

NOvA Three Flavor Results

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NOvA is a long-baseline neutrino experiment placed in the muon neutrino-dominated NuMI beam based at the Fermi National Accelerator Laboratory, USA. Utilizing two functionally-identical tracking calorimeters placed 809 km apart, NOvA observes the appearance of electron neutrinos and the disappearance of muon neutrinos. By observing these neutrino oscillations along with their antineutrino counterparts, NOvA is probing outstanding questions in neutrino physics including the neutrino mass ordering, leptonic CP violation parameterized by the phase δ_{CP} , the larger neutrino mass splitting Δm_{21}^2 , and the mixing angle θ_{23} . This talk will present the most recent 3-flavor neutrino oscillation results from NOvA in both the Frequentist and Bayesian formalisms.

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