DISCRETE 2010



Contribution ID: 16 Type: not specified

CPT and Flavour Neutrino puzzles disentangled by Longest Anti-neutrino Beam Baseline

Tuesday, 7 December 2010 17:50 (25 minutes)

We discuss the possible discover of CPT trace in present
Neutrino experiments data and future ones.
In particular we reconsider both SK and Deep core
in Icecube as possible detector of atmospheric anisotropies
mostly due to common oscillation and eventual anomalous CPT violated mass term. We shall show novel
experimental set-up and detailed prediction able to obtain sharp neutrino mass and flavour mixing term in a
very near future.

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Session Classification: Neutrino mass, mixing and discrete symmetries (3)

Track Classification: Neutrino mass and mixing