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Scientific Reach and Accelerator Challenges of Project-X

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The proposed FNAL high intensity proton complex, known as Project X, is designed to provide high power proton beams for neutrino oscillation experiments, muon to electron conversion experiments, possible kaon experiments, and an upgrade path to a higher power front end to a neutrino factory/muon collider complex. I will address the accelerator challenges of the initial configuration, possible alternatives, and how it increases the scientific reach of experimental programs.