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Status of Light Sterile Neutrinos

Friday, July 7, 2017 9:00 AM (30 minutes)

I review the experimental indications in favor of short-baseline neutrino oscillations. I discuss their interpretation in the framework of 3+1 neutrino mixing with a sterile neutrino at the eV scale. I present the results of the updated 3+1 global fit including the recent MINOS, IceCube and NEOS data. I discuss the implications for future neutrino oscillations and neutrinoless double-beta decay experiments.

Experimental Collaboration

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