Recent results on long-lived particles in ATLAS

Saturday 20 July 2024 15:38 (17 minutes)

Various theories beyond the Standard Model predict new, long-lived particles decaying at a significant distance from the collision point. These unique signatures are difficult to reconstruct and face unusual and challenging backgrounds. Signatures from displaced and/or delayed decays anywhere from the inner detector to the muon spectrometer are examples of experimentally demanding signatures. The talk will focus on the most recent results using pp collision data collected by the ATLAS detector.

Alternate track

I read the instructions above

Yes

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