

Multi-TeV (brane-world) dark matter: a mini overview

Thursday, 10 October 2019 14:00 (30 minutes)

We focus on the multi-TeV dark matter candidate among other weak interactive massive particles. We present both the state-of-the-art on this sub-field and recent sensitivity analyses for the Square Kilometer Array (SKA), the High Altitude Water Cherenkov (HAWC) and the Cherenkov Telescope Array (CTA). We present recent results for both model independent analyses and the particular case of a 50 TeV thermal branon dark matter candidate. We discuss open questions and experimental limitations.

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