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The Origin of the GeV Galactic Center Excess

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Studies of data from the Fermi Gamma-Ray Space Telescope have revealed bright gamma-ray emission from the central regions of our galaxy, with a spatial and spectral profile consistent with annihilating dark matter. However, recent model-independent analyses suggest that rather than originating from dark matter, the GeV excess may arise from a surprising new population of as-yet-unresolved gamma-ray point sources in the heart of the Milky Way. I will discuss the status of possible explanations for the excess, and prospects for the future.