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Recent Results from XENON1T

Friday 27 March 2020 10:30 (15 minutes)

XENON1T is a tonne-scale liquid xenon time-projection chamber that operated from early 2016 through the end of 2018. With unprecedented low background levels and an energy threshold of about 1 keV (0.2 keV in ionization-only analyses), XENON1T is sensitive to a multitude of ultra-rare processes predicted by both Standard Model (SM) and Beyond-SM physics. In this talk I will discuss the most recent results from the XENON1T experiment, including rare-event searches in both the electron- and nuclear-recoil channels.

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