Type: Exotic Searches at Colliders

Searches for new physics using leptons with the ATLAS detector

Thursday 28 August 2025 14:40 (15 minutes)

The Standard Model of Particle Physics explains many natural phenomena yet remains incomplete. Many new physics models (such as leptoquarks, W^{\prime}/Z^{\prime} , or heavy neutral leptons) could manifest in final states involving multiple leptons. This talk will summarise the latest results from ATLAS in searches involving final states with leptons.

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