

(some) dark matter at (some) colliders (SIC)

The simplified models where dark matter is featured as part of a single electroweak multiplet (“minimal dark matter”) are under siege, except for the fermion doublet (Majorana), which corresponds to the pure Higgsino scenario in Supersymmetry. In this talk I will review the existing constraints on this model, and will discuss how future proton-proton colliders and electron-proton colliders can help to close the window on the last standing minimal dark matter model.

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