

MicroBooNE: Physics Overview and Detector Assembly

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The MicroBooNE Experiment is a 170-ton Liquid Argon Time Projection Chamber (LArTPC) that will commence running in the Booster Neutrino Beam at Fermilab in early 2014. LArTPC detectors provide powerful electron/photon discrimination and will allow MicroBooNE to investigate low energy electron-like events. The experiment will also improve neutrino cross section measurements and serve as an R&D platform for future large liquid Argon detectors. This talk summarizes the main physics goals of the MicroBooNE Experiment as well as addresses the progress of detector construction.

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