

The Long Baseline Neutrino Facility (LBNF)

Thursday 23 November 2023 16:15 (1 hour)

The LBNF, with a neutrino beamline at Fermilab, will provide neutrinos to the upcoming Deep Underground Neutrino Experiment (DUNE). The DUNE experiment, with its far detectors 1300 km away in South Dakota and physics goals to study neutrino oscillations with unprecedented precision, will require an intense and well understood neutrino beam. The LBNF will deliver the most intense high energy neutrino beam in the world. This talk will give an overview of the LBNF and the path to the neutrino beam that will enable groundbreaking discoveries with DUNE.

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