

A first discussion of 13 TeV results
April 10-15, 2016, Obergurgl University Center, Tirol, Austria

Contribution ID: 41 Type: Talk

Highlights of searches for new physics (non-SUSY) with CMS

Tuesday 12 April 2016 17:20 (20 minutes)

The Large Hadron Collider has restarted pp collisions at 13 TeV center of mass energy in June 2015. The CMS experiments have taken data at this new energy which allows greater reach in probing for physics beyond the Standard Model. Several results on searches for physics not associated with supersymmetric extensions of the Standard Model are presented. To give few examples, these extensions predict the existence of new massive resonances, contact interactions with non-resonant phenomena, and long-lived particles.

Primary author: SKHIRTLADZE, Nikoloz (Kansas State University (US))

Presenter: SKHIRTLADZE, Nikoloz (Kansas State University (US))

Session Classification: TUE1

Track Classification: TeV-scale new physics