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Status of the JUNO Detector

The Jiangmen Underground Neutrino Observatory (JUNO) is a multipurpose neutrino experiment filled with 20k tons of liquid scintillator (LS) and equipped with more than 40000 photosensors. It is designed to observe neutrinos and anti-neutrinos from various sources such as nuclear reactors, the Earth, atmosphere, the Sun and Supernovae. The detector construction was finished in 2024. It is currently at the commissioning stage: exchange of water by liquid scintillator and simultaneous data taking. This talk will introduce the detector components and report the recent commissioning progress and status of the detector.

Secondary track

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