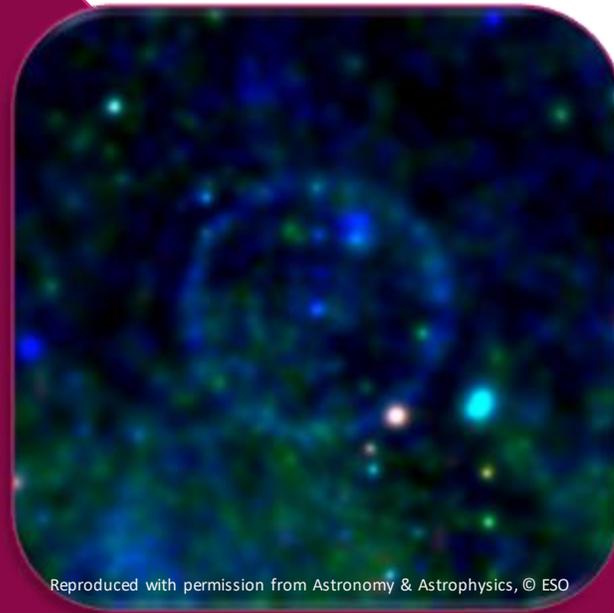




Axel Schwope

Organization: Leibniz-Institute for Astrophysics Potsdam (AIP)

Position: Coordinator for AIP Group Head X-ray astronomy



Axel is an observational multi-wavelength astronomer at the AIP and associated professor at the University Potsdam (Germany). He is co-investigator of the XMM-Newton Survey Science Centre, of the eROSITA X-ray telescope on the Spektrum-Roentgen-Gamma mission, which scans the entire X-ray sky since 2019. He is chairing or co-chairing the working groups 'Compact Objects' in the eROSITA and the SDSS-5 collaborations, and work package manager for the 'Enhanced Stacked Catalogue' in the XMM2ATHENA project. His science focuses on compact objects, like accreting white dwarfs and isolated neutron stars in our own galaxy or ultra-luminous X-ray sources in external galaxies.

Within the XMM2ATHENA project the data obtained over more than two decades with the ESA flagship observatory XMM-Newton will be exploited to its limits in various dimensions. What began some 25 years ago with the systematic and homogeneous analysis of all public XMM-Newton observations will be lifted to a new level by stacking the data, by providing multi-wavelength associations, by variability and spectral studies, all under one umbrella, to the benefit of the whole community.