

Abstract Submitted  
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**Status of the NOvA Experiment** SATISH DESAI, University of Minnesota, NOVA COLLABORATION — The NOvA experiment will study neutrino oscillations using a beam of neutrinos produced at the Fermi National Accelerator Laboratory in Batavia, Illinois. The experiment is currently under construction and will consist of a near detector, located at Fermilab 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  $\theta_{13}$  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. I will discuss the goals of the the NOvA experiment and present the current status of the detector construction and commissioning.

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