



SPEAKER: Gregory Pawloski (University of Minnesota)
TITLE: **The first results from the NOVA experiment**
DATE: Tue 17/11/2015 11:00
PLACE: Main Auditorium

ABSTRACT

The NOvA experiment measures neutrino oscillation phenomena over a baseline of 810 km using a narrow-band muon neutrino beam that has a peak energy near 2 GeV. With this configuration the experiment has sensitivity to the oscillation parameters that are the least known. Installation of the detector began almost 2 years ago and the collaboration has been recording data since then. The collaboration released its first measurements of neutrino oscillation phenomena this summer. The results of those measurements and the future prospects of the experiment will be discussed.