## TeV Particle Astrophysics 2017 (TeVPA 2017)



Contribution ID: 403 Type: Oral

## Search for long-lived particles at CMS

Tuesday 8 August 2017 16:45 (15 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.

Author: FRANCIS, Brian (Ohio State University (US))

Presenter: FRANCIS, Brian (Ohio State University (US))

Session Classification: Particle physics

Track Classification: Particle physics (energy frontier, intensity/precision frontier, other theory)