

## **Searches for long-lived particles at CMS**

*Friday, 29 October 2021 16:00 (20 minutes)*

New particles with long lifetimes are introduced by many extensions to the standard model and would produce striking and non-conventional signatures in collider experiments such as long-lived charged particles, highly displaced jets, and particles that come to a rest within the detector and later decay. We present the results of several recent searches for long-lived particles with the CMS experiment in Run II of the LHC.

### **Please choose the session this abstract belongs to**

Particle physics

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**Session Classification:** Session 2