

The X-ray Universe 2023 - Programme

Tuesday, 13 June 2023

08:00-09:00	Registration		
Plenary Session: Invited Talks		Room: Auditorium	Chair: Norbert Schartel
09:00	<i>Opening & Welcome</i>		
09:30	<i>Wibisono, Affelia</i>	X-raying our Solar System	
10:00	<i>Pillitteri, Ignazio</i>	X-rays observations of stars with planets.	
10:30	<i>Stelzer, Beate</i>	An updated X-ray view of cool stars	
11:00-11:30	Coffee Break & Poster Viewing		
			Chair: Adam Ingram
11:30	<i>Nazé, Yaël</i>	Hot news on hot stars	
12:00	<i>Webb, Natalie</i>	XMM2ATHENA, the H2020 project to improve XMM-Newton analysis software and prepare for Athena	
12:30	<i>Ponti, Gabriele (online)</i>	Revolutionising our view of the hot phase of the Milky Way with XMM and eROSITA	
13:00-14:30	Lunch Break		

Parallel Session: Contributed Talks (Tue, June 13)		Room: Auditorium	Chair: Claudio Ricci
Session: AGN I			
14:30	<i>Middei, Riccardo</i>	<i>The origin of the soft-excess in AGN: still an unanswered question?</i>	
14:45	<i>Gianolli, Vittoria Elvezia</i>	Uncovering the geometry of the hot X-ray corona in the Seyfert galaxy NGC4151	
15:00	<i>Bertola, Elena</i>	About the X-ray coronae of high-luminosity AGN: the case of APM 08279+5255	
15:15	<i>Tagliacozzo, Daniele</i>	X-ray polarization simulations to infer the geometry of hot coronae in AGN	
15:30	<i>Jiang, Jiachen (online)</i>	The Awakening Beast in the Seyfert 1 Galaxy KUG 1141+371	
15:45	<i>Giustini, Margherita</i>	<i>The remarkable quasi-periodic eruptions in RX J1301.9+2747</i>	
16:00	<i>Brogan, Roisin</i>	Still alive and kicking: a significant outburst in changing-look AGN Mrk 1018	
16:15	<i>Kammoun, Elias</i>	The first X-ray look at the most luminous quasar in the last 9 Gyr	
16:30-17:00	Coffee Break & Poster Viewing		
Parallel Session: Contributed Talks (Tue, June 13)		Room: Auditorium	Chair: Lucia Ballo
Session: AGN II			
17:00	<i>Ursini, Francesco</i>	X-ray polarimetry of the torus in the Circinus Galaxy	
17:15	<i>Vander Meulen, Bert</i>	Dissecting the active galactic nucleus in Circinus in X-rays	
17:30	<i>Buchner, Johannes</i>	<i>Can we measure the host galaxy mass of Seyfert 1?</i>	
17:45	<i>Sengupta, Dhrubojyoti</i>	X-ray Vision on Local Obscured AGN	
18:00	<i>Marinucci, Andrea</i>	<i>Hot coronae in AGN explored via X-ray polarimetry</i>	
18:15	<i>Jiang, Jiachen (online)</i>	<i>A Highly Accreting Low-Mass Black Hole Hidden in the Dust</i>	

Parallel Session: Contributed Talks (Tue, June 13)		Room: Reception hall	Chair: Sebastien Guillot
Session: Isolated Neutron Stars & Binaries			
14:30	<i>Kalopotharakos, Constantinos</i>	Toward Self-Consistent Constraints on Pulsar Mass, Radius, and Magnetic Field Structure Through Nicer and Fermi	
14:45	<i>Kurpas, Jan</i>	Expanding the X-ray dim isolated neutron star population with the SRG/eROSITA All-Sky Survey	
15:00	<i>Fiori, Alessio</i>	An X-ray phase shift in the variable gamma-ray pulsar PSR J2021+4026	
15:15	<i>Ibrahim, Abubakr</i>	The first outburst of the young radio-loud magnetar Swift J1818.0--1607	
15:30	<i>Mancini Pires, Adriana</i>	Serendipitous isolated neutron star candidates from the 4XMM-DR9 and 4XMM-DR12 catalogues	
15:45	<i>Igoshev, Andrei (online)</i>	Three-dimensional numerical simulations of ambipolar diffusion in NS cores.	
16:00	<i>Uchida, Nagomi</i>	25-year trends for the persistent emission of magnetar SGR 1806-20	
16:15	<i>Vurgun, Eda</i>	New Chandra insights into the neutron star population of M28	
16:30-17:00	Coffee Break & Poster Viewing		
Parallel Session: Contributed Talks (Tue, June 13)		Room: Reception Hall	Chair: Adriana Mancini Pires
Session: White Dwarf, Neutron Star, and Black Hole Binaries I			
17:00	<i>Dias, Sachin</i>	The X-ray spectrum of MAXI J1820+070: addressing black hole spin through Bayesian modelling	
17:15	<i>Vahdat, Armin</i>	The puzzling X-ray pulsations of the middle-aged pulsar B1055-52	
17:30	<i>Muñoz Giraldo, Daniela</i>	New X-ray detections of magnetic period-bounce cataclysmic variables from XMM-Newton and SRG/eROSITA	
17:45	<i>Coti Zelati, Francesco</i>	Matter ejections behind the highs and lows of a transitional millisecond pulsar	
18:00	<i>Parra, Maxime</i>	The current state of disk wind observations in BHLMBs through X-ray absorption lines in the iron band	
18:15	<i>Kuulkers, Erik (online)</i>	Cygnus X-1's fast X-ray variability behaviour in the 70s revisited: never throw away old data!	

Parallel Session: Contributed Talks (Tue, June 13)		Room: Meeting Hall	Chair: Yael Naze
Session: Life-cycle of stars and planets I			
14:30	<i>Dennerl, Konrad</i>	SRG/eROSITA and the first ever clear view of the soft diffuse X-ray sky	
14:45	<i>Ishi, Daiki</i>	Modeling of solar wind charge exchange emission from the Earth's magnetosphere and exosphere	
15:00	<i>Ilin, Ekaterina</i>	High-latitude flares on rapidly rotating M dwarfs - a special corona?	
15:15	<i>Magaudda, Enza</i>	X-ray variability of Proxima Centauri	
15:30	<i>Joseph, Wilhelmina Maryann</i>	Simultaneous X-ray and optical variability of M dwarfs observed with eROSITA and TESS	
15:45	<i>Hamaguchi, Kenji</i>	Delayed Soft X-ray Glow at the Magnetic Loop Footpoints in Two Superflares from the Sun-like Star, κ^1 Ceti	
16:00	<i>Miyamoto, Asca</i>	Understanding the physical state of hot plasma formed through stellar wind collision in WR140 using high-resolution X-ray spectroscopy	
16:15	<i>Islam, Nazma</i>	Effects of non-equilibrium collisional plasma on the X-ray emission from the RS Ophiuchi during its recent eruption	
16:30-17:00	Coffee Break & Poster Viewing		
Parallel Session: Contributed Talks (Tue, June 13)		Room: Meeting Hall	Chair: Konrad Dennerl
Session: Life-cycle of stars and planets II			
17:00	<i>Anastasopoulou, Konstantina</i>	The EWOCs view of the unique population of Wolf-Rayet stars in Westerlund 1	
17:15	<i>Flaccomio, Ettore</i>	Spatial and dynamical structure of the NGC2264 star-forming region	
17:30	<i>Tiengo, Andrea</i>	The X-ray rings of the brightest gamma-ray burst: tomography of the Galaxy and reconstruction of its soft X-ray emission	
17:45	<i>De Luca, Andrea (presenter: Martino Marelli, online)</i>	XMM-Newton/EPIC detects the prompt emission of the bright GRB221009A	
18:00	<i>Sun, Lei</i>	Completing the X-ray view of SN 1987A	
18:15	<i>Giuffrida, Roberta</i>	Detection of a fast ejecta fragment in the atomic cloud interacting with the southwestern limb of SN 1006	

Parallel Session: Contributed Talks (Tue, June 13)		Room: Conference Hall	Chair: Smita Mathur
Session: From Galaxies to Superclusters I			
14:30	<i>Psaradaki, Ioanna</i>	Interstellar dust mineralogy in the X-ray regime	
14:45	<i>Costantini, Elisa (online)</i>	Interstellar Dust seen at high X-ray resolution in the star-forming region hosting Cyg X-1	
15:00	<i>Das, Sanskriti (online)</i>	From macro to micro: constraining turbulence in the hot circumgalactic medium of the Milky Way using X-ray absorption	
15:15	<i>Yeung, Michael C. H.</i>	The diffuse soft X-ray foreground revealed by giant molecular clouds	
15:30	<i>Anastasopoulou, Konstantina</i>	Study of the excess Fe XXV line emission in the central degrees of the Galactic centre using XMM-Newton data	
15:45	<i>Locatelli, Nicola</i>	The Milky Way hot circumgalactic medium as seen by eROSITA	
16:00	<i>Gupta, Anjali</i>	Holistic View of the Milky Way Diffuse X-ray Emission: The Enigmatic eROSITA Bubbles and the Extended Halo	
16:15	<i>Bartalucci, Iacopo</i>	CHEXMATE: constraining the origin of the scatter in galaxy cluster radial X-ray surface brightness profiles	
16:30-17:00	Coffee Break & Poster Viewing		
Parallel Session: Contributed Talks (Tue, June 13)		Room: Conference Hall	Chair: Silvano Molendi
Session: From Galaxies to Superclusters II			
17:00	<i>Zheng, Xueying (online)</i>	<u>SRG/eROSITA maps of the soft X-ray emission lines</u>	
17:15	<i>Mathur, Smita</i>	The Circumgalactic Medium: triumphs and challenges	
17:30	<i>Zhang, Yi</i>	Population study of hot gas around $z < 0.1$ galaxies with eROSITA	
17:45	<i>Vladutescu-Zopp, Stephan</i>	X-ray predictions from Hydrodynamic Cosmological Simulations	
18:00	<i>Nicastro, Fabrizio</i>	Detection of the Galaxy's Missing Baryons in the CGM of three L^* Galaxies	
18:15	<i>Tubín, Dusan</i>	Discovery of the lensed quasar 1eRASS-J050129.5-073309 with SRG/eROSITA, Gaia, and NTT/EFOSC2	

Wednesday, 14 June 2017

Plenary Session: Invited Talks		Room: Auditorium	Chair: Celia Sánchez Fernandez
09:00	<i>Sasaki, Manami</i>	Supernova remnants, interstellar medium, and the diffuse X-ray emission in galaxies	
09:30	<i>Gendreau, Keith (online)</i>	NICER: Astrophysics from the International Space Station	
10:00	<i>Guillot, Sebastien</i>	Studying nuclear physics with X-ray observations of neutron stars	
10:30	<i>Rea, Nanda (online)</i>	Magnetized neutron stars and the transient multi-band sky	
11:00-11:30	Coffee Break & Poster Viewing		
Chair: Paul Nandra			
11:30	<i>Ingram, Adam</i>	X-ray variability & reverberation	
12:00	<i>Armas Padilla, Montserrat</i>	A lustrum of discoveries in X-ray binaries: from the most luminous transients to ultra-compact systems.	
12:30	<i>Matt, Giorgio</i>	Results from the Imaging X-ray Polarimetry Explorer	
13:00-14:30	Lunch Break		

Parallel Session: Contributed Talks (Wed, June 14)		Room: Auditorium	Chair: Delphine Porquet
Session: AGN III			
14:30	<i>Wevers, Thomas (online)</i>	Live to die another day: the rebrightening of AT2018fyk as a repeating partial tidal disruption event	
14:45	<i>Zuobin, Zhang</i>	The Low Temperature Corona in ESO 511–G030 Revealed by NuSTAR and XMM-Newton	
15:00	<i>Xu, Yerong</i>	Ultra-fast outflows response in highly-accreting narrow line Seyfert 1 galaxies	
15:15	<i>Tortosa, Alessia</i>	Deep investigation of X-ray winds in super-Eddington sources	
15:30	<i>Baldini, Pietro</i>	The Wind-Driven X-ray Variability of 2MASS 0918+2117	
15:45	<i>Giustini, Margherita</i> PG 1126-041	Coordinated X-ray and UV absorption within the accretion disk wind of the active galactic nucleus	
16:00	<i>Papadakis, Iossif</i>	Time-resolved, broad band SED modelling of NGC 5548	
16:15	<i>Noda, Hirofumi</i>	Narrow Fe-K α reverberation mapping reveals the presence of a deactivated broad-line region in a changing-state AGN	
16:30-17:00	Coffee Break & Poster Viewing		
Parallel Session: Contributed Talks (Wed, June 14)		Room: Auditorium	Chair: Ehud Behar
Session: AGN IV			
17:00	<i>Panagiotou, Christos</i>	Reproducing the UV/optical variability of AGN	
17:15	<i>Kumar, Shrabani (online)</i>	Far UV spectroscopy of AGN using AstroSat/UVIT	
17:30	<i>Gupta, Kriti Kamal</i>	X-Ray Bolometric Corrections from a Large Multi-Wavelength Study of Nearby Unobscured AGN	
17:45	<i>Massaro, Francesco</i>	X-raying the Southern Radio Sky in the SKA era	
18:00	<i>Igo, Zsofi</i>	A comparison of the X-ray- and radio-detected AGN population with eROSITA and LOFAR	
18:15	<i>Lanzuisi, Giorgio</i>	The powerful, multi-phase Ultra Fast Outflow in IRAS F11119+3257	

Parallel Session: Contributed Talks (Wed, June 14)		Room: Reception Hall	Chair: Manami Sasaki
Session: White Dwarf, Neutron Star and Black Hole Binaries II			
14:30	<i>Martinez-Galarza, Rafael</i>	New avenues for multi-messenger discoveries in high energy astrophysics	
14:45	<i>Behar, Ehud</i>	Density and abundance diagnostics of photo-ionized plasmas: New results for GRO J1655-40	
15:00	<i>Mall, Gitika (online)</i>	Impact of ionization and electron density gradients in X-ray reflection spectroscopy measurements	
15:15	<i>Manousakis, Antonios</i>	The accreting environment around the sg-HMXB IGR J18027-2016 through X-ray wind tomography.	
15:30	<i>Dutta, Anirban</i>	Studying the accretion physics of asynchronous polars using broadband X-ray data	
15:45	<i>Sharma, Rahul</i>	Intriguing nature of CV candidate CXOU J204734.8+300105	
16:00	<i>Devaraj, Ashwin</i>	A study of the Cyclotron line in XTE J1946+274 through the 2018 and 2021 outbursts using NuSTAR, Astrosat and HXMT	
16:15	<i>Torregrosa, Álvaro (presenter: Jose Rodes Roca)</i>	Unveiling the characteristics of the GX 301-2 pre-periastron flare as seen by MAXI	
16:30-17:00	Coffee Break & Poster Viewing		
Parallel Session: Contributed Talks (Wed, June 14)		Room: Reception Hall	Chair: Montserrat Armas Padilla
Session: White Dwarf, Neutron Star and Black Hole Binaries III			
17:00	<i>Liu, Honghui</i>	High-density reflection spectroscopy of black hole X-ray binaries in the hard state	
17:15	<i>Herrera, Yago</i>	Mass-loss and composition of wind ejecta in type I X-ray bursts	
17:30	<i>Ferrigno, Carlo (online)</i>	Pulse profile diagnostics in high-mass-X-ray-binary neutron stars	
17:45	<i>Abalo, Luis</i>	Absorption variability of Vela X-1: long-term monitoring study in the 2--10 keV energy band	
18:00	<i>Kaltenbrunner, David</i>	The population of high-mass X-ray binaries in the LMC detected during the first eROSITA all-sky survey	
18:15	<i>Maitra, Chandreyee</i>	Supersoft X-ray sources as progenitors of Type Ia supernovae in the Large Magellanic Cloud	

Parallel Session: Contributed Talks (Wed, June 14)		Room: Meeting Hall	Chair: Francisco Carrera
Session: Current & Future Missions			
14:30	<i>Schartel, Norbert</i>	XMM-Newton: Scientific Strategy and Prospects	
14:45	<i>García, Javier (presenter: Dominic Walton)</i>	The High Energy X-ray Probe (HEX-P)	
15:00	<i>Zezas, Andreas</i>	The next frontier in galaxy surveys: monitoring and wide area surveys with STAR-X	
15:15	<i>Sisk-Reynes, Julia M.</i>	Constraining Physics Beyond the Standard Model with Current and Future X-ray Observatories: A case for Axion-Like Particles	
15:30	<i>Amati, Lorenzo</i>	Cosmology, fundamental physics and and Multi-Messenger Astrophysics with next generation GRB missions	
15:45	<i>Meyer, Eileen</i>	Advanced X-ray Imaging Satellite (AXIS)	
16:00	<i>Bender, Viktor (presenter: Marcus Kirsch)</i>	Analysis of minimum ionising particles and soft protons using XMM-Newton EPIC pn-CCD as a particle detector	
16:30-17:00	Coffee Break & Poster Viewing		

Parallel Session: Contributed Talks (Wed, June 14)		Room: Meeting Hall	Chair: Beate Stelzer
Session: Life-cycle of stars and planets III			
17:00	<i>Knies, Jonathan</i>	Large nearby supernova remnants in eROSITA	
17:15	<i>Camilloni, Francesco</i>	SRG/eROSITA and XMM-Newton observations of Vela Jr	
17:30	<i>Mayer, Martin</i>	Characterizing thermal and nonthermal X-ray emission in the Vela supernova remnant with SRG/eROSITA	
17:45	<i>Weng, Jianbin</i>	Likely Ca-rich Transient Origin of Galactic SNR G306.3-0.9 Revealed by X-ray Spectroscopy	
18:00	<i>Godinaud, Leila</i>	Study of Tycho SNR's asymmetries with three-dimensional velocity vector field	
18:15	<i>Zangrandi, Federico</i>	Statistical study of SNRs in the Large Magellanic Cloud with eROSITA Survey	

Parallel Session: Contributed Talks (Wed, June 14)		Room: Conference Hall	Chair: Ivan Valtchanov
Session: From Galaxies to Superclusters III			
14:30	<i>Lehmer, Bret</i>	X-ray Binary Population Luminosity Functions in Galaxies and their Dependence on Star-Formation History and Metallicity	
14:45	<i>Svoboda, Jiri (presenter: Konstantinos Kouroumpatzakis)</i>	X-ray emission of extremely star-forming dwarf galaxies	
15:00	<i>Shreeram, Soumya</i>	Modelling the X-ray emission of Milky Way analogs embedded in large-scale structures	
15:15	<i>Kyritsis, Elias</i>	The first unbiased survey of star-forming galaxies with eROSITA: Scaling relations and a population of X-ray luminous starbursts	
15:30	<i>Haberl, Frank</i>	eROSITA and the Magellanic System	
15:45	<i>Stel, Giovanni</i>	Iron Ka echoes from the Circumnuclear Disk orbiting Sgr A*	
16:00	<i>O'Sullivan, Ewan</i>	Cooling and AGN feedback in Galaxy Groups	
16:15	<i>Mernier, Francois</i>	Robust discovery of diffuse inverse-Compton emission in a galaxy group	
16:30-17:00	Coffee Break & Poster Viewing		

Parallel Session: Contributed Talks (Wed, June 14)		Room: Conference Hall	Chair: Francois Mernier
Session: From Galaxies to Superclusters IV			
17:00	<i>Zhang, Congyao</i>	Buoyant Bubbles in Galaxy Clusters and their Role in Shaping Cluster Cores	
17:15	<i>Gatuzz, Efrain</i>	Sloshing, merging and feedback velocities in the ICM	
17:30	<i>Liu, Ang</i>	The catalog of galaxy clusters and superclusters from the first eROSITA All-Sky Survey	
17:45	<i>Zhang, Xiaoyuan</i>	Characterizing X-ray emission from cosmic web filaments using the data from the eROSITA All-Sky Survey	
18:00	<i>Bahar, Emre</i>	AGN feedback imprints on the thermodynamical gas properties of galaxy groups detected by eROSITA	
20:00-23:00	Conference Dinner: Restaurant Hermion		

Thursday, 15 June 2017

Plenary Session: Invited Talks		Room: Auditorium	Chair: Iossif Papadakis
09:00	<i>Porquet, Delphine</i>	High-resolution X-ray spectroscopy of AGN	
09:30	<i>Kara, Erin (online)</i>	AGN STORM 2: The Multi-Wavelength Reverberation Mapping Campaign of Mrk 817	
10:00	<i>Ricci, Claudio</i>	Changing-look Active Galactic Nuclei	
10:30	<i>Miniutti, Giovanni</i>	X-ray Quasi-Periodic Eruptions (QPEs)	
11:00-11:30	Coffee Break & Poster Viewing		
			Chair: Maria Santos-Lleo
11:30	<i>Salvato, Mara</i>	eROSITA insights on the hot and energetic Universe.	
12:00	<i>Zappacosta, Luca</i>	A new regime for the X-ray nuclear properties of the first quasars	
12:30	<i>Brandt, Niel (presenter: Qingling Ni)</i>	The XMM-SERVS Survey of the LSST Deep-Drilling Fields	
13:00-14:30	Lunch Break		

Parallel Session: Contributed Talks (Thu, June 15)		Room: Auditorium	Chair: Elisabeta Lusso
Session: AGN V			
14:30	<i>Luminari, Alfredo</i>	TEPID: Time Evolving Photoionisation with Current and Future X-ray Telescopes	
14:45	<i>Mao, Junjie</i>	Multi-wavelength observations of the obscuring wind in the radio-quiet quasar MR 2251-178	
15:00	<i>Thimmappa, Rameshan</i>	Chandra study of the Proper Motion of HST-1 in the Jet of M87	
15:15	<i>Gudiño Yáñez, Miriam</i>	X-ray analysis of type 1 Seyfert galaxies with polar-polarization	
15:30	<i>Juranova, Anna</i>	A panchromatic view of the broad line region of a narrow-line Seyfert 1	
15:45	<i>Rogantini, Daniele (online)</i>	Wind of Change: Unveiling the power of outflows in Mrk 335 through time-dependent photoionization modeling	
16:00	<i>Lanzuisi, Giorgio</i>	SUBWAYS, first results: Ultra-fast outflows in QSOs beyond the local Universe	
16:15	<i>Waddell, Sophia</i>	Disc winds and soft excesses in eROSITA AGN	
16:30-17:00	Coffee Break & Poster Viewing		
Parallel Session: Contributed Talks (Thu, June 15)		Room: Auditorium	Chair: Stephane Paltani
Session: AGN VI			
17:00	<i>Piconcelli, Enrico</i>	The realm of the most luminous quasars in the Universe	
17:15	<i>Tortosa, Alessia</i>	X-ray variability properties of the BASS unobscured AGN from XMM-Newton observations.	
17:30	<i>Vito, Fabio</i>	X-ray and UV lightcurves of a strongly variable QSO at cosmic dawn	
17:45	<i>Ricci, Federica</i>	The near-infrared view of the BLR in X-ray selected local AGN: BASS DR2	
18:00	<i>Cann, Jenna</i>	Exploring the X-ray Properties of Low Metallicity Galaxies	
18:15	<i>Sisk-Reynes, Julia M.</i>	A Bayesian Study of Supermassive Black Hole Spins across mass scales	

Parallel Session: Contributed Talks (Thu, June 15)		Room: Conference Hall	Chair: Felix Fürst
Session: White Dwarf, Neutron Star and Black Hole Binaries IV			
14:30	<i>Galloway, Duncan</i>	The role of steady nuclear burning for type-I bursts and superbursts	
14:45	<i>Papitto, Alessandro</i>	Synergic X-rays and optical eyes tackle the challenge of millisecond pulsars	
15:00	<i>Krawczynski, Henric (presenter: Jiri Svoboda)</i>	Spectro-polarimetric results of Cyg X-1 in the hard state	
15:15	<i>Muleri, Fabio</i>	The IXPE observation of Cyg X-3	
15:30	<i>O'Neill, Patrick</i>	The spin down evolution of the transitional millisecond pulsar PSR J1023+0038 across the 2013 state transition.	
15:45	<i>Borghese, Alice</i>	A global view of ultra-compact X-ray binaries	
16:00	<i>Podgorny, Jakub</i>	The first X-ray polarimetric observation of LMC X-1	
16:15	<i>Illiano, Giulia</i>	The accreting millisecond pulsar SAX J1808.4-3658 during its 2022 outburst: hints of an orbital shrinking	
16:30-17:00	Coffee Break & Poster Viewing		
Parallel Session: Contributed Talks (Thu, June 15)		Room: Conference Hall	Chair: Alessandro Papitto
Session: White Dwarf, Neutron Star and Black Hole Binaries V			
17:00	<i>Kosec, Peter</i>	<i>The vertical disk wind structure of Hercules X-1 in the Main High and Short High states</i>	
17:15	<i>Álvarez-Hernández, Ayoze (online)</i>	<i>Testing white dwarf X-ray masses in intermediate polars with dynamical studies</i>	
17:30	<i>Diez, Camille</i>	From stellar winds in neutron star high-mass X-ray binaries to constraining the equation of state of dense matter	
17:45	<i>Ansar Mohideen, Aafia Zainab</i>	<i>Probing the quiescent behaviour of Galactic X-ray Binaries with eROSITA</i>	
18:00	<i>López-Barquero, Vanessa</i>	<i>Low-Frequency QPOs, Self-Oscillations, and the Corona</i>	
18:15	<i>Mandel, Shifra (online)</i>	A Comprehensive Study of the X-ray Source Populations in the Galactic Center	
Parallel Session: Contributed Talks (Thu, June 15)		Room: Meeting Hall	Chair: Margherita Giustini
Session: TDE/QPE			
14:30	<i>Rau, Arne</i>	Tidal Disruption Events with eROSITA and XMM-Newton	
14:45	<i>Cao, Zheng</i>	Accretion disc alignment process breaking the UV/X-ray coupling in a tidal disruption event	
15:00	<i>Sacchi, Andrea (online)</i>	Searching for supersoft sources: TDEs hiding in the XMM catalogue	
15:15	<i>Liu, Zhu</i>	A repeating partial tidal disruption events discovered by eROSITA	
15:30	<i>Homan, David</i>	Discovery of the extremely luminous X-ray ignition eRASSt J234402.9–352640	
15:45	<i>Mummery, Andrew (presented by Richard Saxton)</i>	From X-rays to physical parameters: a comprehensive analysis of thermal tidal disruption event X-ray spectra	
16:00			
16:15			
16:30-17:00	Coffee Break & Poster Viewing		
Parallel Session: Contributed Talks (Thu, June 15)		Room: Meeting Hall	Chair: Giorgio Matt
Session: Cosmology & Extragalactic Deep Fields			
17:00	<i>Lusso, Elisabeta</i>	Quasars as standard(isable) candles(and the physics behind)	
17:15	<i>Migkas, Konstantinos</i>	Redefining the isotropy of the local Universe with X-ray galaxy clusters	
17:30	<i>Garrel, Christian</i>	New cosmological results from the XMM-XXL survey	
17:45	<i>Gatuzz, Efrain</i>	Searching for the warm-hot intergalactic medium using XMM-Newton RGS spectra	
18:00	<i>Georgantopoulos, Ioannis</i>	Comparing the ages of the host galaxies of obscured and unobscured AGN	
18:15	<i>Garrel, Christian</i>	The eROSITA X-ray angular power spectrum	

Parallel Session: Contributed Talks (Thu, June 15) Room: Reception Hall Chair: Mariachiara Rossetti
Session: From Galaxies to Superclusters V

14:30	<i>Ghizzardi, Simona</i>	<i>Iron budget in the core of cool-core clusters and metal enrichment history.</i>
14:45	<i>Riva, Giacomo</i>	Enrichment history in poor galaxy clusters: a detailed study of the iron-abundance profile in MKW3s
15:00	<i>Fukushima, Kotaro</i>	Metal abundance distribution and pattern in the hot medium of early-type galaxies with XMM-Newton RGS spectroscopy
15:15	<i>Molendi, Silvano</i>	<i>Metal enrichment: the apex accretor perspective</i>
15:30	<i>Veronica, Angie</i>	Investigating the ICM-Radio AGN Interplay in Galaxy Clusters in the ASKAP/EMU Pilot Survey Field
15:45	<i>Gastaldello, Fabio</i>	The abundance profiles of the DR1 subsample of CHEX-MATE
16:00	<i>Dupourqué, Simon (presenter: Nicolas Clerc)</i>	Investigating the turbulent hot gas in the X-COP galaxy clusters
16:15	<i>Tumer, Aysegul</i>	Galaxy Cluster Mergers at Different Stages As Seen by NuSTAR, Chandra, XMM-Newton and Suzaku
16:30-17:00	Coffee Break & Poster Viewing	

Parallel Session: Contributed Talks (Thu, June 15) Room: Reception Hall Chair: Dominique Eckert
Session: From Galaxies to Superclusters VI

17:00	<i>Pascut, Aurelia</i>	X-ray study of the merging cluster of galaxies AS0592
17:15	<i>Majumder, Anwesh</i>	Revealing deeper secrets: Developing a new higher-resolution technique for XMM imaging analysis
17:30	<i>Braspenning, Joey</i>	A new view on galaxy clusters with the FLAMINGO simulations
17:45	<i>Koulouridis, Elias</i>	The X-CLASS survey: A catalogue of 1646 X-ray-selected galaxy clusters up to $z \sim 1.5$
18:00	<i>Rossetti, Mariachiara</i>	The temperature profiles of CHEX-MATE galaxy clusters
18:15	<i>Paggi, Alessandro</i>	The Multi-Wavelength Environment of Second Bologna Catalog Sources

Friday, 16 June 2023

Plenary Session: Invited Talks		Room: Auditorium	Chair: Kathy Romer
09:00	<i>Bulbul, Esra (online)</i>	Last Decade of Science with Galaxy Cluster Surveys in the X-ray band	
09:30	<i>Sun, Ming</i>	Ram pressure stripped tails and orphan clouds in galaxy clusters	
10:00	<i>Pratt, Gabriel</i>	CHEX-MATE: The Cluster HERitage project with XMM-Newton: Mass Assembly and Thermodynamics at the Endpoint of structure formation	
10:30	<i>Eckert, Dominique</i>	Dark matter properties in massive galaxy clusters	
11:00-11:30	Coffee Break & Poster Viewing		
			Chair: Mara Salvato
11:30	<i>Yuan, Weimin</i>	The Einstein Probe mission	
12:00	<i>Tashiro, Makoto</i>	Status of X-Ray Imaging and Spectroscopy Mission (XRISM)	
12:30	<i>Guainazzi, Matteo</i>	NewAthena: the Large-Class X-ray observatory of ESA	
13:00-14:30	Lunch Break		

Parallel Session: Contributed Talks (Fri, June 16)		Room: Auditorium	Chair: Jacobo Ebrero Carrero
Session: AGN VII			
14:30	<i>Buchner, Johannes</i>	The black hole mass accretion history with eROSITA, Chandra and NuSTAR	
14:45	<i>Marcotulli, Lea</i>	The most powerful jets at the dawn of time	
15:00	<i>Diaz, Yaherlyn (online)</i>	Constraining the X-ray reflection in low accretion rate AGN using XMM-Newton, NuSTAR and Swift	
15:15	<i>Signorini, Matilde</i>	X-ray properties and obscured fraction of AGN in the J1030 Chandra field	
15:30	<i>Gerolymatou, Dimitra</i>	Self-consistent population synthesis of AGN from observational constraints in the X-rays	
15:45	<i>Ruiz, Angel</i>	Detection of a Compton Thick AGN at redshift 5	
16:00	<i>Peca, Alessandro</i>	Uncovering the dark side of the universe: are we missing a hidden and heavily Compton-thick AGN population?	
16:15	<i>Rankine, Amy</i>	Determining the intrinsic relation between X-ray and UV/optical tracers of supermassive black hole growth	
16:30-17:00	Coffee Break & Poster Viewing		
Parallel Session: Contributed Talks (Fri, June 09)		Room: Auditorium	Chair: Ioannis Georgantopoulos
Session: AGN VIII			
17:00	<i>Barlow-Hall, Cassandra</i>	Constraining the High Redshift X-ray Luminosity Function of AGN	
17:15	<i>Powell, Meredith</i>	The impact of AGN selection on measurements of the AGN halo occupation distribution	
17:30	<i>Pouliasis, Ektoras</i>	X-ray luminosity function in the Early Universe: Comparing the AGN growth with the evolution of galaxies	
17:45	<i>Georgakakis, Antonis</i>	Exploring black hole scaling relations via the ensemble variability of active galactic nuclei	
18:00	<i>Delaney, Jack</i>	New constraints on the hard X-ray number counts with the Extragalactic Serendipitous Swift Survey	
18:15	<i>Laloux, Brivael</i>	Obscuration-dependency of the AGN accretion rate	

Parallel Session: Contributed Talks (Fri, June 16)		Room: Reception Hall	Chair: Alicia Rouco Escorial
Session: White Dwarf, Neutron Star and Black Hole Binaries VI & ULX I			
14:30	<i>Speicher, Julia</i>	Type I X-ray bursts as probes of the neutron star accretion environment	
14:45	<i>Zuobin, Zhang</i>	Evolution of QPOs in GX 339-4 and EXO 1846-031 with Insight-HXMT and NICER	
15:00	<i>Ghosh, Tanuman (online)</i>	Synchrotron radiation from pulsars as the origin of spectral cutoff in ULXs	
15:15	<i>Dovciak, Michal</i>	X-ray polarization properties of the thermal state of black hole X-ray binary measured for the first time	
15:30	<i>Imbrogno, Matteo</i>	The case of pulsating ULX M51 X-7: a QPO to find them all?	
15:45	<i>Kovlakas, Konstantinos</i>	Constraining Binary Evolution Models with X-ray scaling relations and ULXs	
16:00	<i>Amato, Roberta</i>	Should Hyperluminous and Ultraluminous X-ray sources fall under the same category?	
16:15	<i>Roberts, Tim (online)</i>	Mining new ULX catalogues for HLXs and PULXs	
16:30-17:00	Coffee Break & Poster Viewing		
Parallel Session: Contributed Talks (Fri, June 16)		Room: Reception Hall	Chair: Peter Kretschmar
Session: ULX II			
17:00	<i>Soria, Roberto</i>	A new intermediate mass black hole candidate in the high/soft state	
17:15	<i>Vasilopoulos, Georgios</i>	From BeXRBs to ULXPs: connecting the "dots"	
17:30	<i>Garofali, Kristen</i>	Nebular Emission from 'Simple X-ray Populations': the Impact of Ultra-luminous X-ray Sources on IR-to-optical Emission Line Diagnostics	
17:45	<i>Walton, Dominic</i>	The Unusual Broadband Spectral Variability of the ULX Holmberg IX X-1	
18:00	<i>Kobayashi, Shogo</i>	Unraveling the Accretion Flow Structure of Ultra-Luminous X-ray Pulsar NGC 300 ULX-1 with the C3PO Method	
18:15	<i>Fuerst, Felix</i>	Measuring the magnetic field in the extreme ultra-luminous X-ray pulsar NGC 5907 ULX-1	

Parallel Session: Contributed Talks (Fri, June 16)			Room: Meeting Hall	Chair: Richard Saxton
Session: SAS to Athena				
14:30	<i>Saxton, Richard</i>	Status report of the Science Analysis System		
15:00	<i>Ibarra, Aitor</i>	SAS future plans and dreams		
15:15	<i>Carrera, Francisco J</i>	Massive spectral fitting of XMM-Newton spectra		
15:30	<i>Traulsen, Iris (online)</i>	Pushing the limits of XMM-Newton source detection: XMM2ATHENA WP4 'The enhanced stacked catalogue'		
15:45	<i>Koushika, V P</i>	How far are you? A new tool for automated redshift estimation from X-ray spectra of AGN		
15:45	<i>Gupta, Maitrayee</i>	Studying X-ray variability with the EPIC XMM Outburst Detector Ultimate System (EXODUS)		
16:00	<i>de Plaa, Jelle (online)</i>	Preparing the SPEX spectral fitting package for the next generation of high-resolution spectrometers		
16:30-17:00	Coffee Break & Poster Viewing			
Parallel Session: Contributed Talks (Fri, June 16)			Room: Meeting Hall	Chair: Natalie Webb
Session: Analysis and related software				
17:00	<i>Tubín, Dusán</i>	<i>The eROSITA Upper Limits</i>		
17:15	<i>Guardiani, Matteo</i>	<i>Towards Automatic Point Source Detection</i>		
17:30	<i>Westerkamp, Margret</i>	<i>Bayesian Spatio-spectral Imaging of SN1006</i>		
17:45	<i>Eberle, Vincent</i>	<i>Spatially variant point spread function removal in X-ray observations</i>		
18:00	<i>Kosiba, Matej</i>	<i>A new perspective of the hard X-ray sky</i>		
Parallel Session: Contributed Talks (Fri, June 16)			Room: Conference Hall	Chair: Stefano Ettori
Session: From Galaxies to Superclusters VII				
14:30	<i>Mirakhor, Mohammad (online)</i>	A detailed X-ray view of the filament of gas between the galaxy clusters Abell 2029 and Abell 2033		
14:45	<i>Missaglia, Valentina</i>	<i>Powerful yet lonely: is 3C 297 a high-z fossil group?</i>		
15:00	<i>Giles, Paul</i>	<i>Exploring Dark Energy Survey redMaPPer galaxy clusters with complete X-ray observations</i>		
15:15	<i>Kearney, Zoe</i>	<i>Hidden in plain sight: exploring cluster selection bias in the X-ray and optical up to $z \sim 2.5$</i>		
15:30	<i>Calzadilla, Michael</i>	<i>Evolution of the Cooling Flow Problem in SPT-Selected Galaxy Clusters</i>		
15:45	<i>Balboni, Marco</i>	Radio-X study of CHEX-MATE radio halo clusters		
16:00	<i>Lovisari, Lorenzo</i>	<i>Scaling properties and the effects of feedback for an X-ray selected sample of galaxy groups</i>		
16:15	<i>Randall, Scott</i>	<i>Intercluster Filaments, Cluster Outskirts, and the Interface Between Galaxy Clusters and the Cosmic Web</i>		
16:30-17:00	Coffee Break & Poster Viewing			
Parallel Session: Contributed Talks (Fri, June 16)			Room: Conference Hall	Chair: Ming Sun
Session: From Galaxies to Superclusters VIII				
17:00	<i>PalChoudhury, Prakriti</i>	<i>Can spiralling cold fronts in galaxy clusters be sustained against mixing?</i>		
17:15	<i>Ettori, Stefano</i>	<i>Models of, and constraints on, the non-thermal pressure in X-ray galaxy clusters</i>		
17:30	<i>Migkas, Konstantinos</i>	<i>Cross calibration of eROSITA, XMM-Newton, and Chandra cluster temperatures</i>		
17:30	<i>Turner, David (online)</i>	<i>A very large sample of galaxy cluster hydrostatic masses measured by XCS</i>		
17:45	<i>Wik, Daniel</i>	<i>The NuSTAR Perspective on the Chandra/XMM-Newton Temperature Discrepancy in Galaxy Clusters</i>		

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