

2020 DOE oHEP Committee of Visitors

Director of DOE Office of Science, Chris Fall, charged HEPAP in Feb 2020 to form a COV to review the management processes and outcomes of the HEP Research and Technology Division, covering the fiscal years 2016-2019. The review was conducted in accordance with the Guidance for DOE Office of Science COV Reviews, issued in 2009.

Prof. Ritchie Patterson (Cornell University) kindly agreed to serve as chair of the COV. The review was conducted virtually during a series of dates in Oct through Nov with the virtual format providing both advantages and disadvantages.

I would like to take this opportunity to thank Ritchie for chairing this very important task, as well as the committee for their time and hard work. The committee worked tirelessly and produced a quality report.



Department of Energy
Office of Science
Washington, DC 20585

February 21, 2020

Office of the Director

Dr. JoAnne Hewett
Chief Research Officer
SLAC National Accelerator Laboratory
2575 Sand Hill Road
Menlo Park, CA 94025

Dear Dr. Hewett:

This letter requests that the High Energy Physics Advisory Panel (HEPAP) assemble a Committee of Visitors (COV) to review the management processes and outcomes of the High Energy Physics (HEP) Research and Technology Division in the Department of Energy (DOE) Office of Science. This review of HEP practices should be conducted in accordance with the Guidance for DOE Office of Science Committee of Visitors Reviews, issued by the Deputy Director for Science Programs May 1, 2009, a copy of which is included with this letter.

The COV subcommittee should be charged by HEPAP to assess the operations of HEP Research and Technology Division during the fiscal years 2016, 2017, 2018, and 2019. As noted in the Guidance, the core COV charge components are to:

Assess the efficacy and quality of the processes used during the past four years to solicit, review, recommend, and document application and proposal actions, and to monitor active awards, projects and programs.

Within the boundaries defined by DOE mission and available funding, comment on how the award process has affected the quality of the portfolio elements and the resulting portfolio as a whole, including breadth and depth as well as the national and international standing of the portfolio.

Additional specific subjects that this COV should address are:

- The 2014 Particle Physics Project Prioritization Panel (P5) report recommended new long-term goals and priorities for the national HEP program. The COV should comment on the effectiveness of DOE implementation of these recommendations and whether priorities are being reasonably maintained.
- Assess progress in addressing the recommendations of the previous (2016) COV.
- Identify any significant issues that the COV is not able to appropriately consider within the limited timespan of this review but deserve subsequent consideration.

2020 DOE HEP Committee of Visitors: Process

The COV process (Recall the COV is a HEPAP cmtte):

- HEPAP receives the charge from SC
- HEPAP chair appoints a COV chair and sends charge to conduct the review
- COV does its work
- ★ • COV presents the report to HEPAP
- HEPAP discussion of the report and vote on approval
- Once approved, report is transmitted to DOE
- HEP will provide written response
- COV report and HEP response presented to SC Director
- COV report and HEP response posted to HEPAP website