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Two decades of gamma-ray astronomy with INTEGRAL

Tuesday, 9 July 2024 15:00 (40 minutes)

The ESA INTEGRAL satellite, devoted to high resolution spectroscopy coupled to good imaging capabilities over a wide field of view in the 15 keV - 10 MeV range, was launched in October 2002. After more than two decades, its four instruments are still working well, and they provide unique capabilities in the study of high-energy phenomena.

In this talk I will give a brief overview of the main science achievements obtained with INTEGRAL.

These include important topics which were among the original motivation of this mission, as well as unexpected discoveries and significant results in unanticipated fields of current astrophysics.

Primary author: MEREGETTI, Sandro

Presenter: MEREGETTI, Sandro

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