



Contribution ID: 106

Type: **Parallel contribution**

Early Neutrino Data in the NOvA Near Detector

Thursday 11 August 2011 11:10 (20 minutes)

NOvA is a long baseline neutrino experiment using an off-axis neutrino beam produced by the NuMI neutrino beam at Fermilab. The NOVA experiment will study neutrino oscillations from ν_μ flavor to ν_e flavor. A short term goal for the NOvA experiment is to develop a good understanding of the response of the detector. These studies are being carried out with the full Near Detector installed on the surface at Fermilab (NDOS). This detector is currently running and will acquire neutrino data for a year. Using beam muon neutrino data, quasi-elastic charge-current interactions will be studied. Status of the NDOS running and early data will be shown.

Author: BETANCOURT, Minerba (University of Minnesota)

Presenter: BETANCOURT, Minerba (University of Minnesota)

Session Classification: Neutrino Physics

Track Classification: Neutrino Physics