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Global perspectives on dark matter simplified models

Thursday 26 July 2018 15:50 (20 minutes)

We present the results of the first global likelihood study of Dark Matter Simplified Models (DMSMs) performed by the MasterCode collaboration, considering the case of spin-1 and spin-0 mediators. Our study includes the most important collider limits coming from searches at runs 1 and 2 of the LHC, as well as constraints coming from cosmological data and direct searches for dark matter.

This contribution is based on an upcoming article. It will presented by one of the members of the collaboration.

Parallel Session

Dark Matter, Astroparticle Physics

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Session Classification: Dark Matter, Astroparticle Physics