SCDF Stakeholders and Users Technical Meeting

Sep. 18, 2025

BNL-Wide Computing Facility

- The SCDF was encouraged by BNL management to submit a proposal for an institutional cluster for FY26 – a replacement for the recent institutional cluster (IC gen1 in 2016-2022), which we are naming the BNL-Wide Computing Facility (BWCF)
  - If funded, the BWCF will live up to its "institutional" name and address the needs of BNL users, groups and activities without dedicated resources.
- In May/June, I sent a questionnaire and solicited input from staff and stakeholders
  - Initial feedback showed a preference for a mix of cpu and cpu+gpu with IB inter-connect.
  - A proposal (outside of the PD process, but consistent with initial feedback) was submitted to BNL management in late August.
  - Multi-year deployment of 5 racks of equipment (3 racks of cpu's, 1 rack of cpu's+gpu's and 1 rack of disk storage) with corresponding staff support.
- Currently awaiting feedback from BNL management.
  - Will seek additional feedback from users and stakeholders before starting a potential procurement process.
  - Can discuss models for growing the BWCF if and when baseline proposal is approved.