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MicroBooNE in 10 Minutes

Monday, 13 June 2016 14:00 (15 minutes)

MicroBooNE is a neutrino detector which employs the liquid argon time projection chamber (LArTPC) technology to image neutrino interactions. The detector sits in the Booster Neutrino Beamline and has been taking data since October 2015. MicroBooNE aims to investigate the excess of low energy ν_e events observed by the MiniBooNE experiment, and perform ν-Ar cross-section measurements in the $\mathcal{O}(1\text{GeV})$ energy range. The experiment has already conducted R\&D work for the LArTPC community. In this talk, we will present the current status of the MicroBooNE experiment.

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