



Contribution ID: 169

Type: **not specified**

The PandaX-IV Dark Matter Experiment

Tuesday 16 May 2017 15:40 (20 minutes)

The PandaX-IV (Particle AND Astrophysical Xenon phase IV) project is a dark matter direct detection experiment with dual-phase xenon located in the China Jinping Underground Laboratory phase-II (CJPL-II). As the result of 120kg PandaX-I has been released in May 2015 and the 500kg PandaX-II will stop data taking in 2018, the upgraded experiment, PandaX-IV, will contain 4 tons of xenon in the sensitive volume and we hope it will set the more stringent limit for WIMP.

This poster will present the design of PandaX-IV experiment.

Summary

Author: Mr REN, Xiangxiang (Shanghai Jiao Tong university)

Presenter: Mr REN, Xiangxiang (Shanghai Jiao Tong university)

Session Classification: Posters