

Status of the NOvA Experiment

The NOvA experiment will study neutrino oscillations using the NuMI beam produced at Fermilab. The experiment is currently under construction and will consist of a near detector at the Fermilab site, and a far detector, located 810 km away in Ash River, Minnesota, both 14 mrad off of the beam axis. The fully active liquid scintillator detectors are designed to identify the interaction of neutrinos from the beam. With the recent discovery of a non-zero θ_{13} at reactor-based neutrino experiments, NOvA will be well suited to study the ordering of the neutrino mass eigenstates and to search for CP violating effects in the neutrino sector. In this poster, I will present the current status of the detector construction and commissioning.

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