

Theory of leptonic flavor mixing

Tuesday, 18 June 2024 11:15 (25 minutes)

It is known that the lepton mixing angles are completely different from the quark mixing angles.

The fundamental principle behind the flavor mixing structure remains unknown. I shall review the different approaches to predict the lepton mixing angles and the Dirac and Majorana CP violation phases from theory, commenting also on their experimental tests. Their implications in neutrino oscillation, neutrinoless double decay and cosmology will be discussed.

Poster prize

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Session Classification: S5: Theoretical overviews