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Type: **Talk**

Search for long lived particles (CMS)

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Many scenarios beyond the standard model predict the existence of new particles with long lifetimes. These long-lived particles (LLPs) decay significantly displaced from their initial production vertex, leading to unconventional signatures within the detector. Dedicated data streams and innovative usage of the CMS detector are exploited in this context to significantly boost the sensitivity of such searches at CMS. We present the results of recent LLP searches obtained using data recorded by the CMS experiment during the completed Run-2 and the ongoing Run-3 of the LHC.

Internet talk

Yes

Is this an abstract from experimental collaboration?

Yes

Name of experiment and experimental site

CMS Collaboration

Is the speaker for that presentation defined?

Yes

Details

Daniel Guerrero (Fermi National Accelerator Laboratory)

Primary author: GUERRERO, Daniel (Fermi National Accelerator Lab. (US))

Presenter: GUERRERO, Daniel (Fermi National Accelerator Lab. (US))

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