

Recent progress and plan of PandaX experiment

Friday 31 March 2023 07:30 (15 minutes)

PandaX experiment uses xenon as target to detect weak and rare physics signals, including dark matter and neutrinos. We are running a new generation detector with 4-ton xenon in the sensitive volume, PandaX-4T. The commissioning run data has pushed the constraints on WIMP-nucleon scattering cross section to a new level. In this talk, I will give an overview of PandaX-4T latest results on dark matter and neutrino physics, exploring the physics capability of xenon detector. I will also briefly discuss the future prospects of PandaX.

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Session Classification: SESSION 10: Direct Detection: status of liquid/gas WIMP detectors (CHAIR: Alvine Kamaha -UCLA)

Track Classification: Non-directional direct dark matter detection