

Phenomenology 2019 Symposium



Contribution ID: 663

Type: **parallel talk**

Portal Matter Model Building & Phenomenology

Tuesday 7 May 2019 16:45 (15 minutes)

I will discuss the collider and dark matter phenomenology of models of portal matter which is responsible for generating the kinetic mixing between the SM and the dark photon at 1-loop. Both top-down (based on the group $SU(8)$) and bottom-up model building approaches will be discussed.

Summary

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Session Classification: BSM IV