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Status of the DUNE near detector

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DUNE is a long-baseline neutrino oscillation experiment that will take data in a wide-band neutrino beam at Fermilab in the latter half of the 2020s. The experiment is planning to build a very capable near detector to facilitate the high precision extraction of oscillation parameters. Part of the mission of the near detector is to acquire powerful data sets that can be used to constrain the fits used in the oscillation analyses and improve the neutrino interaction model. In this talk, the status of the DUNE near detector design is reviewed.

Working group

WG6

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