TeV Particle Astrophysics 2017 (TeVPA 2017)



Contribution ID: 52 Type: Oral

Dark matter search results from the PandaX-II experiment

Tuesday 8 August 2017 16:45 (15 minutes)

The PandaX project consists of a series of xenon-based experiments, located at China JinPing underground Laboratory. The current experiment, PandaX-II, is a direct dark matter search experiment with a 500 kg-scale liquid xenon dual-phase time projection chamber. PandaX-II started physics data taking in 2016. In this talk we report latest results and the current status of the PandaX-II experiment.

Author: Prof. YANG, Yong (Shanghai Jiao Tong University (CN))

Presenter: Prof. YANG, Yong (Shanghai Jiao Tong University (CN))

Session Classification: Dark matter

Track Classification: Dark matter (direct detection, indirect detection, theory, etc.)