

Abstract Submitted
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The Daya Bay Experiment V: Overall Performance and Schedule for Neutrino Oscillation Results YASUHIRO NAKAJIMA, Lawrence Berkeley National Laboratory, DAYA BAY COLLABORATION — The Daya Bay Reactor Neutrino Experiment aims to make a precise measurement of the least well known mixing angle of PMNS matrix, θ_{13} , which is essential for future measurements of CP-violation in the lepton sector. The experiment detects anti-neutrinos from reactors at Daya Bay with eight “identical” Antineutrino Detectors, which distributed into three experimental halls. We started taking data from the first two Antineutrino Detectors at one of the near-sites in August 2011. The construction and commissioning of the remaining six detectors are in progress. In this talk, we present the current status of the experiment and the results of initial studies of overall performance of the operating Antineutrino Detectors in the full experimental setup. In addition, our schedule for releasing neutrino oscillation results will be presented.

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