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Recent Results from MicroBooNE

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MicroBooNE is a 85-ton active mass Liquid Argon Time Projection Chamber (LArTPC) which has been collecting data since 2015 from the Booster Neutrino Beam at Fermilab. LArTPCs are imaging detectors that record neutrino interactions with strong spatial resolution and are among the favored technology for the next generation of neutrino experiments. The main goal of MicroBooNE is to investigate the excess of nu-e-like events at low energy observed by the MiniBooNE experiment. It also has a program of precision measurements of neutrino cross sections on argon, as well as providing important LArTPC R&D for future detectors. In this talk, I will present recent results from MicroBooNE on the detector technology, event reconstruction techniques as well as from neutrino beam data.

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