

Overview of Neutrino Masses and Mixing

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The main results of neutrino oscillation experiments are reviewed and interpreted as evidence of three-neutrino mixing, in agreement with the minimal extension of the Standard Model with massive neutrinos.

The problem of the explanation of the smallness of neutrino masses is discussed and the likely Majorana nature of neutrinos is explained. The potential of neutrinoless double-beta-decay experiments to reveal the Majorana nature of neutrinos is reviewed.

Finally, the recent indications in favor of the existence of additional sterile neutrinos is briefly reviewed.