

NuInt12 : Eighth International Workshop on Neutrino-Nucleus Interactions in the Few-GeV Region



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Understanding the NuMI Flux for MINERvA

Thursday, October 25, 2012 6:00 PM (1h 30m)

The Neutrinos at the Main Injector (NuMI) beamline delivers intense neutrino and anti-neutrino beams in an energy range of 2-20 GeV. Understanding these fluxes is crucial for measuring absolute cross sections in MINERvA. Three techniques for constraining these fluxes are being considered in MINERvA: in situ neutrino event rate measurements, external hadron production data and in situ muon flux measurements. This poster will present these three strategies and the status of each one.

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