

Geodetic and Alignment Aspects for Proton Improvement Plan-II at Fermilab

Tuesday 8 October 2024 11:00 (25 minutes)

Proton Improvement Plan-II (PIP-II) is Fermilab's plan for upgrading the accelerator complex with the goal of providing proton beam power of 1.2 MW on target at the start of operations of the Long Baseline Neutrino Facility (LBNF). It will also create a platform for long term development to multi-MW capabilities to support a broader Fermilab research program.

The presentation summarizes the concepts, methodology, implementation, and current results of the geodetic and alignment procedures to support the PIP-II development and its associated R&D programs, and an update on the progress.

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Session Classification: Survey and Alignment I