

A model of a dark matter from the Hubble tension and the core-cusp problem

Wednesday, March 25, 2020 11:50 AM (40 minutes)

In this talk, we propose a model for a dark matter (and dark sector) which is in complete decoupling with the Standard model sector. In an effort to identify DM's stability, mass and interaction type it does, we pay a special attention to two arguments that concern the Hubble tension and the core-cusp problem. Thereby, we aim at presenting a possibility of having a light decaying fermion DM which has both a theoretical and phenomenological appealing aspects.

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