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Neutrino oscillations in long baseline experiments

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The discovery of neutrino oscillations and neutrino mass opens a new area in particle physics, astroparticle physics, and cosmology by studying neutrinos. The long-baseline neutrino oscillation experiments are essential to explore the properties of neutrinos. Today, we are focusing to measure neutrino oscillations more precisely and to search for CP violation in neutrinos. I will review the recent progress of long-baseline neutrino oscillation experiments in the world. The highlights are new results from the Daya-Bay, Ice Cube, NOvA, and T2K experiments and the updated status of newly coming experiments: DUNE (USA), JUNO (China), and Hyper-Kamiokande (Japan).

Primary author(s) : NAKAYA, Tsuyoshi (Kyoto University)

Presenter(s) : NAKAYA, Tsuyoshi (Kyoto University)

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