Contribution ID: **1063** Type: **Parallel Session Talk**

Theoretical Frameworks for Neutrino Masses

Saturday, 24 July 2010 16:40 (15 minutes)

Neutrino oscillations represent the first, and so far unique, evidence for the incompleteness of the Standard Model (SM) of particle interactions.
After summarizing the main theoretical questions raised by the discovery of neutrino oscillations, theoretical concepts and ideas leading to extensions of the SM compatible with the present experimental data will be reviewed. Possible tests of some representative models at existing and future facilities will be also discussed.

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Session Classification: 07 - Neutrinos

Track Classification: 07 - Neutrinos