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The current experimental view of neutrino oscillations¹

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The past fifteen years have seen a revolution in our understanding of the properties of the neutrino. A large set of experiments has observed two oscillation modes, indicating that there are three distinct mass states. In the last few years, a third oscillation mode has been discovered, opening up future probes of new phenomena including CP violation. Despite the recent progress, however, much remains unknown about neutrinos and several experimental results remain difficult to reconcile with the simplest models. This talk will give an overview of what is known, what we're learning in this exciting era of measurements, and what we may be able to learn in the next decade and beyond.

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