Contribution ID: **225**   Type: **Oral Presentation**

Recent results from MicroBooNE

Tuesday, 30 July 2019 15:05 (20 minutes)

MicroBooNE is a 85-ton active volume Liquid Argon Time Projection
Chamber (LArTPC) which has been collecting data from the Booster
Neutrino Beam at Fermilab since 2015. LArTPCs are imaging detectors that
present neutrino interactions with excellent spatial resolution and
are a leading technology for the next generation of neutrino
experiments. The main goal of MicroBooNE is to investigate the low
energy electromagnetic excess observed by the MiniBooNE experiment. It
will also perform precise measurements of neutrino cross sections on
argon at ˜1 GeV neutrino energy, as well as provide important LArTPC R&D
for future detectors. In this talk, I will present recent results from
MicroBooNE on detector technology, event reconstruction techniques,
and neutrino measurements.

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Session Classification: Neutrino Physics

Track Classification: Neutrino Physics