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Search for new physics with long-lived and unconventional signatures in CMS

Tuesday, 27 July 2021 16:00 (15 minutes)

Many extensions of the standard model predict new particles with long lifetimes or other properties, that give rise to non-conventional signatures in the detector. This talk discusses new techniques to detect such signatures in the CMS detector, and presents recent results from such searches in CMS using the full Run-II data-set of the LHC.

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