

# The 22nd international workshop on Next Generation Nucleon Decay and Neutrino Detectors (NNN23)



UNIVERSITÀ DEGLI STUDI DI NAPOLI  
FEDERICO II



Università  
degli Studi  
della Campania  
Luigi Vanvitelli



Comune di  
Procida

Contribution ID: 67

Type: Abstract for a "contributing talk"

## MicroBooNE's latest results

*Friday, October 13, 2023 10:10 AM (30 minutes)*

MicroBooNE is an 85-tonne active volume liquid-argon time projection chamber located in the Booster Neutrino Beam and NuMI beam at Fermilab. It was operational from 2015 to 2020 and collected the largest neutrino-argon interaction dataset to date. The primary goals of MicroBooNE are to understand the low-energy excess observed by MiniBooNE, make precise measurements of neutrino interactions on argon, and search for beyond-the-Standard-Model physics. In this talk, I will present some of the latest results from MicroBooNE, with an emphasis on neutrino-argon cross-section measurements.

**Presenter:** REN, Lu (Colorado Boulder, USA)

**Session Classification:** Third Day - Contributed Talks