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\textcolor{red}{\text{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/resilience

YEAR
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