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A whirlwind tour of the Milky Way in gamma rays

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Observations have revealed a rich and diverse set of objects in the Milky Way capable of accelerating particles and emitting gamma rays. Pulsars and their wind nebulae are established as the dominant source classes in the GeV and TeV domains, respectively. Supernova remnants and compact binary systems are the other long-known source classes, with the most recent additions of globular clusters, massive star-forming regions, pulsar halos, and novae. In this presentation I will provide an overview of Galactic gamma-ray sources, with highlights on some recent results. I will also discuss tantalizing signals potentially related to dark-matter annihilation in the central regions of the Milky Way or to antistars.

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