



Contribution ID: 11

Type: **Oral Presentation**

## NOvA In 10 Minutes

*Tuesday, June 19, 2018 4:15 PM (15 minutes)*

NOvA is a long-baseline neutrino oscillation experiment which uses the NuMI neutrino beam at Fermilab. Our detectors are functionally-similar liquid scintillator calorimeters, situated 810km apart and 14 mrad off-axis with respect to the the NuMI beam. NOvA's primarily physics goal is a measurement of electron neutrino appearance and muon neutrino disappearance from a muon neutrino beam to constrain mass ordering,  $\Delta m_{23}^2$ , the  $\theta_{23}$  octant, and  $\delta_{CP}$ . Sterile neutrino searches are also underway. In this talk, I will present an overview of the NOvA experiment and summarize recent results.

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**Session Classification:** Long Baseline Neutrino Program