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An X-ray View of the Galactic Center: present and past Sgr A* high-energy activity

Thursday, 11 July 2024 17:00 (25 minutes)

I will present a review on the X-ray emission coming from the Galactic Center (GC), and in particular from the Central Molecular Zone, established from the results that have been obtained in the last 20 years with Chandra, XMM-Newton, INTEGRAL and other space observatories operating in the range 1-200 keV.

I will focus in particular on the emission that the GC super Massive Black Hole, Sgr A*, radiates presently in these energies, both persistently and in flaring mode, and on the results that indicate its higher activity in the past.

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