

# 8th USENIX Conference on File and Storage Technologies (FAST '10)

Sponsored by USENIX in cooperation with ACM SIGOPS

<http://www.usenix.org/fast10>

February 23–26, 2010

San Jose, CA

## Important Dates

Paper submissions deadline: *September 10, 2009, 11:59 p.m. EDT*

Notification of acceptance: *November 6, 2009*

Final papers due: *January 6, 2010*

Work-in-Progress Reports/Poster Session proposals due: *January 29, 2010*

## Conference Organizers

### Program Co-Chairs

Randal Burns, *Johns Hopkins University*

Kimberly Keeton, *Hewlett-Packard Labs*

### Program Committee

Patrick Eaton, *EMC*

Jason Flinn, *University of Michigan*

Gary Grider, *Los Alamos National Lab*

Ajay Gulati, *VMware*

Sudhanva Gurumurthi, *University of Virginia*

Dushyanth Narayanan, *Microsoft Research*

Jason Nieh, *Columbia University*

Christopher Olston, *Yahoo! Research*

Hugo Patterson, *Data Domain*

Beth Plale, *Indiana University*

James Plank, *University of Tennessee*

Erik Riedel, *EMC*

Alma Riska, *Seagate*

Steve Schlosser, *Avere Systems*

Bianca Schroeder, *University of Toronto*

Karsten Schwan, *Georgia Institute of Technology*

Craig Soules, *Hewlett-Packard Labs*

Alan Sussman, *University of Maryland*

Kaladhar Voruganti, *NetApp*

Hakim Weatherspoon, *Cornell University*

Brent Welch, *Panasas*

Ric Wheeler, *Red Hat*

YuanYuan Zhou, *University of California, San Diego*

### Tutorial Chair

David Pease, *IBM Almaden Research Center*

### Steering Committee

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

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

Mary Baker, *Hewlett-Packard Labs*

Greg Ganger, *Carnegie Mellon University*

Garth Gibson, *Carnegie Mellon University and Panasas*

Peter Honeyman, *CITI, University of Michigan, Ann Arbor*

Darrell Long, *University of California, Santa Cruz*

Jai Menon, *IBM Research*

Erik Riedel, *EMC*

Margo Seltzer, *Harvard University*

Chandu Thekkath, *Microsoft Research*

Ric Wheeler, *Red Hat*

John Wilkes, *Google*

Ellie Young, *USENIX Association*

## Overview

The 8th USENIX Conference on File and Storage Technologies (FAST '10) 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
- Auditability and provenance
- Caching, replication, and consistency
- Cloud storage
- Data-intensive applications
- Database storage
- Designs with solid state devices
- Distributed I/O (wide-area, grid, peer-to-peer)
- Empirical evaluation of storage systems
- Experience with deployed systems
- File system design
- Mobile and personal storage
- Parallel I/O
- Power-aware storage architectures
- Reliability, availability, and disaster tolerance
- Search and data retrieval
- Storage management
- Storage networking
- Storage security
- Virtualization
- Web 2.0 storage infrastructure

## Deadline and Submission Instructions

Submissions must be made electronically via a Web form, which will be available soon at <http://www.usenix.org/events/fast10/cfp/>. The Web form asks for contact information for the paper and allows for the submission of your full paper file in PDF format. **Please do not email submissions.**

Submissions must be full papers (no extended abstracts) and must be no longer than twelve (12) pages, excluding references. 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. Submissions longer than this will not be reviewed.

All submissions must be readable in black and white. Please take care not to produce graphs or charts in color.

Authors must not be identified in the submissions, either explicitly or by implication (e.g., through the references or acknowledg-

ments). Blind reviewing of full papers will be done by the program committee, assisted by outside referees. 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, or plagiarism constitutes 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 Co-Chairs, [fast10chairs@usenix.org](mailto:fast10chairs@usenix.org), or the USENIX office, [submissionspolicy@usenix.org](mailto:submissionspolicy@usenix.org).

Papers accompanied by nondisclosure agreement forms will not be considered. Accepted submissions will be treated as confidential prior to publication on the USENIX Web site; rejected submissions will be permanently treated as confidential.

All papers will be available online to registered attendees prior to the conference and will be available online to everyone starting on February 24, 2010.

If your accepted paper should **not** be published prior to the event, please notify [production@usenix.org](mailto:production@usenix.org).

If the conference registration will pose a hardship for the presenter of the accepted paper, please contact [conference@usenix.org](mailto:conference@usenix.org).

### **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 presenting preliminary results and "outrageous" opinion statements and for a poster session. We are particularly interested in presentations of student work. Please send WiP submissions to [fast10wips@usenix.org](mailto:fast10wips@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 USENIX Conference Department at [bofs@usenix.org](mailto:bofs@usenix.org). BoFs may also be scheduled at the conference.

### **Tutorial Sessions**

Tutorial sessions will be held before the main conference. Please send tutorial proposals to [fasttutorials@usenix.org](mailto:fasttutorials@usenix.org).

### **Registration Materials**

Complete program and registration information will be available in November 2009 at <http://www.usenix.org/fast10/>. If you would like to receive the latest USENIX conference information, please join our mailing list at <http://www.usenix.org/about/ mailing.html>.