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Status of Light Sterile Neutrinos

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I review the experimental indications in favor of short-baseline neutrino oscillations and discuss their interpretation in the framework of 3+1 neutrino mixing with a sterile neutrino at the eV scale. I discuss the recent results of short-baseline reactor neutrino experiments and their statistical analyses. I discuss the compatibility of the LSND and MiniBooNE results and possible solutions of the MiniBooNE low-energy anomaly. I discuss the appearance-disappearance tension, that was increased by the MINOS+ bound on short-baseline ν_μ disappearance. I conclude with a discussion of the future prospects.

Primary author(s) : GIUNTI, Carlo (INFN, Torino)

Presenter(s) : GIUNTI, Carlo (INFN, Torino)

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