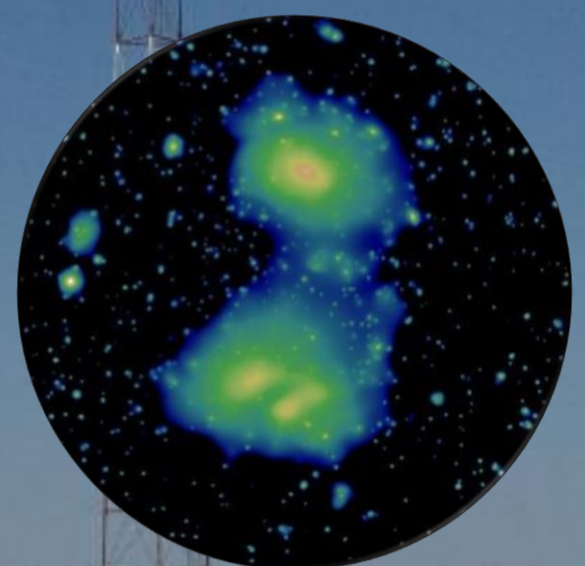
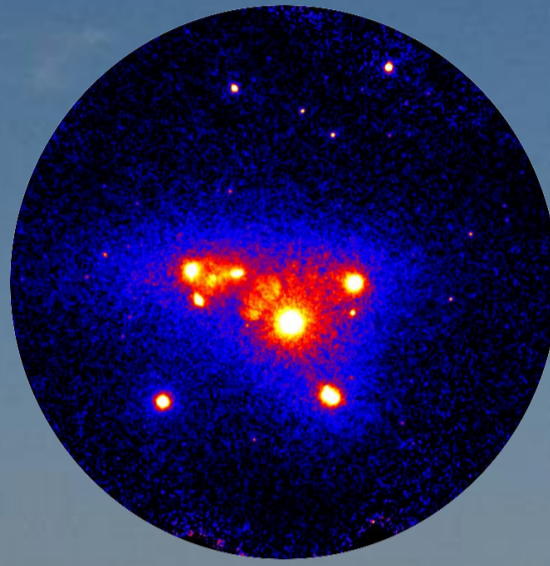
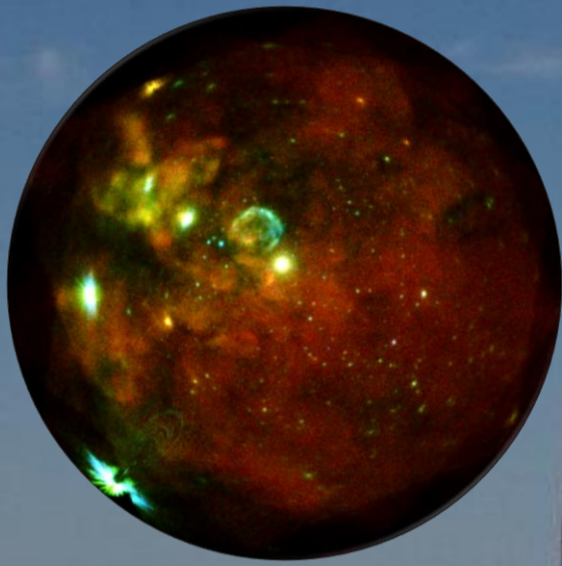


Mapping the X-ray sky with SRG: First results from eROSITA and ART-XC



TOPICS

Galaxy clusters and cosmology

Physical properties of clusters and groups of galaxies • Large scale structure of the Universe • Clusters as cosmological tools

Active galactic nuclei

Evolution and properties of the AGN population • Quasars at high redshift • AGN as tracers of large scale structure

Galactic compact objects, stars and planets

X-ray emission from planets and comets • X-ray stellar populations of the Milky Way • Cataclysmic variables and X-ray binaries • Isolated neutron stars • ULX and X-ray sources in nearby galaxies

The Transient X-ray sky

Tidal Disruption Events • Gamma-ray bursts and afterglows • Galactic X-ray transients

Diffuse X-ray emission

Cosmic X-ray background and its fluctuations • Galactic Ridge X-ray Emission • Hot ISM in the Milky Way, LMC and SMC • Supernova remnants

Synergy with multi-wavelength surveys

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EXTERNAL* INVITED SPEAKERS

B. Benson (Univ. of Chicago), A. Coil (UC San Diego), J. Drake (Harvard Univ.), R. Hickox (Dartmouth College), P. Jonker (SRON), E. Kara (MIT), M. Kowalski (DESY), B. Lehmer (Univ. of Arkansas), L. Lopez (Ohio State Univ.), T. Maccarone (Texas Tech Univ.), D. Nagal (Yale Univ.), P. Natarayan (Yale Univ.), L. Oskinova (Potsdam Univ.), R. van Weeren (Leiden Univ.)

Research Campus, Garching, Germany

March 16-20, 2020

*For more information and registration see:

<https://events.mpe.mpg.de/event/SRG2020/>