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## Measurement of electron antineutrino oscillation based on 1230 days of operation of the Daya Bay experiment

Utilizing powerful nuclear reactors as anti-neutrino sources, high mountains to provide ample shielding from cosmic rays in the vicinity, and functionally identical detectors with large target volume for near-far relative measurement, the Daya Bay Reactor Neutrino Experiment has achieved unprecedented precision in measuring the neutrino mixing angle  $\theta_{13}$  and the neutrino mass squared difference  $|m_{ee}^2|$ . I will report the latest Daya Bay results on neutrino oscillations, based on more than 2.5 million  $\bar{\nu}_e$  inverse beta-decay interactions observed from the combination of 217 days of operation of six antineutrino detectors with a subsequent 1013 days using the complete configuration of eight detectors.

## **Experimental Collaboration**

The Daya Bay Collaboration

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DAYA BAY COLLABORATION

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