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Perspectives for the measurement of mass hierarchy with the Daya Bay II experiment

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Neutrino physics is the frontier of particle physics, astrophysics and cosmology. Neutrino mixing is the only phenomena beyond the Standard Model. The large and precise measurement of θ_{13} mixing angle of Daya Bay experiment opened an era for many other neutrino precise measurements. The goal of Daya Bay II experiment is going to measure the neutrino mass hierarchy with a baseline of 60 km from reactor cores. The challenge of Daya Bay II experiment, the concepts design of detectors, site, cost and schedule will be shown.

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