



# The International Conference for High Performance Computing, Networking, Storage and Analysis Portland, Oregon, November 14-20, 2009



## ***petascale data storage workshop call for papers & posters***

***Sunday, November 15, 2009  
9:00am - 5:30pm***

***Held in conjunction with SC09 and sponsored by  
the DOE SciDAC Petascale Data Storage Institute (PDSI)***

### **Workshop Abstract:**

Petascale computing infrastructures make petascale demands on information storage capacity, performance, concurrency, reliability, availability, and manageability. This one-day workshop focuses on the data storage problems and emerging solutions found in petascale scientific computing environments, with special attention to issues in which community collaboration can be crucial, problem identification, workload capture, solution interoperability, standards with community buy-in, and shared tools. This workshop seeks contributions on relevant topics, including but not limited to: performance and benchmarking results and tools, failure tolerance problems and solutions, APIs for high performance features, parallel file systems, high bandwidth storage architectures, wide area file systems, metadata intensive workloads, autonomies for HPC storage, virtualization for storage systems, data-intensive and cloud storage, archival storage advances, resource management innovations, etc.

### **Paper Submission Website: <http://www.pdsi-scidac.org/events/PDSW09/>**

Paper (extended abstract in pdf format) due Friday Sept. 18, 2009, 11:59 p.m. EDT

Notification: Monday Oct. 12, 2009

Camera-ready due Monday Nov. 9, 2009

Slides due Friday Nov. 13, 2009 BEFORE the workshop

### **Paper Submission Details:**

The petascale data storage workshop holds a peer reviewed competitive process for selecting extended abstracts and short papers. Submit a not previously published extended abstract of up to 5 pages, not less than 10 point font, in a PDF file as instructed on the workshop web site. Submitted papers will be reviewed under the supervision of the workshop program committee. Submissions should indicate authors and affiliations. Selected papers and associated talks will be made available on the workshop web site. The workshop proceedings will be published in association with SC09 in the ACM digital library and talk slides will be made available on the workshop web site.

### **Poster Presentations:**

There will also be a poster presentation opportunity at the workshop. Parties interested in presenting a related technical poster should register their intentions, including a title and author list, through the above web site no later than November 9, 2009. Further specifications for poster production will be available on the workshop web site.

### **Committee:**

Garth A. Gibson, Carnegie Mellon University and Panasas Inc.

Darrell Long, University of California, Santa Cruz

Peter Honeyman, University of Michigan, Ann Arbor, Center for Information Technology Integration

Gary A. Grider, Los Alamos National Laboratory

John Shalf, National Energy Research Scientific Computing Center, Lawrence Berkeley National Laboratory

Philip C. Roth, Oak Ridge National Laboratory

Evan J. Felix, Pacific Northwest National Laboratory

Lee Ward, Sandia National Laboratory

Rob Ross, Argonne National Laboratory

Karsten Schwan, Georgia Institute of Technology

William T. C. Kramer, National Center for Supercomputing Applications



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