

The 19th International Workshop on Neutrinos from Accelerators (NUFACT2017)



Contribution ID: **160**

Type: **talk**

Recent Results from the MINERvA Experiment

Monday, 25 September 2017 14:00 (30 minutes)

The MINERvA experiment, located in the NuMI beamline at Fermilab, is a dedicated neutrino scattering experiment. That main goal is make high precision measurements of neutrino interaction cross sections in the 1 to 20 GeV energy range, to support current and future oscillation experiments. MINERvA also provides information about the structure of protons and neutrons, and the dynamics that affect neutrino-nucleus interactions. The heart of the MINERvA detector is a fine-grained scintillator tracking chamber, surrounded by electromagnetic and hadronic calorimeters. Carbon, Iron and Lead targets are used to study the effect of the nuclear medium on neutrino-induced interactions. This talk presents a summary of the more recent MINERvA results.

Primary author: VALENCIA-RODRIGUEZ, Edgar (William and Mary)

Presenter: VALENCIA-RODRIGUEZ, Edgar (William and Mary)

Session Classification: WG2: Neutrino scattering physics

Track Classification: Working Group 2: Neutrino Scattering Physics