

SEMINÁRIO DO PROGRAMA DE PÓS-GRADUAÇÃO EM FÍSICA

TÍTULO: “*Gamma-ray observations of Sagittarius A* and other massive black holes*”

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RESUMO: The Fermi telescope has been observing the sky in gamma-rays over the last decade. One particularly important target has been the nearest supermassive black hole: Sagittarius A* (Sgr A*), located at the center of the Milky Way. Sgr A* is a great laboratory to investigate the physical processes occurring in the vicinity of event horizons. After reporting on some recent scientific highlights of the Fermi mission, I will present an ongoing analysis by my group of ~10 years of Fermi Large Area Telescope observations (100 MeV - 300 GeV) of the point source likely associated with Sgr A*. I will also present Fermi LAT observations of a complete sample of nearby, low-luminosity active galactic nuclei. These observations are uniquely helping us to understand high-energy processes in nearby galactic nuclei.

LINK: meet.google.com/wyv-kxqn-rkr

Data: 28/04/2022, 5a-feira, às 17:30h