

Recent Results from the NOvA experiment

Saturday 7 July 2018 11:30 (15 minutes)

NOvA is a long-baseline neutrino experiment that uses an upgraded NuMI neutrino source at Fermilab and a 14-kton detector at Ash River, Minnesota. The detector has a highly active, finely segmented design that offers superb event identification capability. The latest results on muon (anti-)neutrino disappearance and electron (anti-)neutrino appearance will be shown, as well as neutral current measurements. The results will include the implications for neutrino oscillation mixing parameters, CP violation and the mass ordering.

Author: BIAN, Jianming (University of California Irvine (US))

Presenter: BIAN, Jianming (University of California Irvine (US))

Session Classification: Neutrino Physics

Track Classification: Neutrino Physics