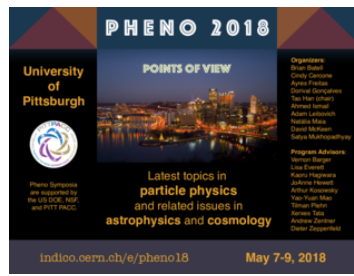


Phenomenology 2018 Symposium



Contribution ID: 599

Type: parallel talk

Dark Matter searches with the ATLAS Detector

Monday 7 May 2018 14:15 (15 minutes)

Many forms of experimental evidence point to the existence of Dark Matter within the universe. As of yet, however, it's particle nature has not been discovered. Presented will be an overview of run-2 searches for Dark Matter at the ATLAS detector. The focus of these studies are based on simplified signal models, moving away from the EFT based approach during run-1. An overview of such searches will be given, along with recent results and discussion as to the future of Dark Matter searches at ATLAS.

Summary

Author: BARNES, Sarah Louise (Shanghai Jiao Tong University (CN))

Presenter: BARNES, Sarah Louise (Shanghai Jiao Tong University (CN))

Session Classification: DM I