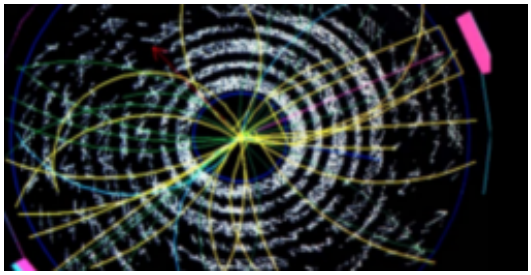

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Minerva CCQE in the 'Medium Energy' Era

Monday, 5 June 2017 16:30 (15 minutes)

Charged-current quasielastic (CCQE) scattering events are one of the most numerous and most important categories of neutrino interactions available to us today to study neutrino cross sections and oscillations. This presentation will cover the progress of the Minerva collaboration towards fully leveraging the awesome statistics that the NuMI 'Medium Energy' exposure has to offer. Data collected during this run allow for unprecedented access to as-yet-unstudied regions of phase space, in an energy range that is of particular relevance to future long-baseline oscillation experiments.

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Session Classification: Neutrino Interaction Physics