

Announcement and Call for Papers

<http://research.microsoft.com/~etheres/HotStorage/>

Workshop on Hot Topics in Storage and File Systems (HotStorage'09)

HotStorage will be held in conjunction with SOSP'09 on Sunday October 11th, 2009 in Big Sky Resort Big Sky, MT.

Important dates (tentative)

Paper submission: June 15th 2009

Notification: July 21st 2009

Camera ready due: August 30th 2009

Workshop date: October 11th, 2009

Workshop organizers

PC chair

Erik Riedel, Seagate Research, Pittsburgh

Program committee

Richard Golding, IBM Research, Almaden

Kim Keeton, HP Labs, Palo Alto

Ethan Miller, UCSC, Santa Cruz

Dushyanth Narayanan*, MSR Cambridge, UK

Brian Noble, University of Michigan, Ann Arbor

Jiri Schindler, NetApp, Boston

Steve Schlosser, Intel Research, Pittsburgh

Eno Thereska*, MSR Cambridge, UK

Andrew Warfield, University of British Columbia

Abstract

The workshop will bring together researchers interested in all aspects of file and storage systems design. The increasing volume and variety of digital data, the emergence of new technologies such as solid-state storage, and the need for storage in new environments ranging from mobile devices to mega-scale data centers, make this area both important and challenging.

Overview

We expect submissions to advocate fresh, non-traditional approaches to advancing the state of the art in file and storage systems design. Ideas presented in the workshop are expected to eventually lead to papers in top-tier conferences in the field, such as FAST, OSDI, or SOSP. Topics of interest include, but are not limited to, new ideas in:

- Storage at home
- Search and data retrieval
- Storage management
- Storage security
- Mobile storage
- Cloud storage
- Cluster and data center storage architectures
- Storage for sensor networks
- Storage for embedded systems
- Solid-state storage
- Archival storage

Submission and logistics

The workshop will last for one day, which will include presentation of accepted papers as well as a panel discussion. Paper submissions are limited to 5 pages and should include author names and affiliations (i.e., single-blind). The papers should have the same style as SOSP submissions, and adhere to identical policies on copyright, plagiarism and multiple-venue submissions as SOSP. Each accepted paper will be assigned a shepherd who will condense the paper's reviews into a single public review. Accepted papers and their public reviews will be made available online. Interesting comments during the presentations and panel discussion will be captured using an online blog.

* Please contact general chairs

{dnarayan,etheres}@microsoft.com with any questions.