

SSRC 3RD ANNUAL RESEARCH REVIEW MEETING

Agenda

Thursday, May 26th

8:00 – 9:00am	Registration/ Continental Breakfast
9:00 – 9:45am	Welcome Darrell Long, Steve Kang, Denice Denton, Kumar Malavalli
9:45 – 10:15am	Keynote Gary Grider: <i>Data storage needs at NationalLabs</i>
10:15 – 10:30am	Break
10:30 – 12:00pm	Session 1 Object-Based Storage Devices Feng Wang: <i>Underlying Storage Support for Large Object-Based Storage Systems</i> Qin Xin: <i>Impact of Failure on Interconnection Networks for Large Storage Systems</i> Chirstopher Olson: <i>Security in Object Based File Systems</i> Sage Weil: <i>Distributed Dynamic Metadata Management for Object-based File Systems</i>
12:00 – 1:30pm	Lunch
1:30 – 2:00pm	Keynote Gerald Barnett: <i>Intellectual Property</i>
2:00 – 3:30pm	Session 2 Affiliates Ken Pedrotti: <i>DVD System Modeling for Next Generation Blue-Laser Based Optical Data Storage</i> Ahmed Amer: <i>Hard Data</i> Jehan Francois Paris: <i>Making Early Predictions of File Accesses</i> Thomas Schwarz: <i>Remote Highly Available Memory Data Structures</i> Ismail Ari:
3:30 – 4:00pm	Break
4:00 – 4:45pm	Session 3 Archival Storage & Storage Management Kristal Pollack: <i>The Deep Store Archival Storage System Architecture</i> David Pease: <i>Enabling Application-Based Data Management</i>
4:45 – 5:30pm	Session 4 Workload Rosie Wacha: <i>Synthetic Parallel Application Generation for File System Testing</i> Jeff Rybczynski: <i>Active Workload Reshaping to Maximize Energy Conservation</i>
5:30 – 7:30pm	Posters Session & BBQ Dinner

Friday, May 27th

8:00 – 8:30am	Continental Breakfast
8:30 – 9:00am	Keynote Raymie Stata: <i>Data storage needs at Yahoo!</i>
9:00 – 10:00am	Session 5a Storage Class Memories Carlos Maltzahn: <i>Introduction to Non-Volatile Memory Systems Sessions</i> Bo Hong: <i>Using MEMS-Based Storage in Computer Systems</i> Sasha Ames: <i>LiFS: Design and Implementation of the Linking File System</i>
10:00 – 10:30am	Break
10:30 – 11:30am	Session 5b Storage Class Memories Nikhil Bobb: <i>LiFS: Applications of Links, Attributes, and File Triggers</i> Timothy Bisson: <i>Aiding disk spin-down algorithms with Flash</i> Deepavali Bhagwat: <i>Eureka and LiFS</i>
11:30 – 12:15pm	Session 6 Real Time Joel Wu: <i>Hierarchical Disk Sharing for Multimedia Systems</i> Caixue Lin: <i>SLASH Improving Soft Real-Time Performance Using Better Slack Reclaiming</i>
12:15 – 1:45pm	Lunch
1:45 – 3:30pm	Industry Panel/ Feedback