

Dark Matter Results from the CMS experiment

Monday 10 June 2019 14:40 (40 minutes)

Searches for the production of dark matter are since several years a top priority at the CERN LHC. We present the landscape of dark matter searches at the LHC, and illustrate this with recent searches for dark matter in various final states with the CMS experiment. We focus on searches with invisible particles recoiling against standard model particles, and place this in the broader context of dark sectors, with an outlook towards the future.

Presenter: LOWETTE, Steven (Vrije Universiteit Brussel (BE))