2019 Meeting of the Division of Particles & Fields of the American Physical Society



Contribution ID: 160 Type: Oral Presentation

New Oscillation Results from NOvA

Monday 29 July 2019 14:20 (20 minutes)

NOvA is a long-baseline neutrino experiment that uses an upgraded NuMI neutrino source at Fermilab and a 14 kiloton detector at Ash River, Minnesota. The detector has a highly active, finely segmented design that offers superb event identification capability. This talk will report the latest results on muon (anti-)neutrino disappearance and electron (anti-)neutrino appearance from NOvA. The data used in these analyses include the new anti-neutrino beam data taken in 2018. The new NOvA results indicate normal mass hierarchy.

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Session Classification: Neutrino Physics

Track Classification: Neutrino Physics