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## Measurement of Standard and Non-standard Oscillations at NOvA

*Thursday, 7 July 2022 09:30 (15 minutes)*

NOvA is a long-baseline neutrino oscillation experiment with a beam and near detector at Fermilab and a far detector 810 km away in northern Minnesota. It features two functionally identical scintillator detectors. By measuring muon neutrino disappearance and electron neutrino appearance as a function of energy in both neutrinos and antineutrinos, NOvA can measure the parameters of the PMNS matrix which describe the known 3-flavor oscillations as well as constrain potential new physics which impacts neutrino oscillations. In this talk, we will present recent results from NOvA on both standard and non-standard oscillations.

### In-person participation

Yes

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