February 6, 2013

Re: Wednesday February 13: Open Meeting of HEPAP Facilities Subpanel

Dear members of the HEP community,

On Wednesday February 13th an open meeting will be held of the HEPAP Facilities Subpanel charged to evaluate the scientific importance and construction readiness of major HEP facilities for the next ten years. Projects to be evaluated have been invited to make very brief presentations and to respond to subpanel questions. The meeting will be held at Fermilab starting at 9:00 am. It will be accessible by remote teleconferencing connections, but not video. Members of the community are welcome to attend, and are invited to register (for planning purposes) at the agenda page https://indico.fnal.gov/conferenceDisplay.py?ovw=True&confId=6381 .

Background:

The DOE Office of Science has charged all of its Federal Advisory Committees to help with prioritization of proposed facilities. The specific advice sought is: (1) the ability of the facility to contribute to world-leading science in the next decade (2014-2024), and (2) the readiness of the facility for construction. In a letter to the community last week, Fleming Crim (NSF) and Jim Siegrist (DOE) have explained the relation between this exercise and the DPF-led community planning (Snowmass) process and subsequent program prioritization (P5) process.

As HEPAP Chair I have formed a subpanel to perform the assessment and to report to HEPAP at its March 2013 meeting. The subpanel membership is:

Andy Lankford, UC Irvine (chair)
Sally Dawson, BNL
Peter Fisher, MIT
Joshua Frieman, Chicago/Fermilab
Stuart Henderson, Fermilab
Norbert Holtkamp, SLAC
Mark Messier, Indiana U.
Ritchie Patterson, Cornell
Regina Rameika, Fermilab
Marjorie Shapiro, UC Berkeley/LBNL
Robert Tschirhart, Fermilab
Andrew White, U. Texas, Arlington
Mark Wise, Caltech

The subpanel will assess facilities (projects) with total cost >100M$ with a 10-year time horizon. The following list of projects to be considered was provided by the Office of High Energy Physics:

- Hi Lum LHC Accelerator
- Hi Lum LHC detectors - ATLAS
- Hi Lum LHC detectors - CMS
- Higgs Factory
- ILC (hosted in Japan) Accelerator
- ILC (hosted in Japan) ILC Detectors
- Mu2e
- LBNE
- Project X Accelerator
- Project X Detectors
- Nu Storm
- LSST
- G3 Dark Matter
- Next Generation Dark Energy

The subpanel may add to the list.

Your input to the subpanel is welcome. Please address input to Andrew.Lankford@uci.edu , with subject “HEP Facilities”.

Best regards,

Andrew J. Lankford
Professor, University of California, Irvine
Chair, High Energy Physics Advisory Panel