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Status and Prospects of the DUNE Experiment

Monday 13 May 2024 16:22 (23 minutes)

The Deep Underground Neutrino Experiment (DUNE) is a next-generation long-baseline neutrino oscillation experiment in the US. It will have four far detector modules, each holding 17 kilotons of liquid argon. These modules sit 1500 meters underground and 1300 kilometers from the near detector complex. In this overview talk, I will give an overview of DUNE experiment, including the status of DUNE far site, FD and ND prototypes, physics reach and recent results, and construction progress. Prospects of the DUNE Phase II program will also be introduced.

Mini Symposia (Invited Talks Only)

Plenary (Invited talks only)

Presenter: SHI, Wei (Stony Brook University (US))

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