

2nd USENIX Conference on File and Storage Technologies (FAST '03)

Sponsored by USENIX in cooperation with ACM SIGOPS and IEEE TCOS (pending)

<http://www.usenix.org/events/fast03>

March 31–April 2, 2003

San Francisco, California, USA

Important Dates

Paper submissions due: *September 3, 2002*

Notification of acceptance: *November 1, 2002*

Camera-ready final papers due: *January 6, 2003*

Conference begins: *March 31, 2003*

Conference Organizers

Program Chair

Jeff Chase, *Duke University*

Program Committee

Khalil Amiri, *IBM Research*

Remzi Arpaci-Dusseau, *University of Wisconsin, Madison*

Peter Chen, *University of Michigan*

Peter Corbett, *Network Appliance*

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Greg Ganger, *Carnegie Mellon University*

Peter Honeyman, *CITI, University of Michigan*

Frans Kaashoek, *Massachusetts Institute of Technology*

Darrell Long, *University of California, Santa Cruz*

Erik Riedel, *Seagate Research*

Margo Seltzer, *Harvard University*

Keith A. Smith, *Sun Microsystems*

Chandu Thekkath, *Microsoft Research*

John Wilkes, *Hewlett-Packard Labs*

Steering Committee

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John Wilkes, *Hewlett-Packard Labs*

Ellie Young, *USENIX*

Overview

File and storage systems are the foundation of the Information Age. FAST brings together the top storage systems researchers and practitioners to explore new directions in the design, implementation, evaluation, and uses of storage systems. The conference will consist of two and a half days of technical presentations, including refereed papers, invited talks, work-in-progress and opinion sessions, and an introductory keynote address. This will be the second FAST conference; the first FAST in January 2002 was an exciting and well-attended event, establishing FAST as the premier forum for storage-related research.

Topics

The FAST program committee solicits papers on topics related to file systems and storage systems. We especially encourage papers on novel techniques, architectures, metrics, and methodologies. Topics of interest include but are not limited to:

- ◆ New storage architectures and technologies
- ◆ Storage system reliability, availability, and scalability
- ◆ Storage networking and virtualization
- ◆ Utility storage and grid storage
- ◆ Wide-area storage, peer-to-peer, and disaster recovery
- ◆ Caching, replication, and consistency
- ◆ Storage system security
- ◆ Storage management
- ◆ Storage for databases

- ◆ Mobile storage
- ◆ Benchmarking and evaluation of storage systems
- ◆ Data layout, metadata, and indexing
- ◆ I/O in parallel and distributed system

FAST is a software systems conference, but we welcome papers on the impacts of technology trends or new application demands. The program committee encourages full papers on promising early-stage work as well as papers on mature projects.

Paper Submissions

Submit papers electronically using the form on the conference Web site. Submissions should be full papers of about 4000-6000 words. The maximum submission length is 14 single-spaced 8.5" x 11" pages, including figures, tables, and references, using an 11pt or larger font. Submitted papers should be in PDF format; Postscript or ASCII are acceptable but discouraged. The committee will not review papers that are too short (e.g., extended abstracts), papers that exceed the length limit, Postscript papers with display problems, or papers in other formats such as Word or HTML.

Submissions are due on September 3, 2002. An automatic one-week extension will be granted to midnight PST on September 10, 2002. No further extensions will be granted.

The program committee and external readers will judge papers on technical merit, significance, relevance, and presentation. 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 drawn appropriate conclusions,
- ◆ have clearly described what they have done, and
- ◆ have clearly articulated the advances beyond previous work.

Please read the detailed USENIX author guidelines on the conference Web site for more information: <http://www.usenix.org/publications/cfpguidelines/>

Accepted papers may be shepherded through an editorial review process by a member of the program committee. Authors of shepherded papers will submit an

editorial revision of their paper to the shepherd by December 6, 2002.

The FAST conference, like most conferences and journals, does not allow submissions that are substantially similar to works that are previously published or are under review for publication elsewhere. Accepted material may not be subsequently published in other conferences or journals for one year from the date of acceptance by USENIX. Papers accompanied by non-disclosure agreement forms will not be read or reviewed. All submissions will be held in confidence prior to publication of the technical program, both as a matter of policy and in accordance with the U.S. Copyright Act of 1976.

Best Paper Awards

Awards will be given for the best paper and best student paper at the conference.

Work-in-Progress Reports

Would you like to share a provocative opinion, interesting preliminary work, or a cool idea that will provoke discussion? The FAST technical sessions will include slots for work-in-progress reports and "outrageous" opinion statements. We are particularly interested in presentations of student work. To submit, please send a proposal (one page or less) to the session coordinator (Remzi Arpaci-Dusseau) at fastwips@usenix.org.

Birds-of-a-Feather Sessions

Birds-of-a-Feather sessions (BoFs) are informal gatherings organized by attendees interested in a particular topic. BoFs will be held in the evening. BoFs may be scheduled in advance by emailing the Conference Office at bofs@usenix.org. BoFs may also be scheduled at the conference.

Registration Materials

Complete program and registration information will be available in December 2002 on the conference Web site. The information will be in both HTML and a printable PDF file. If you would like to receive the program booklet in print, please email your request, including your postal address, to: conference@usenix.org.