

Observation of nonzero θ_{13} at reactor antineutrino experiments

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The Daya Bay Reactor Neutrino Experiment has measured a non-zero value for the neutrino mixing angle θ_{13} with a significance of 5.2 standard deviations in 55 days of data. Six antineutrino detectors deployed in two near (flux-weighted baseline 470 m and 576 m) and one far (1648 m) underground experimental halls will continue to accumulate data until summer 2012 when the final two antineutrino detectors will be installed. The status of the present analysis and future plans will be presented.

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