

26th IEEE (MSST2010) Symposium on Massive Storage Systems and Technologies

Hyatt Regency at Lake Tahoe
Incline Village, Nevada

Monday, May 3, 2010

6:00 pm – 8:00 pm. Welcome Reception

Tuesday, May 4, 2010

8:45 am – 10:00 am. Welcome and Keynote, Chair: Ben Kobler

Bill Kramer, NCSA, *Keynote: The Crisis in Massive Storage*

10:00 am – 10:30 am. Coffee Break

10:30 am – 12:00 noon. Science Driven Data Management, Chair: Jamie Shiers

Steve DelGreco, NCDC, *Weather Radar Data Services at NOAA's National Climatic Data Center*

Brian Bockelman, LHC, *Worldwide Production Distributed Data Management at the LHC*

Jeff Kantor, Arun Jagatheesan, LSST, *Storage Challenges for LSST: When Science is Bigger than your Hardware*

12:00 - 1:30 pm. Lunch

1:30 – 3:00 pm. PANEL: National Scale Infrastructure Development, Chair: Reagan Moore

Jamie Shiers, CERN, *EU Data Management Initiative*

Chris Jordan, University of California, *TeraGrid Data Infrastructure*

Constantin Scheder, General Atomics, *US DoD HPC data grid*

3:00 pm – 3:30 pm. Coffee Break

3:30 pm – 5:00 pm. PANEL: Data Management Challenges, Chairs: Reagan Moore, Jamie Shiers

Brent Welch, Panasas, *Building a Robust Platform for Large Scale Distributed File Systems*

Michelle Butler, NCSA, *The BlueWater's FileSystem/Archival System at NCSA*

Mike Norman, SDSC, *Data-Intensive Solutions at SDSC*

David Giaretta, STFC, *Trusted Repository Certification – Challenges of Scale*

Galen Shipman, Oak Ridge National Laboratory, *Facilitating a Data-Rich Computational Environment at the OLCF*

6:00 pm – 8:00 pm. Vendor Reception

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Wednesday, May 5, 2010

8:30 am – 10:00 am. Exascale Data, Chair: Mark Gary

Robert Eicholz, EFilm, *Massive Data Storage in the New Hollywood*

Mark Seager, LLNL, *Simulation Driven I/O and the Exascale - an LLNL perspective*

Vladimir Bahyl, CERN, *CERN data archive: Operational Challenges while going to Exa-Scale*

10:00 am – 10:30 am. Coffee Break

10:30 am – 12:00 noon. Cloud Storage and Standards, Chair: Dan Duffy

Joshua McKenty, NASA/Ames, *Storage Challenges in NASA's Nebula Cloud Computing Platform*

Matt Arrott, UCSD, *Ocean Observatories Initiative*

Don Post, IMERGE Consulting, *Long Term Information Retention Format SNIA LTR TWG*

12:00 - 1:30 pm. Lunch

1:30 – 3:00 pm. PANEL: Emerging technologies, Chair: Jim Finlayson

Roger Haskin, IBM, *Cluster File Systems*

Sorin Faibish, EMC, *Application Aware Intelligent Storage*

Jay Wylie, HP, *Scalable, highly-available global storage*

3:00 pm – 3:30 pm. Coffee Break

3:30 pm – 5:00 pm. Extemporaneous Talks, Chairs: Sam Coleman, Jamie Shiers

A forum for short presentations of thoughts and ideas focused on this year's theme: *"The Crisis in Massive Storage - Solutions or Calamities?"*

Presenters will sign up for speaking slots during the symposium

6:00 pm – 8:00 pm. Dinner

Presentation of the 2010 IEEE Reynold B. Johnson Information Storage Systems Award