

SLAC Site Report

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HEPIX Spring 2007

SLAC Activities

- BaBar
- Kavli Institute
- GLAST
- LCLS
- ILC Design
- ATLAS



LCLS Computing?

- "Nothing Significant"
- "A few PB per year"
- "90 PB and 40,000 cores"

KIPAC IB Cluster

- 90 Node Infiniband Cluster
- 360 AMD Cores, 1.4TB memory
- Lustre file server
 - 6 storage nodes
 - Design point: 1 GB/Sec checkpoints

Computer Room Strains

- Current Rooms are out of Power, Cooling
- New farm in a Black Box
- Row of water-cooled racks under construction
- Outposts in labs, on Campus
- Studying options for expansion

Black Box



Other Acquisitions

- Sun/StorageTek SL8500
- Sun Thumpers (X4500) ZFS, Solaris x64

Other SLAC News

- Director search
- CIO
- retirements

Open AFS Workshop

- Annual OpenAFS Best Practices Workshop
- AFS and Kerberos Tutorials
- SLAC, May 7-11
- <http://www.pmw.org/afsbpw07/>