PANIC2021 Conference



Contribution ID: 105

Type: Talk

Neutrino mixing from flavour symmetry

Wednesday 8 September 2021 16:30 (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 will 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. I will also discuss how to explain the quark mixing matrix from flavor symmetry.

Primary author: DING, Gui-Jun (University of Science and Technology of China)
Co-authors: CHEN, Peng; CHULIA, Salvador; Dr LU, Jun-Nan; SRIVASTAVA, Rahul; VALLE, Jose
Presenter: DING, Gui-Jun (University of Science and Technology of China)
Session Classification: Neutrino physics

Track Classification: Neutrino physics