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Reactor Neutrino Experiments

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Neutrinos from nuclear reactors have had an impressive record of discovery in particle physics, from the first observation of neutrinos by Reines and Cowan in 1956, through the resolution of solar neutrino oscillations, to the measurement of the last neutrino mixing angle, θ_{13} . Today, there remain many questions that can best be addressed with reactor neutrinos, including a precision determination of the solar mixing angle and a resolution of the light sterile neutrino question. This talk will focus on selected recent success and future measurements, with special attention paid to new technologies that are enabling these measurements.