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## Recent Progress and Plan of PandaX Experiment

*Thursday 26 August 2021 20:25 (25 minutes)*

PandaX experiment uses xenon as target to detect weak and rare physics signals, including dark matter and neutrinos. PandaX-II, 580kg liquid xenon completed successfully in 2019, and we are running a next generation experiment PandaX-4T with 4-ton xenon in the sensitive volume. In this talk, I will give an overview of the PandaX-4T experiment and commissioning. From 0.63 ton-year exposure data during commissioning, new constraints on the WIMP-nucleon spin-independent cross section is obtained.

**Presenter:** ZHOU, Ning (Shanghai Jiao Tong University (CN))

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