

Results from the Joint NOvA-T2K Analysis

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NOvA and T2K represent the two current-generation long-baseline neutrino oscillation experiments. Their complementarity in terms of detector design, analysis strategy, baseline, and neutrino beam energy has the potential to provide further insight into the observed degeneracies in the oscillation parameter space. The first joint NOvA-T2K analysis incorporates datasets from each experiment into a unified framework using the detailed likelihoods and consistent statistical treatment across the full dimensionality. This poster outlines the methods and results from the joint analysis, which demonstrates the simultaneous compatibility of both datasets and provides a strong constraint on $|\Delta m_{32}^2|$.

Poster prize

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Collaboration (if any)

NOvA, T2K

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