



Contribution ID: 16

Type: **Regular Talk** (15'+5')

Five texture zeros in the lepton sector

Thursday 1 December 2022 11:20 (20 minutes)

We have assumed special structures for the charged and neutral mass matrices in the lepton sector, inspired by structures for the up and down quark mass matrices that result by assuming a certain number of symmetrical zeros in their entries named texture zeros. A prediction of the lepton mixing matrix results from the rotation matrices that diagonalize the mass matrices in the neutral and charged lepton sectors. The use of texture zeros reduces the number of spurious parameters to explain observations in this sector.

Author: BENAVIDES, Richard

Co-authors: RICO, Alejandro; TAPIA, Alex; VANEGAS, David; MUÑOZ, José; MUÑOZ, Luis

Presenter: BENAVIDES, Richard

Session Classification: Neutrinos theory

Track Classification: Neutrinos - Theory