

Fermilab Accelerator Advisory Committee Meeting

Charge

February 6-8, 2013

The Fermilab Accelerator Advisory Committee is asked to assess and provide advice on the following topics:

1. **The plans for ASTA.** DOE/HEP directed Fermilab to suspend activities associated with the build-out of ASTA, and to submit a Proposal for its completion and subsequent operation as a user facility for accelerator R&D. Is the Proposal well-formulated? Is the Science Case strong and are there ways that it can be strengthened?
2. **The plans for Fermilab's Accelerator Complex in the near-term.** Are the plans for doubling the Main Injector beam power technically sound and achievable? Are the plans for doubling the throughput from the Booster technically sound and achievable? Are the accelerator modifications and upgrades for the muon program technically sound and achievable?
3. **The progress and plans for Project-X and its R&D program.** Are the plans well-formulated? Are the right issues being emphasized? Does the proposed R&D program address the most urgent technical issues?
4. **The progress and plans for the Technology Development programs.** Are the plans for SRF and superconducting magnet development well-formulated and is adequate progress being made? Are the right issues receiving the required attention? Are they adequately supporting the HEP community's plans?
5. **The progress and plans for Fermilab's Accelerator R&D program.** Is the Muon Accelerator Program properly focused and making adequate progress?