

# PandaX-4T Experiment and its Recent Progress on WIMP search

*lunedì 8 luglio 2024 14:00 (20 minuti)*

PandaX-4T is a several-tonne-scale dark matter direct searching experiment, utilizing 4 tonne liquid xenon as target material in sensitive volume. The experiment is located at China Jinping Underground Laboratory, with overburden of 2400 meter water equivalent. In 2021, the PandaX-4T experiment has released its first data and obtained various search result at the time. In this talk, I will introduce the recent results of PandaX-4T experiment on the WIMP search with newly obtained data.

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**Classifica Sessioni:** Parallel 1

**Classificazione della track:** Parallel session: Direct detection