

# **Fermilab High Intensity Proton Accelerator Project-X**

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## *Abstract*

Fermilab has proposed the construction of a multi-MW proton accelerator facility, Project-X. The centerpiece of this accelerator complex upgrade is an H- Superconducting Radio Frequency Linac. Project X would provide great flexibility for intensity-frontier physics, creating the opportunity for a long-term world leading program in neutrino physics and other beyond-the-standard-model phenomena. The technology for Project X also opens opportunities beyond traditional particle physics applications, for example in nuclear physics and energy.