



Contribution ID: 34

Type: poster

Stochastic Neutrino Mixing Mechanism

Using the phenomenological hypothesis that flavor states are not composed by a single mixing of mass states, we developed a mechanism that supports a possible explanation to the Reactor Antineutrino Anomaly and the Gallium Anomaly. Noticing a possible dependence of the free parameter demanded by the mechanism, we also identified a way to explain the appearance phenomena observed in LSDN and MINIBOONE. The poster is a discussion about the results obtained in the paper published in the Physical Review D (87(9):093003).

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Track Classification: Working Group 2