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PO25 - Dependency Tracking Tools for Outage Planning

Tuesday, 12 September 2023 15:10 (20 minutes)

SLAC now operates four large particle accelerators (LCLS, LCLS-II, FACET-II, and SPEAR3). These four machines are somewhat independent, but share some infrastructure (water cooling systems, electrical power distribution, networking, etc). As the user availability demands increase for these accelerators, planning outages for preventative maintenance and upgrades becomes quite challenging. In the Accelerator Operations and Safety Division, we are developing a database-driven tool to track the complex network of dependencies and assist with outage planning.

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Session Classification: Poster / Demo Sessions