

Studying the geometry of the emitting region in X-ray binaries using X-ray polarimetry

Thursday 10 October 2024 10:10 (30 minutes)

The launch of the Imaging X-ray Polarimetry Explorer (IXPE) in Dec 2021 opened a new era in the study of compact astrophysical objects. For unresolved sources, polarimetry is the only way to learn about the source geometry. In this talk, I will highlight the progress made thanks to IXPE in understanding the geometry and physics of emitting regions in accreting black holes and neutron stars.

Author: POUTANEN, Juri

Presenter: POUTANEN, Juri

Session Classification: X-ray polarimetry and spectroscopy