OHEP Scientific Computing Review Agenda

Preparing the agenda for the SLAC portion of the review.

What	Who	Duration	Start	Stop
Introduction	David (current draft, submitted pdf)	10'	13:00	13:10
Operations and Cost Model	Randy (current draft, submitted pdf)	15'		
Scientific Computing Opportunities and Goals (*)	Richard (current draft, submitted pdf)	45'		
GEANT4	Makoto (current draft, submitted pdf)	15'		
cosmology initiative	Risa (submitted pdf)	20'		
Budget and Support Model	David	15'	14:40	15:00
		120'		

(*) includes the items marked (1) in the First Crack agenda.

Powerpoint template for talks

Talk Outlines

Opportunities and Goals (45 mins):

- Current activities: accel based
  - BABAR (2 slides) - archive facility draft input
  - ATLAS T2 (1) draft input
  - Accelerator modeling (3) 1st draft input
  - HEP Theory (2) draft input
- xrootd (1) draft input
- Current activities: non-accel
  - Fermi (3)
  - EXO (1)
  - CDMS (1)
  - KIPAC astro support (1) draft input
- SCA DH (4) draft input
- LCSim (3) draft input
- Future Activities (new)
  - DES, LSST (2)
  - HPS, SCDMS, CTA (1)
- XLDB (1) 1st draft input

First Crack at Agenda (now superseded)

What	Who	Duration	Start	Stop
Introduction	David	5	13:00	13:10
Hardware Facilities	Randy /Don	10		
Operating Expts: BABAR, Fermi, ATLAS, EXO, CDMS, KIPAC(1)		10		
Planned Expts: Dark Photon, SuperB, DES, LSST, CTA(1)		10		
SCA tools: EXO-200, SuperCDMS, xrootd; SciDB/XLDB(1)		15		
GEANT4		10		
LCSim(1)		10		
Theory: HEP(1) + cosmology initiative		15		
Accelerator modelling(1)		10		
Funding Scientific Computing Labwide		10		
Summary: Coherent vision for the future & what would be funded by a dedicated computing budget line, Budget and Conclusion	David	15	14:45	15:00
		120		

Areas we would like traction on from the review:

- SCA funding model and manpower

- G4 funding level and directions
- cosmology initiative approval
- LCSim future

SLAC is assigned two hours. We can try to justify asking for more if needed (**first attempt rebuffed!**). Considerations from the charge:

- cosmology computing
- accelerator simulation
- budget for PPA
- hardware install at lab
- recharge model
- intro (David plans to do intro and budget; budget talk last)
- LCSim
- theory stuff? generators? Blackhat?
- G4, xrootd as pan-Lab tools
- XLDB
- SCA tools
- effort distributed in collaborations (how to describe this?)
- ATLAS T2
- BABAR archival analysis system
- anything on LSST?
- planning for DES & CTA
- KIPAC computing
- FreeHEP, Wired: Funding?