UNIVERSIDAD TECNICA
FEDERICO SANTA MARIA

Departamento de Física

Seminario Grupo de Física de Altas Energías

"Phenomenology of inverse seesaw with flavour and CP symmetries"

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Abstract

We discuss two options of a scenario in which light neutrino masses are generated by the inverse seesaw mechanism (ISS) and the form of the coupling and mass matrices is determined by flavour and CP symmetries and their residuals. Results for lepton mixing and different signals of charged lepton flavour violation (cLFV) are presented. While for option 1 cLFV processes are highly suppressed, the studied parameter space of option 2 can be considerably constrained by the future limits on mu -> 3 e and mu-e conversion in aluminium.

Miércoles 11 de Septiembre de 2024 a las 14:30 horas de Chile.

https://reuna.zoom.us/j/87161425888?pwd=MWFZUFNQRnI4MXo1QzFLdGpJbllIZz09

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