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No dark side to neutron decay

Wednesday, 26 June 2019 09:00 (30 minutes)

The question on the nature of dark matter is one of the major challenges of particle physics. So it is clear that the possibility of a dark decay channel as a solution to persisting discrepancies in measurements of the neutron lifetime using different techniques initiated massive research activity. In this presentation we will discuss recent results by PERKEO which largely rule out this interpretation.

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