



Contribution ID: 685

Type: **not specified**

Recent MicroBooNE cross section results

Tuesday 14 May 2024 16:15 (15 minutes)

MicroBooNE is Liquid Argon Time Projection Chamber (LArTPC), able to image neutrino interactions with excellent spatial resolution, enabling the identification of complex final states resulting from neutrino-nucleus interactions. MicroBooNE currently possesses the world's largest neutrino-argon scattering data set, with a number of published cross section measurements and more than thirty ongoing analyses studying a wide variety of interaction modes. This talk provides an overview of MicroBooNE's neutrino cross-section physics program, focusing on the latest results.

Mini Symposia (Invited Talks Only)

Plenary (Invited talks only)

Author: COOPER-TROENDLE, London

Co-author: GRAMELLINI, Elena (University of Manchester)

Presenter: COOPER-TROENDLE, London

Session Classification: Neutrino Physics

Track Classification: Neutrino Physics