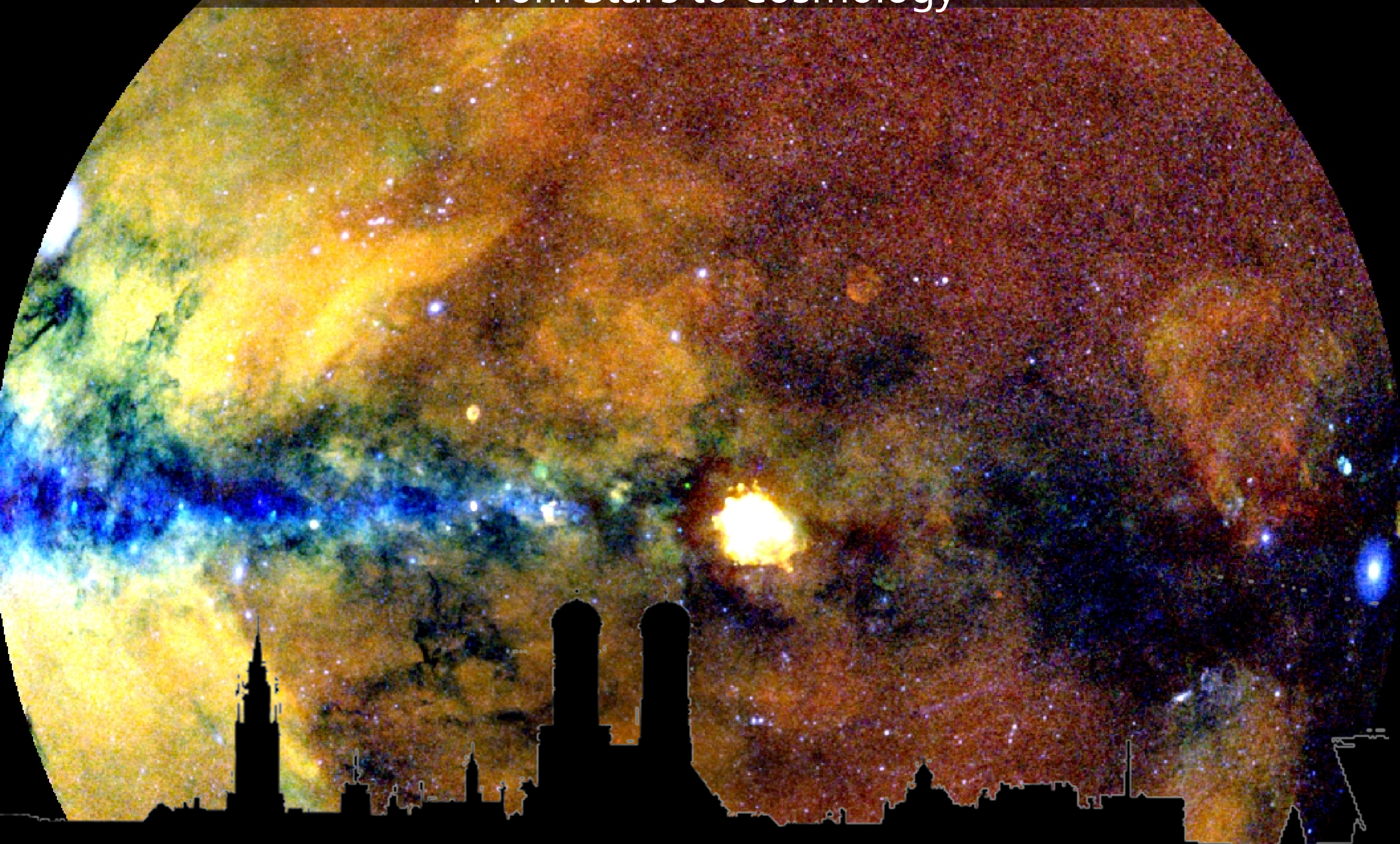




First results from the SRG/eROSITA All-sky Survey

From Stars to Cosmology



TOPICS

Galaxy clusters and cosmology

Physical properties of distant and nearby galaxy clusters, scaling relations • Clusters as tracers of the large scale structure of the Universe • Tests of Cosmological models with cluster statistics • Theory and simulations of structure formation

Active galactic nuclei and galaxy evolution

Evolution and properties of the AGN population • AGN as tracers of large scale structure • Extreme sub-populations (high-redshift, high-luminosity)

Galactic compact objects, stars and planets

Active stars: physics and population studies • 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 • Quasi Periodic Eruptions • Gamma-ray bursts and afterglows • Galactic X-ray transients • Gravitational waves and other multi-messenger counterparts

Diffuse X-ray emission

Heliosphere • Hot plasma in the Milky Way, LMC & SMC • The Circum-Galactic Medium • Supernova Remnants • High-energy processes in the solar neighborhood

Synergy with multi-wavelength & multi-messenger probes

INVITED SPEAKERS

Jeremy Drake (CfA) • Franz Bauer (PUC) • Peter Jonker (SRON)
Irina Zhuravleva (Univ Chicago) • Matteo Costanzi (INAF)
Eleonora Troja (Uni Roma) • James Aird (Edinburgh Univ)
Juna Kollmeier (CITA) • James Miller-Jones (Curtin Univ)
Annalisa Pillepich (MPIA) • Gus Evrard (Univ Michigan)
Chandreyee Maitra (MPE) • Katja Poppenhäger (AIP)
Natalie Webb (IRAP) • Gus Evrard (Univ Michigan)
Francois Mernier (NASA) • Richard Saxton (ESA)
Riccardo Arcodia (MIT) • Gabriele Ponti (INAF)

SCIENTIFIC ORGANIZING COMMITTEE

co-chairs: J. Buchner (MPE) • E. Bulbul (MPE)
X. Barcons (ESO) • C. Garraffo (CfA) • G. Hasinger (DZA)
A. Hornschemeier (NASA/GSFC) • A. Merloni (MPE)
T. Maccarone (Texas Tech Univ) • K. Nandra (MPE)
P. Predehl (MPE) • A. Rau (MPE) • E. Sadler (Sydney Univ)
M. Sasaki (FAU) • A. Schwobe (AIP) • J. Steiner (CfA)
B. Stelzer (IAAT) • M. Urry (Yale Univ) • M. Voit (MSU)
A. von der Linden (Stony Brook Univ) • J. Wilms (FAU)

LOCAL ORGANIZING COMMITTEE

M. Salvato (MPE, chair) • E. Artis (MPE) • P. Baldini (MPE)
B. Boller (MPE) • Z. Igo (MPE) • S. Friedrich (MPE)
C. Aydar (MPE) • Y. Zhang (MPE)

**RESEARCH CAMPUS,
GARCHING, GERMANY**
September 15-20, 2024

For information and registration see:
<https://events.mpe.mpg.de/event/>