Contribution ID: **36** Type: **not specified**

Neutrino Physics Results at MINERvA

Tuesday, 14 May 2013 14:25 (20 minutes)

MINERvA (Main INjector ExpeRiment v-A) is a few-GeV neutrino-nucleus scattering experiment using the high intensity NuMI beam line at Fermi National Accelerator Laboratory. The MINERvA detector is a fine-grained scintillator tracking detector capable of making precision measurements of low-energy neutrino and anti-neutrino interactions. The experiment was designed to help provide insight into neutrino and anti-neutrino cross sections, important in neutrino oscillation experiments and the probing of the nuclear medium. We present the results of the charged current quasi-elastic and inclusive pion production analyses.

Primary author: Dr MCGIVERN, Carrie (University of Pittsburgh)

Presenter: Dr MCGIVERN, Carrie (University of Pittsburgh)

Session Classification: Accelerator-Based Neutrino Physics II

Track Classification: Accelerator-Based Neutrino Physics Parallel