What is the Source of the Galactic Center Gamma-Ray Excess?

Precision observations by the Fermi-LAT telescope have uncovered a significant gamma-ray excess emanating from the Galactic Center. This result is particularly exciting, since its spectrum and morphology match predictions from annihilating dark matter. However, several reasonable astrophysical explanations also exist, including emission from a yet-undiscovered population of gamma-ray pulsars. In this talk, I will discuss the current state of Fermi-LAT observations and theoretical models of the Galactic Center, focusing on recent and upcoming studies which may definitively determine the source of the gamma-ray excess.