

Searches for dark matter with CMS

Friday 19 July 2024 14:30 (17 minutes)

Determination of the nature of dark matter is one of the most fundamental problems of particle physics and cosmology. This talk presents recent searches for dark matter particles in mono-X final states from the CMS experiment at the Large Hadron Collider. The results are based on proton-proton collisions recorded at $\sqrt{s} = 13$ TeV with the CMS detector.

Alternate track

1. Beyond the Standard Model

I read the instructions above

Yes

Authors: CMS; WASSMER, Michael (KIT - Karlsruhe Institute of Technology (DE))

Presenter: WASSMER, Michael (KIT - Karlsruhe Institute of Technology (DE))

Session Classification: Dark Matter

Track Classification: 09. Dark Matter Detection