

Pro ISSI Talk

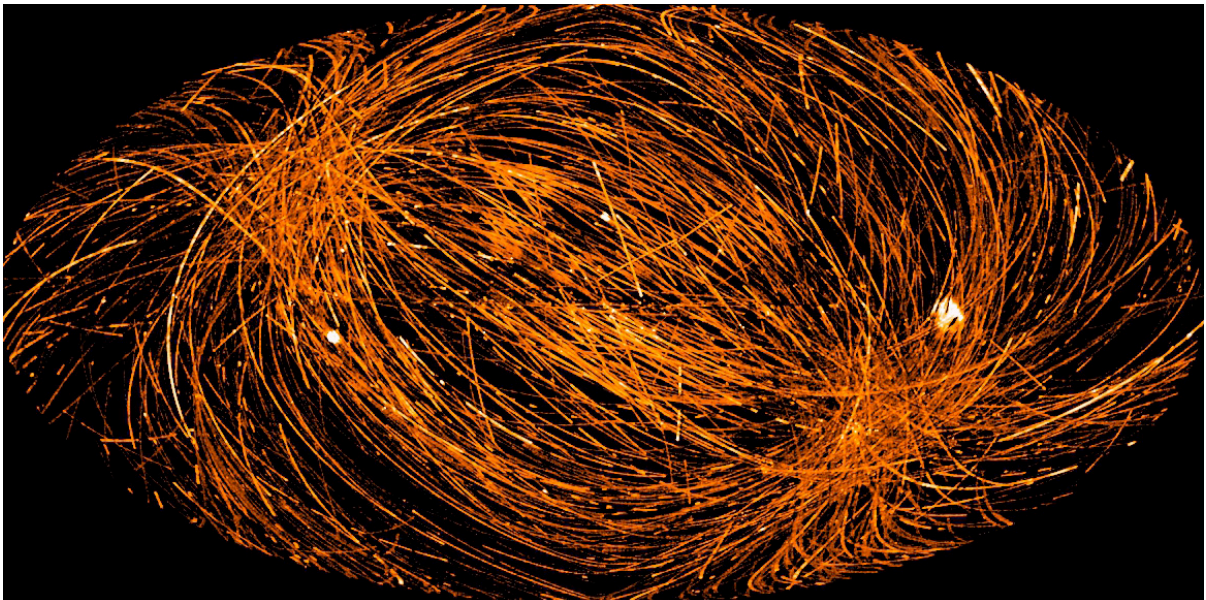
„Surprises in the Hard X-ray Sky“

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XMM-Newton X-ray slew tracks (Image Copyright: A. Read (University of Leicester)/ESA)

X-rays above some 10keV could not be focused until a very short time ago. Instruments to observe in this domain therefore used peculiar optical systems, not very sensitive, but with large fields of views.

INTEGRAL is such an instrument, much more sensitive than any predecessor. It has been 11 years in orbit and continues to provide excellent data. Over the years it allowed us to discover a number of unexpected phenomena in our Galaxy, but also beyond, revealing a rich set of physical processes at work in different types of sources.