

The Extremes of Black Hole Accretion Programme

Monday June 08

08:30 – 09:35	Registration	
09:35 - 11:30	Session I	Chair: Schartel
09:37 - 10:00	Fabian: Opening Remarks	
10:00 - 10:30	Reynolds: Unwrapping the X-ray Spectra of AGN	
10:30 - 10:45	Risaliti: Measurement of the black hole spin and the size of the X-ray source	
10:45 - 11:15	Chartas: Gravitational Lensing Size Scales for Quasars	
11:15 - 11:30	Sanfrutos: Eclipsing the X-ray emitting regions in AGN	
11:30 - 12:00	Coffee Break & Poster Viewing	
12:00 - 13:30	Session II	Chair: Ness
12:00 - 12:15	McHardy: X-ray - UV/optical lag measurement in the very low mass AGN NGC4395	
12:15 - 12:30	Edelson: Swift/HST reverberation mapping of the accretion disk in NGC 5548: lessons for XMM?	
12:30 - 12:45	Kriss: Space Telescope and Optical Reverberation Mapping Project: NGC 5548	
12:45 - 13:15	Walton: Recent Highlights from the NuSTAR Mission	
13:15 - 13:30	Bianchi: NuSTAR catches the unveiling nucleus of NGC 1068	
13:30 - 15:00	Lunch	
15:00 - 16:30	Session III	Chair: Karas
15:00 - 15:15	Ursini: High-energy monitoring of Seyfert galaxies: the case of NGC 5548 and NGC 4593	
15:15 - 15:30	Marinucci: The coronal parameters of local Seyfert galaxies	
15:30 - 15:45	Hogan: Direct Observations of an Extragalactic Advection Dominated Accretion Flow	
15:45 - 16:00	Connolly: "Harder when Brighter" Spectral Variability in Low-Luminosity AGN	
16:00 - 16:30	Malzac: Spectral components in black hole binaries - disc, Comptonization, reflection and jets	
16:30 - 17:00	Coffee Break & Poster Viewing	
17:00 - 18:30	Session IV	Chair: Matt
17:00 - 17:15	Kolehmainen: Tracking a hard state radio-quiet to radio-loud transition in Swift J1753.5-0127	
17:15 - 17:30	Shaw: The unusual accretion state of the black hole candidate Swift J1753.5-0127	
17:30 - 18:00	Fender: Patterns of disc-jet-wind coupling in black hole binaries	
18:00 - 18:15	Koljonen (Russell*): Accretion flows govern black hole jet properties	
18:15 - 18:30	Ponti: Connection between accretion state and FeK winds in neutron stars	

*Presenter if different from first author

Tuesday June 09

09:00 - 11:00	Session V	Chair: Ebrero
09:00 - 09:15	Hori: Broadband X-ray Study of the Galactic Black Hole Binary 4U 1630-47 with Suzaku	
09:15 - 09:30	Clavel: Broad-band analysis of the spectral evolution of GX 339-4	
09:30 - 10:00	Diaz Trigo: Winds in X-ray binaries	
10:00 - 10:15	Grinberg: Focused winds in high mass X-ray binaries: the case of Cyg X-1/HDE 226868	
10:15 - 10:30	Hirsch: Wind Absorption in High Mass X-ray Binaries	
10:30 - 11:00	Vaughan: An introduction to X-ray variability from black holes	
11:00 - 11:30	Coffee Break & Poster Viewing	
11:30 - 13:30	Session VI	Chair: Porquet
11:30 - 12:00	Ingram: Review of X-ray variability in black hole binaries	
12:00 - 12:15	Heil: Power-Colours: Direct Power Spectral Comparison	
12:15 - 12:30	Rapisarda: Testing propagating mass accretion rate fluctuations model PROPFLUC on BHB	
12:30 - 13:00	Motta: Quasi-periodic oscillations in black-hole binaries	
13:00 - 13:15	Stevens: A New Route to Phase-Resolved Spectroscopy of QPOs in X-ray Binaries	
13:15 - 13:30	Kalamkar: Fast multi-wavelength broad-band and QPO variability in BHB	
13:30 - 15:00	Lunch	
15:00 - 16:30	Session VII	Chair: Wilms
15:00 - 15:30	Uttley: Decoding black hole variability with spectral-timing	
15:30 - 15:45	Cackett: Modelling X-ray reverberation lags	
15:45 - 16:00	Alston: The QPO-reverberation connection in AGN	
16:00 - 16:15	Kara: A global view of reverberation in bare Seyferts	
16:15 - 16:30	Papadakis: Signatures of reverberation signals in the X-ray power-spectra of AGN	
16:30 - 17:00	Coffee Break & Poster Viewing	
17:00 - 18:30	Session VIII	Chair: Miniutti
17:00 - 17:15	De Marco: Reverberation lags in black hole X-ray binaries	
17:15 - 17:30	Epitropakis: The "iron-line/continuum" time-lags in AGN	
17:30 - 17:45	Mizumoto: Variabilities of the X-ray Broad Iron Spectral Features in AGN and BHBS	
17:45 - 18:00	Chakravorty: Magneto centrifugal winds from accretion discs around black hole binaries	
18:00 - 18:15	Silva: Timing the warm absorber in NGC4051	
18:15 - 18:30	Cappi: Anatomy of the AGN in NGC5548: Discovery of a fast and massive outflow - overview	
21:00 - 00:00	Conference Dinner	

*Presenter if different from first author

Wednesday June 10

09:00 - 11:00	Session IX	Chair: Tanaka
09:00 - 09:30	Bachetti: Ultraluminous X-ray sources - three exciting years	
09:30 - 09:45	Roberts: ULX behaviour: the ultraluminous state, winds and interesting anomalies	
09:45 - 10:00	Kobayashi: A New Characterization of the Compton Process in the ULX Spectra	
10:00 - 10:15	Earnshaw: An Intermediate-Mass Black Hole candidate in M51	
10:15 - 10:45	Tombesi: Accretion disk winds in active galactic nuclei: X-ray observations, models and feedback	
10:45 - 11:00	Pounds: A complex high velocity outflow in PG1211+143	
11:00 - 11:30	Coffee Break & Poster Viewing	
11:30 - 13:30	Session X	Chair: Ibarra
11:30 - 11:45	Reeves: The Powerful Black Hole Wind in the Luminous Quasar PDS 456	
11:45 - 12:00	Matzeu: Broad-band short term X-ray spectral variability of the quasar PDS 456	
12:00 - 12:15	Fukumura (Tombesi*): Fast Ionized X-ray Absorbers in AGNs	
12:15 - 12:30	Matthews: Modelling the Spectra of Quasars: Clumpy Winds and X-ray Properties	
12:30 - 12:45	Giustini: Unveiling the X-ray/UV properties of AGN winds using BAL Quasars	
12:45 - 13:00	Saez: Constraining The Wind-Shield Scenario Of PG 2112+059	
13:00 - 13:15	Saxton: Massive, long-duration, soft X-ray flares from galactic nuclei	
13:15 - 13:30	Braitto: Revealing the ionized wind in NGC1365	
13:30 - 15:00	Lunch	
15:00 - 16:15	Session XI	Chair: Gabriel
15:00 - 15:30	Dauser: Review of Relativistic Reflection Models	
15:30 - 15:45	Dovciak: Minimum X-ray source size for a lamppost corona in light-bending models for AGN	
15:45 - 16:00	Wilkins: Driving Extreme variability: Measurements of the changing coronae and evidence for jet launching	
16:00 - 16:15	Mantovani: Relativistic Fe K α line study in Seyfert 1 galaxies observed with SUZAKU	
16:15 - 16:45	Coffee Break & Poster Viewing	
16:45 - 18:00	Session XII	Chair: Santos-Lleo
16:45 - 17:00	Goosmann: Disk reprocessing in three dimensions - emerging spectra and polarization	
17:00 - 17:15	Garcia: Constraining Key Coronal Parameters of Black Holes via X-ray Reflection Spectroscopy	
17:15 - 17:30	Bonson: How well can we measure black hole spin?	
17:30 - 17:45	Sanchez-Fernandez: Astro-H: science goals, development status, and European contribution	
17:45 - 18:00	Done: Concluding Remarks	

*Presenter if different from first author