

Abstract Submitted  
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**The Fermilab Project-X  
Research Program** ROBERT TSCHIRHART, Fermilab — Fermilab has been working with the international particle physics and nuclear physics communities to explore and develop research programs possible with a new high intensity proton source known as “Project-X.” Project X will provide multi-megawatt proton beams from the Fermilab Main Injector over the energy range 60-120 GeV, simultaneous with multi-megawatt protons beams at 3 GeV with very flexible beam-timing characteristics. The Project-X research program includes world leading sensitivity in long-baseline neutrino experiments, neutrino scattering experiments, a rich program of ultra-rare muon and kaon decays, opportunities for next-generation electric dipole moment experiments and other nuclear/particle physics probes that reach far beyond the Standard Model of particle physics. The sensitivity and future prospects of these lines of research will be presented and discussed.

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