

# 24th International Workshop on Next Generation Nucleon Decay & Neutrino Detectors (NNN25)

## NNN25

International Workshop on Next Generation  
Nucleon Decay and Neutrino Detectors

October 1-3, 2025



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## Experimental Overview of Neutrino Oscillations

*Wednesday, October 1, 2025 10:00 AM (25 minutes)*

Neutrino oscillation offers a precise measurement of the lepton mixing (PMNS) matrix, including the CP violation phase, and sensitive search windows for new physics, such as new mass eigenstates (sterile neutrinos) and interactions beyond the standard model through matter oscillation effects. In this presentation, an overview of the neutrino oscillation experiments with a focus on the next generation of experiments will be provided.

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