

Tuesday 14 June
09:00-18:30

09:00-09:15	Badges pick-up	
09:15-09:30	Brief welcome and LOC announcements	
09:30-11:15	Session I	Chair: Mariano Mendez
09:30-10:00	C. Done: An overview of accretion physics round black holes	
10:00-10:15	A. Yilmaz: <i>Theory Meets Reality: Testing Accretion Disk Models with LMC X-3 and GRO J1655-40</i>	
10:15-10:30	N. Scepi: <i>The role of strongly magnetized disks in the spectral hysteresis of X-ray binaries</i>	
10:30-10:45	A. Zdziarski: <i>Accretion flow, pair production and jet in the black-hole X-ray binary MAXI J1820+070</i>	
10:45-11:00	D. Bollimpalli: <i>Variability in tilted, truncated discs around black holes</i>	
11:00-11:15	T. Kawamura: <i>Modeling energy-dependent aperiodic variability of black hole X-ray binaries</i>	
11:15-11:45	Coffee break	
11:45-14:00	Session II	Chair: Matthew Middleton
11:45-12:15	A. Ingram: Overview of spectral-timing techniques	
12:15-12:30	B. De Marco: <i>The inner flow geometry in MAXI J1820+070 during hard and hard-intermediate states</i>	
12:30-12:45	E. V. Lai: <i>The stellar wind in Cygnus X-1: a X-ray spectral-timing view</i>	
12:45-13:00	O. König: <i>Spectro-Timing analysis of Cyg X-1 with NICER+NuSTAR</i>	
13:00-13:15	V. Peirano: <i>Dual Comptonization model for the type-B QPOs in GX 339-4</i>	
13:15-13:30	K. Alabarta: <i>Properties of the type-C quasi-periodic oscillations of MAXI J1348-630 using NICER</i>	
13:30-13:45	F. Vincentelli: <i>IR quasi periodic oscillations from black hole X-ray binaries</i>	
13:45-14:00	M. Mendez: <i>Coupling between the accreting corona and the relativistic jet in the micro quasar GRS 1915+105</i>	
14:00-15:30	Lunch	
15:30-16:45	Session III	Chair: Andrzej Zdziarski
15:30-16:00	A. Tetarenko: Accretion driven jets in X-ray binaries	
16:00-16:15	S. Fijma: <i>Evaluating the jet/accretion coupling of Aql X-1: probing the contribution of accretion flow spectral components</i>	
16:15-16:30	D. Russel: <i>On the infrared coincidence: what is the jet contribution to the X-ray power law in GX 339-4?</i>	
16:30-16:45	J. López-Miralles: <i>3D RMHD simulations of microquasar jets: from the binary to the ISM</i>	
16:45-17:15	Coffee break	
17:15-18:30	Session IV	Chair: Barbara De Marco
17:15-17:45	M. Diaz Trigo: X-ray binary outflows	
17:45-18:00	P. Kosec: <i>A long stare at Hercules X-1: investigating the vertical structure of an accretion disc wind</i>	
18:00-18:15	R. Tomaru: <i>The rejection of the requirement of magnetic winds</i>	
18:15-18:30	V. Ramachandran: <i>Multi-wavelength spectral analysis of O star + black hole binaries</i>	

Wednesday 15 June
09:00-18:45 plus cocktail

09:00-11:15	Session I	Chair: Natalie Webb
09:00-09:15	A. Knight: <i>Using X-ray Eclipse Mapping to Constrain the Mass of the Black Hole in the X-ray Binary M33 X-7</i>	
09:15-09:45	M. Middleton: Ultraluminous X-ray sources - news and views	
09:45-10:00	C. Pinto: <i>An XMM-Newton view of extreme accretion and ejection in ultraluminous X-ray sources</i>	
10:00-10:15	A. Robba: <i>Unveiling the disc structure in the pulsing ultraluminous X-ray source NGC 1313 X-2 with XMM-Newton</i>	
10:15-10:30	R. Amato: <i>Long-term X-ray variability of the ULX M81 X-6: black hole or neutron star accretor?</i>	
10:30-10:45	A. Gúrpide Lasheras: <i>Testing the Lense–Thirring plane for Ultraluminous X-ray sources</i>	
10:45-11:15	L. Rezzolla: Imaging a supermassive black hole	
11:15-11:45	Coffee break	
11:45-14:00	Session II	Chair: Alex Markowitz
11:45-12:00	D. MacKenzie: <i>The Hyperluminous X-ray Source Population</i>	
12:00-12:30	S. Komossa: Extreme Accretion Events: Stellar Tidal Disruption Events (TDEs) and Changing-Look AGN	
12:30-12:45	Z. Cao: <i>Measuring the mass and the spin of intermediate-massive black hole candidates using tidal disruption events</i>	
12:45-13:00	T. Ryu: <i>Fully relativistic global hydrodynamics simulation of tidal disruption event</i>	
13:00-13:15	T. Wevers: <i>Accretion state changes in a supermassive black hole following a tidal disruption event</i>	
13:15-13:30	A. Malyali: <i>Multi-wavelength follow-up of an extremely luminous, eROSITA-selected tidal disruption event candidate</i>	
13:30-13:45	D. Homan: <i>Multi-wavelength follow-up of extreme variability in galactic nuclei detected with eROSITA</i>	
13:45-14:00	Z. Liu: <i>Deciphering the extreme X-ray variability of an eROSITA discovered nuclear transient</i>	
14:00-15:30	Lunch	
15:30-16:45	Session III	Chair: Chris Done
15:30-16:00	C. Ricci: 1ES1927+654: a new type of changing-state AGN	
16:00-16:15	M. Masterson: <i>Probing Extreme Accretion Physics with X-ray Nuclear Transients</i>	
16:15-16:30	D. Lawther: <i>Repeating X-ray and UV flares in the changing-look AGN Mrk 590</i>	
16:30-16:45	S. Krishnan: <i>Multi-wavelength study of extragalactic transients detected with eROSITA: A flaring event in an AGN</i>	
16:45-17:15	Coffee break	
17:15-18:45	Session IV	Chair: Stefanie Komossa
17:15-17:45	R. Arcodia: X-ray quasi-periodic eruptions: where do we stand?	
17:45-18:00	M. Giustini: <i>The enigmatic X-ray quasi-periodic eruptions of RX J1301.9+2747</i>	
18:00-18:15	A. Tiengo: <i>Quasi periodic eruptions from an intermediate mass black hole in an extra-galactic globular cluster?</i>	
18:15-18:30	N. Webb: <i>Tidal disruption events and quasi periodic eruptions</i>	
18:30-18:45	E. Quintin: <i>A multi-instrument look at archival variable AGNs</i>	
18:45	Cocktail	

Thursday 16 June
09:00-18:30

09:00-11:15	Session I	Chair: Margherita Giustini
09:00-09:30	A. De Rosa: <i>The quest for dual and binary supermassive black holes</i>	
09:30-10:00	V. Braito: <i>Shedding light on powerful disk winds</i>	
10:00-10:15	T. Midooka: <i>Radiatively-driven clumpy absorbers in the NLSy1 IRAS 13224-3809</i>	
10:15-10:30	Y. Xu: <i>Ejection-accretion connection in highly-accreting supermassive black holes</i>	
10:30-10:45	G. Lanzuisi: <i>Physics and Energetics of the Ultra Fast Outflow in IRAS F11119+3257</i>	
10:45-11:00	A. Gonzalez: <i>Exploring the connection between the inner accretion disc and high-velocity outflows in active galactic nuclei</i>	
11:00-11:15	D. Rogantini: <i>Time-dependent photoionisation modeling of AGN outflows</i>	
11:15-11:45	Coffee break	
11:45-14:00	Session II	Chair: William Alston
11:45-12:00	D. Irodotou: <i>The effects of AGN feedback on the structural and dynamical properties of Milky Way-mass galaxies in cosmological simulations</i>	
12:00-12:15	A. Juranova: <i>Spectral-timing of AGN ionized outflows with Athena</i>	
12:15-12:30	Z. Igo: <i>An X-ray and Radio View of the Different Modes of AGN Accretion and Feedback with eROSITA and LOFAR</i>	
12:30-13:00	G. Matt: <i>First results from IXPE</i>	
13:00-13:15	G. Chartas: <i>X-ray Microlensing of the Inflows and Outflows of Quasar RXJ 1131-1231</i>	
13:15-13:30	S. Hagen: <i>A Full Spectral Timing Model for AGN: Exploring the Accretion Structure Through Intensive Monitoring Data</i>	
13:30-13:45	P.-O. Petrucci: <i>Warm corona model for the soft X-ray excess of AGNs: observational and theoretical constraints</i>	
13:45-14:00	S. Waddell: <i>Soft excesses as seen by eROSITA</i>	
14:00-15:30	Lunch	
15:30-16:45	Session III	Chair: Claudio Ricci
15:30-16:00	E. Cackett: <i>AGN UV/optical variability and its (dis)connection to X-rays</i>	
16:00-16:15	E. Kammoun: <i>Modelling for the broadband energy spectrum of X-ray illuminated accretion discs</i>	
16:15-16:30	S. Barnier: <i>The JED-SAD model applied to the Active Galactic Nuclei UV X-ray correlation</i>	
16:30-16:45	C. Panagiotou: <i>A physical model for the AGN UV/optical power spectra</i>	
16:45-17:15	Coffee break	
17:15-18:30	Session IV	Chair: George Chartas
17:15-17:30	K. Kumari: <i>Accretion disk-corona connection in NGC 4593 and NGC 7469</i>	
17:30-17:45	M. Parker: <i>Black hole variability spectra: UFOs, stellar winds, eclipses and the nuclear environment</i>	
17:45-18:00	C. Lewin: <i>X-ray Reverberation Mapping of Highly Variable AGN Ark 564</i>	
18:00-18:15	W. Alston: <i>Understanding quasi-periodic oscillations in accreting black holes using an unprecedented XMM-Newton observation</i>	
18:15-18:30	P. Varniere: <i>QPOs are more than timing features: Applying the Accretion-Ejection Instability in Super massive black-holes</i>	

Friday 17 June
09:30-14:00

09:30-11:30	Session I	Chair: Michael Parker
09:30-10:00	M. Guainazzi: <i>The Athena observatory and its science objectives</i>	
10:00-10:15	L. Mallick: <i>The least-massive accreting supermassive black holes</i>	
10:15-10:30	J. Sisk Reynes: <i>A moderate spin for the high-mass Supermassive Black Hole H1821+643</i>	
10:30-10:45	A. Tortosa: <i>Systematic broad-band X-ray study of extreme accretion onto supermassive black holes</i>	
10:45-11:00	M. Laurenti: <i>X-HESS: a new sample of highly accreting serendipitous AGN under the XMM-Newton microscope</i>	
11:00-11:15	G. Risaliti: <i>Quasars as high-redshift standard candles</i>	
11:15-11:30	D. Esparza Arredondo: <i>The X-ray reflector as signature of the AGN torus and its connection with mid-infrared dust emission</i>	
11:30-12:00	Coffee break	
12:00-14:00	Session II	Chair: Maria Santos-Lleó
12:00-12:15	C. I. Victoria Ceballos: <i>The scattered X-ray spectrum of AGN: testing physical scenarios for the reflection features using simultaneous XMM-Newton and NuSTAR data</i>	
12:15-12:30	M. Balokovic: <i>Broadband X-ray Spectroscopy as a Probe of AGN Obscuring Structure Geometry</i>	
12:30-12:45	M. Buhariwalla: <i>Distant Emission from Mrk 1239: Origin Revealed</i>	
12:45-13:00	B. Vander Meulen: <i>Modelling complex AGN media in full-3D with a new X-ray radiative transfer code</i>	
13:00-13:15	G. Dimopoulos: <i>Probing the close environments of SMBHs with the Fe Kalpha Compton Shoulder</i>	
13:15-13:30	L. Ge: <i>A Bayesian Analysis of AGN X-ray Spectral Properties in XXL</i>	
13:30-13:45	A. P. Noel: <i>X-ray intraday variability of the TeV blazar Mrk 421 with XMM-Newton</i>	
13:45-14:00	End of conference – Thanks	

14:00-15:30	Lunch if needed
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Posters

X-ray binaries and ULXs
Extreme variability (extragalactic)
Active Galactic Nuclei

1	A. Akyuz	<i>Investigation of The Connection Between X-ray Binaries and Compact Star Clusters in NGC 628</i>
2	S. Allak	<i>Optical Counterparts of ULXs in NGC 1672</i>
3	J. Kajava	<i>Multi-wavelength properties of the black hole transient MAXI J1820+070</i>
4	D. Lančová	<i>Observational Properties of Puffy Accretion Disk</i>
5	M. Parra	<i>The current state of Galactic Black Holes Winds observations through X-ray absorption lines</i>
6	A. Rodríguez Castellano	<i>Uncovering the peculiarities of the ULX NGC 7793 P9</i>
7	P. Thalhammer	<i>Long-term spectral evolution of Cyg X-1 as seen by INTEGRAL</i>
8	Y. Zhang	<i>The evolution of the corona in MAXI J1535–571 through type-C quasi-periodic oscillations with Insight-HXMT</i>
9	S. Garg	<i>X-Ray Observations of Tidal Disruption Event ASASSN-14li</i>
10	A. Markowitz	<i>Multi-wavelength study of extragalactic transients detected with eROSITA: An X-ray coronal shutdown event</i>
11	A. Sacchi	<i>Searching for overlooked TDEs in the 4XMM catalog</i>
12	T. Saha	<i>Multi-wavelength study of extragalactic transients detected with eROSITA: A flaring event in an AGN</i>
13	R. Mignon-Risse	<i>Gravitational waves or X-ray counterpart ? No need to choose</i>
14	T. Wevers	<i>Host galaxy properties of quasi-periodically erupting X-ray sources</i>
15	S. H. Ezhikode	<i>Origin of soft excess in AGN showing relativistic disc reflection</i>
16	V. E. Gianolli	<i>UFOs in Subways: a population study</i>
17	M. Gupta	<i>X-ray variability of the Type 1.2 AGN SWIFT J1708.6+2155</i>
18	S. Komossa	<i>Multi-messenger astrophysics of the blazar OJ 287 and the project MOMO</i>
19	A. Joyce	<i>Exploring the nature of the X-ray corona in Active Galactic Nuclei with XMM-Newton and NuSTAR</i>
20	G. Lanzuisi	<i>Supermassive Black Hole Winds in X-rays</i>
21	R. Middei	<i>The remarkable flux and spectral variability of ESO511-G030 across the epochs</i>