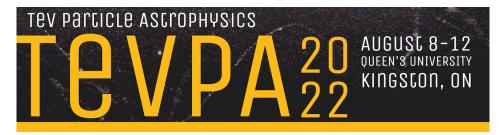
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The Status of the Galactic Center Excess

Monday 8 August 2022 16:10 (20 minutes)

A bright and statistically significant flux of GeV-scale gamma rays has been detected from the region surrounding the Galactic Center. While the spectrum, angular distribution, and intensity of this signal is consistent with the predictions of annihilating dark matter matter particles, it has also been suggested that these gamma rays could potentially be produced by a large population of millisecond pulsars. In this talk, I'll review the arguments for each of these interpretations, and discuss the current status of the hunt for the annihilation products of dark matter.

Collaboration name

Author: HOOPER, Dan (Fermilab/University of Chicago)Presenter: HOOPER, Dan (Fermilab/University of Chicago)Session Classification: Dark Matter

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