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Non standard interactions in the neutrino sector

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Abstract content

Neutrino experiments offer an an increasing evidence for a non zero neutrino mass and there is a strong effort to build models containing the observed the neutrino mass pattern. Most of this models implies nonstandard interactions that can be parametrized in terms of effective four-fermion operators in the low-energy limit. In this talk I plan to show the current status of the constraints to the non standard parameters obtained from different neutrino experimental data and discuss the perspectives of some experimental proposals to improve these bounds.

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