

## The Jiangmen Underground Neutrino Observatory JUNO

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Determining the neutrino mass ordering will be the next step forward in elucidating the mechanisms underlying neutrino masses and mixing. Complementarily to other upcoming projects, the reactor neutrino experiment JUNO aims to determine the mass ordering relying only on vacuum oscillations. The 20-kiloton scintillator detector is currently under construction in southern China. From 2021, JUNO will not only perform a precision measurement of oscillation parameters but serve as well as an observatory for low-energy astrophysical neutrinos.