

Results from MiniBooNE

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MiniBooNE is a short-baseline experiment located at Fermilab, sensitive to muon (anti)neutrino to electron (anti)neutrino appearance and muon (anti)neutrino disappearance oscillations at high $\Delta m^2 \sim 1 \text{ eV}^2$. These oscillation searches have been motivated by the 3.8σ excess of electron antineutrino events in a muon antineutrino beam observed by the LSND experiment in 1995. In this talk, recent antineutrino and updated neutrino oscillation results from MiniBooNE will be presented, and implications for the LSND excess will be discussed within the context of sterile neutrino oscillation models.

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