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Sterile Neutrino searches

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In this communication, we will briefly recall the motivation for sterile neutrino searches, including the LSND and Gallium anomalies, as well as the Reactor Antineutrino Anomaly, before reviewing recent experimental results on short and very short baseline oscillation experiments using reactor and accelerator neutrinos and decay-at-rest set-ups, too. We will touch on what global fits of oscillation data have to say about the status of the sterile neutrino hypothesis, and finally we will discuss the expected sensitivities of future experiments.

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