

Abstract Submitted
for the TSS21 Meeting of
The American Physical Society

ProtoDUNE and the Validation of The Deep Underground Neutrino Experiment AHMED BEDAIR, JAEHOON YU, CRISTOBAL GARCES, AAYUSH BHATTARAI, MICHAEL SOLEK, STEVEN BOUCHER, HARSHWADHAN PRASAD, HECTOR CARRANZA, ERIC GARCIA, GAJENDRA GURUNG, UTA HEP — The Deep Underground Neutrino Experiment (DUNE) is an international collaboration to investigate the properties of neutrinos and proton decay. ProtoDUNE, a set of prototype detectors currently at CERN, is a smaller scale effort currently under construction. The primary goal behind ProtoDUNE is to validate the theories behind DUNE. Other purposes of this include recording test data for understanding of the response and calibration of different particle species.

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Date submitted: 19 Mar 2021

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