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## Measurement of Reactor Antineutrino Flux and Spectrum at Daya Bay

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Electron antineutrinos from six 2.9  $\text{GW}_{th}$  reactors are detected with six detectors deployed in two near and one far underground experimental halls at Daya Bay. Using 217 days of data, more than 300,000 antineutrino candidates were detected in the three halls. In this talk, a measurement of absolute reactor antineutrino flux and spectrum will be described, including comparisons of the measurement to predictions based on different flux models. Methods of extracting a generic reactor antineutrino spectrum from the measured absolute antineutrino spectrum will be presented, which could be used in place of current flux models.

### Summary

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**Session Classification** : Neutrino Physics

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