

China Jinping underground Laboratory (CJPL): Status and prospect

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China Jinping underground laboratory (CJPL) is the deepest laboratory in the world and an ideal site for particle physics, astrophysics and other low background experiments. It is located in the Jinping Mountain, Sichuan Province, southwest China, with an overburden of about 2400m. The laboratory is operated by Tsinghua University and Yalong River Hydropower Development Company, LTD. The scientific project at CJPL is mainly focused on dark matter experiment and low background screening techniques. This paper will give an overview of conditions, status and future plan of the laboratory. Main experiments and scientific activities carried out at CJPL will also be presented.

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