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Searches for unusual signatures in leptonic/missing energy channels with the ATLAS detector

Monday 7 July 2025 15:00 (15 minutes)

Various theories beyond the Standard Model predict new, long-lived particles with unique signatures involving leptons or missing energy, which are difficult to reconstruct and for which estimating the background rates is also a challenge. These include displaced have neutral leptons, SUSY models involving displaced electron/muon pairs, heavy charged particles, and displaced vertices.. The talk will focus on the most recent results from ATLAS

Secondary track

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