

## Status and Prospects of the NOvA Experiment

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The NOvA experiment, now nearing completion, is a new long-baseline neutrino experiment that will use an upgraded NuMI neutrino source at Fermilab and a 14-kton detector at Ash River, Minnesota. NOvA uses a highly active, finely segmented detector design that offers superb event identification capability, allowing precision measurements of electron (anti-)neutrino appearance and muon (anti-)neutrino disappearance. Through these, NOvA will provide new measurements of  $\theta_{13}$ ,  $\theta_{23}$ , the atmospheric mass splitting, the neutrino mass hierarchy, and the CP-violating phase. This talk reviews the experiment's construction and operation timeline.

**Primary author(s)** : GOODMAN, Maury (Argonne National Laboratory)

**Presenter(s)** : CRONIN-HENNESSY, Daniel (University of Minnesota)

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