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Physics Object Performance in CMS

Thursday 10 July 2025 10:00 (18 minutes)

The CMS experiment relies on high-precision reconstruction of particles to access a wide range of analyses. This talk presents recent developments in the reconstruction and performance of key objects using early Run 3 data. Advances include improved calibration techniques, machine learning-based identification, and improved pileup mitigation strategies.

Secondary track

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Session Classification: T11

Track Classification: T11 - Detectors