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Recent Magnetic Measurement Activities at Fermilab

Magnetic measurements are performed at Fermilab for both projects internal to the lab and as well as work for other laboratories. This talk briefly overviews the current projects and types of measurements we're currently involved in, focusing on the more interesting or challenging. Recent projects include the US-LHC Hi-Lumi Accelerator Upgrade Project (AUP), Fermilab's Proton Improvement Plan (PIP-II), and magnets built for Oak Ridge National Lab (ORNL) Proton Power Upgrade (PPU). The measurements domain includes large magnet lengths and apertures, as well as curved magnet trajectories and measurements during AC magnet excitation.

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