



# The International Conference for High Performance Computing, Networking, Storage and Analysis Seattle, WA, November 12 - 18, 2011

## **6th parallel data storage workshop (PDSW11) call for papers & posters**

**Sunday, November 13, 2011  
9:00am - 5:30pm**

**Held in conjunction with SC11**

**Chair: John Bent,  
Los Alamos National Laboratory**

### **Workshop Abstract:**

Computational scientists are no longer satisfied with petascale infrastructures. Their demands for finer and finer spatial and temporal resolutions are driving parallel storage systems to larger and larger scales of parallelism and concurrency. This scale creates new problems and exacerbates old ones in areas such as storage capacity, performance, concurrency, data retrieval, reliability, availability, and manageability. Additionally, new technologies such as cloud storage are encouraging scientists to preserve more old data and to expand their analyses to include data from a wider range of previous computations. Paying special attention to issues in which community collaboration can be crucial such as problem identification, workload capture, solution interoperability, standards with community buy-in, and shared tools, this one-day workshop seeks contributions in the form of papers and posters on relevant topics, including but not limited to:

- performance and benchmarking results and tools,
- failure tolerance,
- APIs and protocols for high performance features,
- parallel file systems,
- high bandwidth storage architectures,
- wide area file systems,
- metadata intensive workloads,
- information extraction,
- autonomies for HPC storage,
- checkpoint/restart,
- virtualization for storage systems,
- archival storage advances, and
- resource management innovations.

### **Paper Submissions: <http://www2.pdl.cmu.edu/conferences/pdsw11/index>**

Paper (extended abstract in pdf format) due Fri Sept. 16, 2011, 11:59 p.m. PDT

Notification: Tues Oct. 11, 2011

Camera ready due: Sun Nov. 6, 2011

Softcopy and slides due: Fri Nov. 11, 2011 BEFORE the workshop

### **Paper Submission Details:**

The Parallel 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. Final papers must not be longer than 5 pages. Selected papers and associated talk slides will be made available on the workshop web site; the papers will also be published in the digital library of the IEEE or ACM.

### **Poster Submissions: <http://www2.pdl.cmu.edu/conferences/pdsw11poster/index>**

There will also be a poster session at the workshop; accepted papers ALWAYS be accepted for a poster. Others interested in presenting a related technical poster (posters with technical results for storage products are also encouraged) should submit a short poster abstract through the above web site no later than Monday, November 7, 2011. Poster acceptance will be communicated on or before November 9, 2011.



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