HPC Resiliency Summit 2009

General Chairs:
Stephen L. Scott
Chokchai (Box) Leangsuksun

Los Alamos Computer Science Symposium
October 14, 2009
Santa Fe, New Mexico

History

- High Availability and Performance Computing Workshop (HAPCW)
  - 2003 – 2006 held with LACSI
  - 2007 no LACSI, no HAPCW
  - 2008 April
    - Held in conjunction with High-Performance Computer Science Week
  - http://xcr.cenit.latech.edu/hapcw**YEAR**

History

- Resilience Summit 2009
  - Held with LACSS

History

- Workshop on Resiliency in High-Performance Computing
  - 2008 May
    - Held in conjunction with CCGRID 2008
  - 2009 June
    - Held in conjunction with HPDC 2009
  - http://xcr.cenit.latech.edu/resilienceYEAR

Purpose

- Why are we here & what do we want to get out of the workshop?
  - Create awareness of both problems and solutions
  - Opportunity to interact with others interested in resilience issues
    - Community expansion
  - Inspire community to...
    - Collaborate on solutions
    - Attract attention to the issues
    - Attract funding opportunities

Upcoming Events

- Resilience 2010
  - Held in conjunction with CCGrid 2010
  - May - Australia
- 1st International Workshop on Fault-Tolerance for HPC at Extreme Scale
  - Held in conjunction with DSN 2010
  - June - Chicago

Thanks

- **Program chair:**
  - **Christian Engelmann**, Oak Ridge National Laboratory

- **Program Committee:**
  - **Greg Bronevetsky**, Lawrence Livermore National Laboratory
  - **Franck Cappello**, UIUC-INRIA Joint Laboratory on PetaScale Computing
  - **Nathan Debardeleben**, Los Alamos National Laboratory
  - **Ann Gentile**, Sandia National Laboratories
  - **Frank Mueller**, North Carolina State University
  - **Jon Stearley**, Sandia National Laboratories
  - **Geoffroy Vallee**, Oak Ridge National Laboratory