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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 show that the recent results of the NEOS and DANSS reactor neutrino experiments give a model-independent indication in favor of short-baseline electron antineutrino disappearance, in partial agreement with the reactor and Gallium anomalies.

On the other hand, the recent results of the MINOS+ experiment disfavor the LSND anomaly.

I also discuss the interpretation of the Daya Bay fuel evolution data.

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