

First performance results from the JUNO experiment commissioning phase

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The Jiangmen Underground Neutrino Observatory (JUNO) is the largest liquid scintillator detector for neutrino physics ever built. At the end of 2024 the construction of the detector has ended and both Central Detector and the surrounding Water Cherenkov Detector have been filled with ultra pure water. At the beginning of February 2025, after having filled the complete detector, a short commissioning run has been taken and few days afterwards water in the Central Detector has been started to be replaced with Liquid Scintillator. During this longer filling phase, the detector has been switched on and regular calibration and commissioning runs have been collected to understand the response of the detector and study its performances. In the present talk preliminary results on JUNO performances during filling will be shown.

Collaboration you are representing

Author: GARFAGNINI, Alberto (Padova University and INFN-Padova)

Presenter: GARFAGNINI, Alberto (Padova University and INFN-Padova)

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