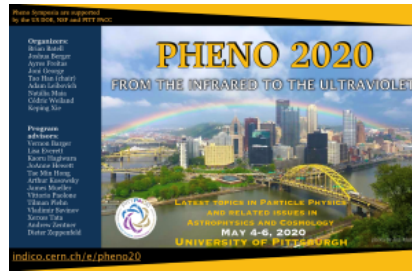


Phenomenology 2020 Symposium



Contribution ID: 966

Type: **Parallel Talk**

A universal framework for t-channel dark matter models

Monday 4 May 2020 16:30 (15 minutes)

We present a unique general framework allowing for all simulations relevant for simplified t-channel dark matter models at colliders and for the complementary cosmology calculations. We describe how to match next-to-leading-order QCD fixed-order calculations with parton showers to derive robust bounds and predictions in the context of LHC dark matter searches.

Summary

Author: FUKS, Benjamin (Centre National de la Recherche Scientifique (FR))

Presenter: FUKS, Benjamin (Centre National de la Recherche Scientifique (FR))

Session Classification: Tools

Track Classification: Tools & Software