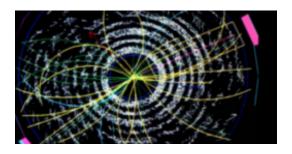
## **New Perspectives 2017**



Contribution ID: 61 Type: Oral Presentation

## Low Energy CCQE Results from MINERvA

Monday, 5 June 2017 16:15 (15 minutes)

MINERvA is a neutrino scattering experiment designed for high precision measurements of cross sections and studies of nuclear effects. Charged-current quasielastic (CCQE) scattering events are a significant contribution to the signal of many oscillation experiments. It is the dominant reaction near 1 GeV, a critical energy region for long baseline oscillation experiments. MINERvA has conducted many CCQE studies in the low energy NuMI beam. In this talk, I will present an overview of the Minerva detector and summarize the low energy quasi-elastic scattering results.

**Primary author:** Ms SULTANA, Mehreen (University of Rochester)

**Presenter:** Ms SULTANA, Mehreen (University of Rochester)

Session Classification: Neutrino Interaction Physics