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## Deep Underground Neutrino Experiment: DUNE

The Deep Underground Neutrino Experiment (DUNE) is a next generation long baseline neutrino experiment for oscillation physics and proton decay studies. The primary physics goals of the DUNE experiment are to perform neutrino oscillation physics studies, search for proton decay, detect supernova burst neutrinos, make solar neutrino measurements and BSM searches. The liquid argon prototype detector at CERN (ProtoDUNE) is a testbed for DUNE's far detectors. It is a 700 ton liquid argon time projection chamber (LArTPC) that has operated for over 2 years, to inform the construction and operation of the first and possibly subsequent 17-kt DUNE far detector LArTPC modules. Here we introduce the DUNE and protoDUNE experiments and physics goals as well as discussing recent progress and results.

**Primary author:** ZANI, Andrea (INFN - Milano)

**Co-author:** UCHIDA, Melissa (University of Cambridge)

**Presenters:** ZANI, Andrea (INFN - Milano); UCHIDA, Melissa (University of Cambridge)

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