



Contribution ID: 119

Type: Talk

CMS searches for exotic signatures

Wednesday, July 12, 2023 9:30 AM (30 minutes)

Although the standard model (SM) of particle physics provides a remarkably accurate description of phenomena associated with the known elementary particles and their interactions, it leaves significant problems unresolved, which motivates a comprehensive program of searches for beyond-the-SM physics at high energy colliders. This talk presents searches in CMS for new phenomena in the final states with gluon, light and heavy flavor jets, leptons, and heavy bosons focusing on the recent results obtained using the full Run-II data-set collected at the LHC. Potential with the newly acquired Run-III data will be also discussed.

Is this abstract from experiment?

Yes

Name of experiment and experimental site

CMS CERN

Is the speaker for that presentation defined?

Yes

Details

Dr Eirini Tziaferi, NKUA (National and Kapodistrian University of Athens), Greece
<https://en.uoa.gr/>

Internet talk

No

Author: TZIAFERI, Eirini (National and Kapodistrian University of Athens (GR))

Presenter: TZIAFERI, Eirini (National and Kapodistrian University of Athens (GR))

Session Classification: High Energy Particle Physics

Track Classification: Main topics: High Energy Particle Physics