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## Double beta decay with PandaX liquid xenon detectors

*Thursday, June 26, 2025 3:15 PM (30 minutes)*

PandaX-4T is a liquid xenon time projection chamber (TPC) that searches for dark matter particles and neutrinoless double beta decay of xenon isotopes. In this talk, I will present our latest work on the double beta decay half-life limit established by PandaX-4T for Xe-136(-134), as well as the effort to utilize the spectral information of Xe-136 decay for NME and new physics analysis.

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