

# Abstract for The JUNO Calibration Strategy and its Simulation

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Jiangmen Underground Neutrino Observatory (JUNO) is a 20 kton liquid scintillator detector under construction in China, which is designed to primarily determine the neutrino Mass Hierarchy (MH) by detecting reactor anti-neutrinos via inverse beta decay. JUNO energy response is strongly position-dependant due to the detector structure and dimension. The energy resolution should be  $<3\%$  (the quantity under the square root sign is E) to determine MH in  $3\sigma$  in 6 years, so the calibration complex is very critical and has been designed. In this poster, the study including Calibration Strategy and simulation work will be presented.

## Secondary track (number)

**Authors:** Mr ZHU, Kangfu (xi'an jiaotong university); Prof. ZHANG, Qingmin (xi'an jiaotong university)

**Presenter:** Mr ZHU, Kangfu (xi'an jiaotong university)

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