

PandaX Dark Matter and Neutrino Physics Program

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Dark matter and neutrinos are essential ingredients in the evolution of the Universe. The PandaX collaboration has built a series of xenon-based time projection chambers (XeTPC) to search for dark matter particles, neutrinoless double beta decay, and astrophysical neutrino signals. PandaX-4T is currently running, and we released the second dataset in summer 2024. This talk highlights recent dark matter searches, solar axion, and solar neutrino results.

Primary author: HAN, Ke (Shanghai Jiao Tong University)

Presenter: HAN, Ke (Shanghai Jiao Tong University)

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