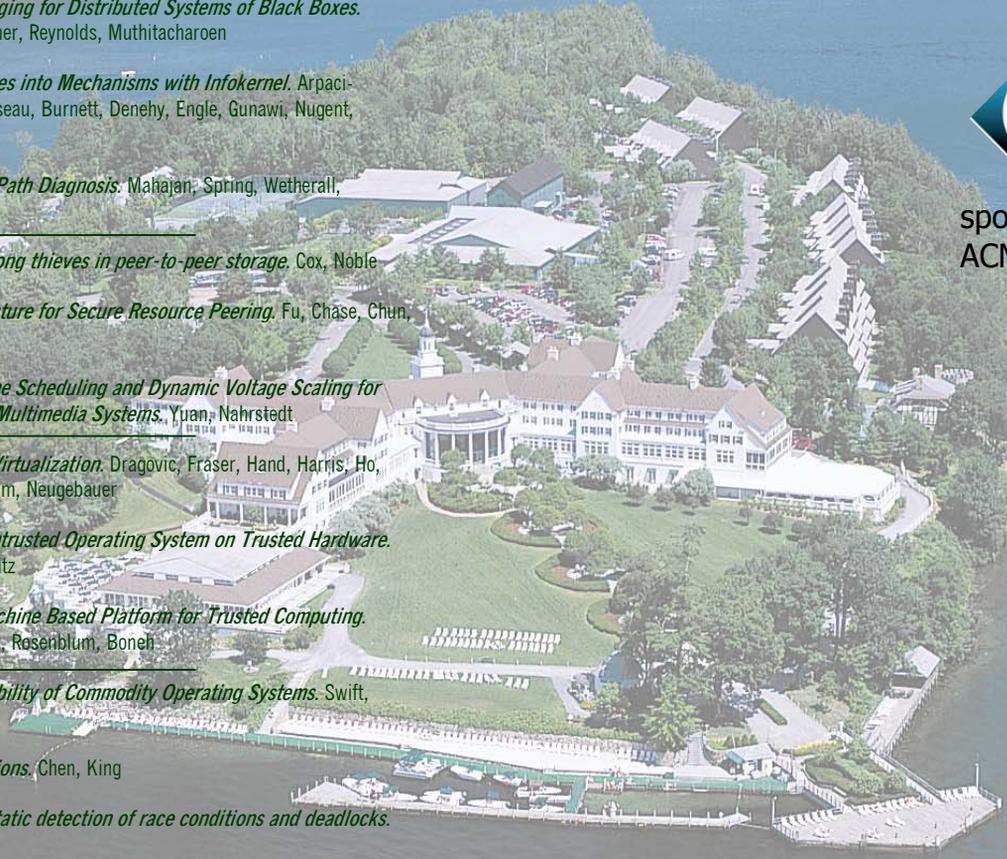
Call for Participation

19th ACM Symposium on Operating Systems Principles

October 19-22, 2003
The Sagamore,
Bolton Landing, New York, USA



sponsored by
ACM SIGOPS



<http://www.cs.rochester.edu/sosp2003/>

Important Dates:
Student Scholarship Applications: Aug 29
Early Registration: Sept 10
Poster and ACM Student Research Competition Submissions Due: Sept 22
Work in Progress Submissions Due: Sept 22

With generous financial support from:

