

5th USENIX Conference on File and Storage Technologies (FAST '07)

USENIX, The Advanced Computing Systems Association, in cooperation with ACM SIGOPS, IEEE Mass Storage Systems Technical Committee (MSSTC), and IEEE TCOS

<http://www.usenix.org/fast07>

February 13–16, 2007

San Jose, CA, USA

Important Dates

Paper submissions due: *September 6, 2006, 9:00 p.m.*

EST (this is a firm deadline; sorry, no extensions)

Notification of acceptance: *November 7, 2006*

Final papers due: *December 19, 2006*

Work-in-Progress Reports/Poster Session proposals due:
January 12, 2007

Conference Organizers

Program Chairs

Andrea C. Arpaci-Dusseau, *University of Wisconsin, Madison*

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

Program Committee

Ashraf Aboulmaga, *University of Waterloo*

Mary Baker, *Hewlett-Packard Labs*

Bill Bolosky, *Microsoft*

Scott Brandt, *University of California, Santa Cruz*

Randal Burns, *Johns Hopkins University*

Mike Dahlin, *University of Texas, Austin*

Jason Flinn, *University of Michigan, Ann Arbor*

Dharmendra Modha, *IBM Almaden*

Erik Riedel, *Seagate*

M. Satyanarayanan, *Carnegie Mellon University*

Jiri Schindler, *EMC*

Margo Seltzer, *Harvard University*

Kai Shen, *University of Rochester*

Anand Sivasubramanian, *Pennsylvania State University*

Muthian Sivathanu, *Google*

Keith Smith, *Network Appliance*

Mike Swift, *University of Wisconsin, Madison*

Amin Vahdat, *University of California, San Diego*

Carl Waldspurger, *VMWare*

Erez Zadok, *Stony Brook University*

Overview

The 5th USENIX Conference on File and Storage Technologies (FAST '07) brings together storage system researchers and practitioners to explore new directions in the design, implementation, evaluation, and deployment of storage systems. The conference will consist of two and a half days of technical presentations, including refereed papers, Work-in-Progress reports, and a poster session.

Topics

Topics of interest include but are not limited to:

- ◆ Archival storage systems
- ◆ Caching, replication, and consistency
- ◆ Database storage issues
- ◆ Distributed I/O (wide-area, grid, peer-to-peer)
- ◆ Empirical evaluation of storage systems
- ◆ Experience with deployed systems
- ◆ Mobile storage technology
- ◆ Parallel I/O
- ◆ Performance
- ◆ Manageability
- ◆ Reliability, availability, disaster tolerance
- ◆ Security
- ◆ Scalability
- ◆ Storage networking
- ◆ Virtualization

Deadline and Submission Instructions

Submissions will be done electronically via a Web form, which will be available on the FAST '07 Call for Papers Web site, <http://www.usenix.org/fast07/cfp>. The Web form asks for contact information for the paper and allows for the submission of your full paper file in PDF format.

Submissions must be full papers (no extended abstracts) and must be no longer than thirteen (13) pages plus as many additional pages as are needed for

references (e.g., your paper can be 16 total pages, as long as the last three or more are the bibliography). Your paper should be typeset in two-column format in 10 point type on 12 point (single-spaced) leading, with the text block being no more than 6.5" wide by 9" deep.

Authors must not be identified in the submissions, either explicitly or by implication (e.g., through the references or acknowledgments). Blind reviewing of full papers will be done by the program committee, assisted by outside referees. Conditionally accepted papers will be shepherded through an editorial review process by a member of the program committee.

Simultaneous submission of the same work to multiple venues, submission of previously published work, and plagiarism constitute dishonesty or fraud. USENIX, like other scientific and technical conferences and journals, prohibits these practices and may, on the recommendation of a program chair, take action against authors who have committed them. In some cases, program committees may share information about submitted papers with other conference chairs and journal editors to ensure the integrity of papers under consideration. If a violation of these principles is found, sanctions may include, but are not limited to, barring the authors from submitting to or participating in USENIX conferences for a set period, contacting the authors' institutions, and publicizing the details of the case.

Authors uncertain whether their submission meets USENIX's guidelines should contact the program chairs, fast07chairs@usenix.org, or the USENIX office, submissionspolicy@usenix.org.

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 nondisclosure agreement forms will not be read or reviewed. All submissions will be held in confidence prior to publication of the technical pro-

gram, both as a matter of policy and in accordance with the U.S. Copyright Act of 1976.

Submissions violating these rules or the formatting guidelines will not be considered for publication.

One author per paper will receive a registration discount of \$200. USENIX will offer a complimentary registration upon request.

Best Paper Awards

Awards will be given for the best paper(s) at the conference.

Work-in-Progress Reports and Poster Session

The FAST technical sessions will include slots for Work-in-Progress reports, preliminary results, "outrageous" opinion statements, and a poster session. We are particularly interested in presentations of student work. Please see the Call for Papers Web site, <http://www.usenix.org/fast07/cfp>, for details.

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 Department at bofs@usenix.org. BoFs may also be scheduled at the conference.

Registration Materials

Complete program and registration information will be available in November 2006 on the conference Web site. The information will be in both HTML and a printable PDF file. If you would like to receive the latest USENIX conference information, please join our mailing list: <http://www.usenix.org/about/ mailing.html>.