

Recent Status and Future Plans for the China JinPing Underground Laboratory

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China Jinping Underground Laboratory (CJPL) is the deepest laboratory and an ideal site for rare-event experiments such as dark matter, neutrinoless double beta decay, solar neutrino experiment, and so on. It is located in the Jinping Mountain, Sichuan Province, southwest China, with an overburden of about 2,400 m. The laboratory is operated by Tsinghua University and Yalong River Hydropower Development Company, Ltd. This paper will give an overview of conditions, status and future plans of the laboratory. Main experiments and scientific activities carried out at CJPL will also be presented. The experimental programs for direct detection of dark matter at CJPL will also be introduced.

E-mail

yueq@mail.tsinghua.edu.cn

Primary author: Dr YUE, Qian (Tsinghua University)

Presenter: Dr YUE, Qian (Tsinghua University)

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