

Conference Programme

Monday, 11 October 2010		
Session: Binaries overview		
9:30-10:10	AGN-stellar BH unification	I. McHardy (I)
10:10-10:35	Red Noise Everywhere	G. Belanger (C)
10:35-11:00	Stellar black holes at the dawn of the universe	E. Mirabel (C)
11:00-11:30	Coffee Break	
11:30-12:10	The diversity of High Mass X-ray binaries	I. Negueruela (I)
12:10-12:35	On the nature of the X-ray corona of BH binaries in the hard state	J. Malzac (C)
12:35-13:00	X-ray spectral index correlations vs mass accretion rate in NS and BH X-ray binaries in their different spectral states. Theory vs. observation	L. Titarchuk (C)
13:00-15:30	Lunch Breack	
15:30-16:10	Broad Band Spectra of Low Mass X-ray Binaries	T. di Salvo (I)
16:10-16:35	KHz QPO and broad iron emission lines as a probe of strong-field gravity	A. Sanna (C)
16:35-17:00	Hitting the JACPOT: Testing Accretion Disk - Radio Jet Coupling Over Entire Outbursts	G. Sivakoff (C)
17:00-17:30	Coffee Break	
17:30-18:10	XRB populations in galaxies	J. Fabbiano (I)
18:10-18:35	A Chandra Perspective on the Evolution of XRB Populations in Normal Galaxies	B. Lehmer (C)
18:35-19:00	Optical nebula, radio lobes and X-ray hot spots of an FRII microquasar	R. Soria (C)
Tuesday, 12 October 2010		
Session: BHB		
9:15-09:55	Dynamical Masses in BH X-Ray Binaries	J. Casares (I)
9:55-10:35	Measuring the Spin Parameters of Stellar-Mass BH	R. Narayan (I)
10:35-11:00	Constraining propagation mechanisms in BH X-ray binaries	P. Cassatella (C)
11:00-11:30	Coffee Break	

11:30-12:10	Accretion Disks	C. Done (I)
12:10-12:35	Geometrical Configuration of Accretion Flows in Cyg X-1 in the LHS with Suzaku	T. Shunsuke (C)
12:35-13:00	A comparison of accretion states in neutron star and BH LMXB	J. Homan (C)
13:00-15:30	Lunch Break	
15:30-16:10	States and state transitions in X-ray binaries	T. Belloni (I)
16:10-16:35	The nature of the low-frequency oscillations in BH binaries	S. Motta (C)
16:35-17:00	Using flux variability to study states and state transitions in black holes	T. Muñoz-Darías (C)
17:00-17:30	Coffee Break	
17:30-18:10	Jets in accreting objects: BH and neutron star binaries	E. Koerding (I)
18:10-18:35	Isolating the jet in broadband spectra of XBs	D. Russell (C)
18:35-19:00	Beyond X-ray timing: fast multi-wavelength variability from jets in XRB	P. Casella (C)
Wednesday, 13 October 2010		
Session: LMXB		
9:30-10:10	Timing properties of neutron star X-ray binaries	M. van der Klis (I)
10:10-10:35	On the nature of Z-sources: neutron star magnetic field, accretion disk struct, and evol.	S. Zhang (C)
10:35-11:00	The XMM-Newton monitoring of the NS EXO 0748-676 back to quiescence	M. Díaz-Trigo (C)
11:00-11:30	Coffee Break	
11:30-12:10	Accreting millisecond pulsars, ideal test-beds for the theories of accretion onto quickly rotating, magnetised, neutron stars	A. Papitto (I)
12:10-12:35	The reflection component in the NS X-ray binaries: analogies and differences with the BH systems class	A. D'Ai (C)
12:35-13:00	The moving hotspot model for kHz QPOs in accreting neutron stars	M. Bachetti (C)
13:00-15:30	Lunch break	
Session: HMXB & Pulsars		
15:30-16:10	X-ray Properties of High Mass X-ray Binaries	F. Haberl (I)
16:10-16:35	Abundances in the Accreted Gas in SS 433	H. Marshall (C)
16:35-17:00	Spin period evolution of GX 1+4	A. González-Galán (C)
17:00-17:30	Coffee Break	

17:30-18:10	Gamma-ray emission in binary systems	J. M. Paredes (I)
18:10-18:35	New views on the X-ray emission of gamma-ray binaries	D. Torres (C)
18:35-19:00	Anomalous X-ray pulsars and soft gamma ray repeaters - isolated neutron stars accreting from a fall-back disk	J. Truemper (C)
20:00	Social Dinner	
Thursday, 14 October 2010		
Session: Extragalactic population of X-ray binaries		
9:30-10:10	Exploring accretion physics in the Small Magellanic Cloud	M.J. Coe (I)
10:10-10:35	Young X-ray Binary Populations in Low Metallicity Star Forming Galaxies	V. Antoniou (C)
10:35-11:00	X-ray source population of M 31 and M 33	W. Pietsch (C)
11:00-11:30	Coffee Break	
11:30-12:10	Low mass X-ray binaries in globular clusters	T. Maccarone (I)
12:10-12:35	Probing the Low Mass X-ray Binaries/Globular Cluster connection	M. Paolillo (C)
12:35-13:00	Revealing the Nature of a Very Luminous Globular Cluster X-ray Source in M31 Galaxy	Y. Yang (C)
13:00-15:30	Lunch break	
15:30-16:10	Ultraluminous X-ray sources	T. Roberts (I)
16:10-16:35	Low metallicity and UltraLuminous X-ray sources	L. Zampieri (C)
16:35-17:00	Exploring the Nature of the Brightest Hyper-luminous X-ray Source	S. Farrell (C)
17:00-17:30	Coffee Break	
17:30-18:10	X-ray Binary Population Modeling	V. Kalogera (I)
18:10-18:35	X-ray Binary Formation and Evolution on Cosmological Timescales	T. Fragos (C)
18:35-19:00	Progenitors of Type Ia Supernovae in early-type galaxies	A. Bogdan (C)

Posters

(1)	E. Bartlett	<u>The Search for Accreting High Mass X-ray Binaries in the Phoenix Dwarf Galaxy</u>
(2)	H. Bradt	<u>Teaching Astrophysics to Upper Level Students</u>
(3)	N. Brassington	<u>Determining Spectral Properties of X-ray Binaries With Low-Count Data</u>
(4)	M. Bursa	<u>Fitting high-luminosity X-ray thermal spectra with slim disk</u>
(5)	M. Caballero-Garcia	<u>Relativistic X-ray disk reflection in Ultra-Luminous X-ray sources</u>
(6)	E. Egron	<u>XMM-Newton observation of MXB 1728-34</u>
(7)	D. Foster	<u>The nature of the ULX NGC 5408 X-1</u>
(8)	D. Hatzidimitriou	<u>The XRB population in M31 from the XMM-Newton Large Project - The search for HMXRB</u>
(9)	M. Kolehmainen	<u>The nature of the very high state of GX 339-4</u>
(10)	A. Hornschemeier	<u>Accreting binary populations in the earlier Universe</u>
(11)	M. Middleton	<u>Tapping the potential of the 2XMM catalogue</u>
(12)	E. Nespoli	<u>Discovery of a QPO in the X-ray pulsar 1A 1118-615</u>
(13)	V. Nilkanth	<u>Contribution of LMXBs to the total X-ray luminosity of the Dusty early-type galaxies</u>
(14)	A. Rajoelimanana	<u>Long-term Properties of High Mass X-ray Binaries in the Small Magellanic Cloud</u>
(15)	J.M. Ramirez	<u>Chandra Pre-decay LETGS spectrum of V4743 Sagittarii</u>
(16)	H. Stiele	<u>XTE J1752-223: A new transient black hole candidate</u>
(17)	L. Townsend	<u>Accretion driven spin-up in Be/X-ray binary systems in the Small Magellanic Cloud</u>
(18)	V. Simon	<u>Long-term processes in soft X-ray transients</u>
(20)	P. Bonfini	<u>Globular Clusters and X-ray Source Population in NGC4261</u>