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Confronting Recent Neutrino Oscillation Data with Sterile Neutrinos

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Recent neutrino oscillation results have provoked renewed interest in sterile neutrino models. This talk will review the data from MiniBooNE, MINOS and reactor neutrinos. We incorporate these results as well as new electron neutrino disappearance data into our fits, and expand the model to address matter effects. We discuss how future experiments will resolve the questions that have been raised.

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