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## Overview of the JUNO-TAO Detector

*Thursday, 26 May 2022 15:34 (1 minute)*

The JUNO-TAO detector is a liquid scintillator that will be placed near one core of the Taishan nuclear power plant of China.

It is a satellite detector of the Jiangmen Underground Neutrino Observatory (JUNO) and will provide a precise measurement of the reactor antineutrino spectra with unprecedented high energy resolution, improving the sensitivity of JUNO on mass hierarchy study.

Furthermore, JUNO-TAO will provide benchmark tests on nuclear database.

In this talk, JUNO-TAO's design, the status of its R&D program, and its physics potential, will be presented.

### Collaboration

JUNO

**Primary author:** LOMBARDO, Claudio (Istituto Nazionale di Fisica Nucleare)

**Presenter:** LOMBARDO, Claudio (Istituto Nazionale di Fisica Nucleare)

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