



Contribution ID: 131

Type: Poster

Design and Construction of hundred-ton liquid neutrino detector at CJPL II

Friday, 8 July 2022 20:10 (20 minutes)

The China Jinping Underground Neutrino Experiment-(CJPL) foresees completion of phase II construction around 2025. A hundred-ton liquid solar neutrino detector, Jinping Neutrino Experiment-(JNE), will be built 1 year after that.

We are going to review the status and plans of the project, including construction of the experiment site, design of the detector, instrumentation of the fast frontend electronics, characterization of photomultiplier tubes and system of offline data processing. We shall discuss physics potentials with different interchangeable detection media with JNE.

In-person participation

No

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Session Classification: Poster Session

Track Classification: Detectors for Future Facilities, R&D, novel techniques