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Particle Astrophysics of the Galactic Center

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The centers of galaxies provide promising targets to search for the nature of dark matter, but only if astrophysical emissions can be well understood. I will discuss studies of the Milky Way galactic center in pursuit of dark matter signals. I will cover a tantalizing signal, the Fermi Galactic Center Excess, and highlight the importance of astrophysical modeling to establish its validity and implications for dark matter. I will finish with some promising directions for the future.

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