

The X-ray Universe 2011 - Programme

Sunday, 26 June 2011

18:00-20:00	Reception and registration.
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Monday, 27 June 2011

08:00-10:30	Registration
Plenary Session 1: Invited Talks Room: <i>Plenum (2nd floor)</i> Chair: Schartel + Naze	
10:30	<i>Favata</i> : Opening
11:00	<i>Schmitt</i> : The high energy environment of extrasolar planets
11:30-12:00	Coffee Break & Posters
12:00	<i>Stelzer</i> : X-ray emission from stars: Recent advances and future prospects
12:30	<i>Díaz-Trigo</i> : Winds and jets in X-ray binaries
13:00	<i>Brenneman</i> : Black Hole Spin in X-ray Binaries and AGN
13:30-15:00	Lunch Break

Parallel Session: Contributed Talks Session: G.1+G.2: Active Galactic Nuclei Room: <i>Cambridge (2nd floor)</i> Chair: Karas + Loiseau	
15:00	<i>Panessa</i> : The INTEGRAL Narrow Line Seyfert 1 galaxies
15:20	<i>Steenbrugge</i> : Radio and X-ray emission in radio-quiet quasars
15:40	<i>Haggard</i> : Chandra's View of Local Optically "Dull" X-ray Bright Galaxies
16:00	<i>Lohfink</i> : Systematic errors on Black Hole Spin
16:20	<i>Yuan</i> : Chandra and XMM-Newton observations of AGN with low mass black holes
16:40-17:10	Coffee Break & Posters
17:10	<i>Boller</i> : Explaining the global X-ray Baldwin effect with XMM-Newton
17:30	<i>Scott</i> : The X-ray spectra of a large sample of type 1 AGN
17:50	<i>Ponti</i> : CAIXA III: a Catalogue of AGN In the XMM-Newton Archive III. Timing Analysis
18:10	<i>Papadakis</i> : Search for relativistic signals in the XMM long light curves of AGN
18:30	<i>Caballero-Garcia</i> : Hard X-ray spectral variability of the brightest Seyfert AGNs with SWIFT/BAT

Parallel Session: Contributed Talks	
Session: I.1+I.2: Extragalactic Surveys and Population Studies, the Cosmic X-ray Background, WHIM and Cosmology	
Room: Oxford (2nd floor)	
Chair: Page + Gilli	
15:00	<i>Galeazzi</i> : X-ray emission from the Warm-Hot Intergalactic Medium (WHIM)
15:20	<i>Nicastro</i> : Investing Chandra and XMM time to detect the missing baryons
15:40	<i>Cappelluti</i> : Study of the anisotropies of the unresolved X-ray background
16:00	<i>Miyaji</i> : Clustering and Halo Occupation Distribution of ROSAT All-Sky Survey AGNs
16:20	<i>Orio</i> : X-ray binaries in dwarf spheroidal galaxies of the local neighbourhood
16:40-17:10	Coffee Break & Posters
17:10	<i>Zhang</i> : Luminosity functions of LMXB in different stellar environments
17:30	<i>Ranalli</i> : Search and characterization of star-forming galaxies in X-ray surveys
17:50	<i>Symeonidis</i> : The X-ray/Infrared correlation for star-forming galaxies at $z \sim 1$
18:10	<i>Mainieri</i> : Obscured quasars: powerful black holes and their host galaxies
18:30	<i>Aird</i> : AGN activity and the stellar masses and colors of their host galaxies

Parallel Session: Contributed Talks	
Session: A.1+A.2: Stars, Star-forming Regions, Planetary and Cometary Studies	
Room: Sorbonne (2nd floor)	
Chair: Rauw + Branduardi-Raymont	
15:00	<i>Chang</i> : Search for Serendipitous TNO occultation in X-rays
15:20	<i>Wolk</i> : X-Ray Observations of Hot Jupiters
15:40	<i>Wright</i> : The Chandra Cygnus OB2 Legacy Survey
16:00	<i>Preibisch</i> : Detection of 14368 X-ray sources in the Carina Nebula star forming region
16:20	<i>Mucciarelli</i> : Revealing the young stellar population in the S254-258 region with X-rays
16:40-17:10	Coffee Break & Posters
17:10	<i>Argiroffi</i> : Rotationally modulated X-ray emission from the accretion shock in CTTS
17:30	<i>Grondin</i> : Fermi detections in the vicinity of the star forming regions W43 & Westerlund 2
17:50	<i>Naze</i> : A Holy Grail for stellar wind analysis: zeta Puppis seen by XMM
18:10	<i>Oskinova</i> : Early magnetic B-type stars: X-ray emission and wind properties
18:30	<i>Robrade</i> : X-ray emission from Ap/Bp stars - bridging cool and hot stars

Parallel Session: Contributed Talks	
Session: F.1+F.2: Galaxies, Galaxy Surveys, Population Studies, ISM and Diffuse Galactic Emission	
Room: Stanford (1st floor)	
Chair: Warwick + Ehle	
15:00	<i>Haberl</i> : The XMM-Newton survey of the Small Magellanic Cloud
15:20	<i>Sturm</i> : The XMM-Newton survey of the SMC: The Be/X-ray binary population
15:40	<i>Bodaghee</i> : Clustering between high-mass X-ray binaries and OB associations in the Milky Way
16:00	<i>Yuasa</i> : Spectroscopic decomposition of the Galactic Ridge X-ray Emission with Suzaku
16:20	<i>Ducci</i> : Study of the X-ray source populations in the starburst galaxy M83 with XMM-Newton
16:40-17:10	Coffee Break & Posters
17:10	<i>Warwick</i> : Thermal and non-thermal X-ray emission in the Galactic Centre
17:30	<i>Brassington</i> : The Complex Diffuse Emission in Centaurus A
17:50	<i>Tiengo</i> : Interstellar dust as a probe to study GRBs and magnetars, and vice versa
18:10	<i>Pinto</i> : X-raying the high-latitude ISM
18:30	<i>Bogdan</i> : Unresolved x-ray emission: late-type vs. early-type galaxies

Tuesday, 28 June 2011

Plenary Session 1: Invited Talks	
Room: Plenum (2nd floor)	
Chair: González-Riestra + Decourchelle	
09:00	<i>Done</i> : Accreting Galactic Black-hole systems
09:30	<i>Mukai</i> : The X-ray Emission of Magnetic Cataclysmic Variables
10:00	<i>Hernanz</i> : Explosion, turn-off and recovery of accretion in novae revealed by X-rays
10:30	<i>Gotthelf</i> : Young Neutron Stars and the Role of Magnetic Fields in Their Evolution
11:00-11:30	Coffee Break & Posters
11:30	<i>Rea</i> : Magnetar candidates: new discoveries open new questions
12:00	<i>Vink</i> : From abundance studies to cosmic ray physics: the impact of imaging spectroscopy
12:30	<i>Revnivtsev</i> : The population of the Galactic Ridge
13:00	<i>Zezas</i> : Accreting binary populations in nearby galaxies
13:30-15:00	Lunch Break

Parallel Session: Contributed Talks	
Session: G.3+G.4: Active Galactic Nuclei	
Room: Cambridge (2nd floor)	
Chair: Komossa + Santos-Lleo	
15:00	<i>Shemmer</i> : Exploratory X-ray Monitoring of High Redshift Radio-Quiet Quasars
15:20	<i>de Marco</i> : PG 1211+143: a 'timing' approach
15:40	<i>Schawinski</i> : The Sudden Death of the Nearest Quasar
16:00	<i>Cappi</i> : Winds and massive outflows in nearby and distant AGNs: an X-ray (re)view
16:20	<i>Page</i> : The nature of X-ray absorbed QSOs
16:40-17:10	Coffee Break & Posters
17:10	<i>Evans</i> : The Chandra Survey of Outflows in AGN with Resolved Spectroscopy (SOARS)
17:30	<i>Risaliti</i> : The structure of AGNs from X-ray eclipses
17:50	<i>Bianchi</i> : AGN without BLR: new clues for a new scenario
18:10	<i>Zhang</i> : Formation of Dusty Tori and Narrow Line Region in AGNs by Radiative Feedback
18:30	<i>Worrall</i> : Revelations from the best X-ray detection of a two-sided jetted AGN

Parallel Session: Contributed Talks	
Session: I.3+I.4: Extragalactic Surveys and Population Studies, the Cosmic X-ray Background, WHIM and Cosmology	
Room: Oxford (2nd floor)	
Chair: Carrera + Comastri	
15:00	<i>Behar</i> : X-Ray Absorption of High-z GRBs and Quasars as a Probe of The Missing Baryons
15:20	<i>del Moro</i> : On the missing heavily obscured AGN population
15:40	<i>Gilli</i> : [Ne V]-selected heavily obscured AGN at the epoch of the X-ray background
16:00	<i>Brusa</i> : The search for obscured AGN in the COSMOS and CDFS survey
16:20	<i>Georgantopoulos</i> : Searching for Compton-thick AGN in the CDFS
16:40-17:10	Coffee Break & Posters
17:10	<i>Krumpe</i> : First Results from Chandra/AKARI NEP Survey: Search for Compton-thick Accretion
17:30	<i>Finoguenov</i> : XMM-Newton surveys of X-ray galaxy groups
17:50	<i>Pierre</i> : XXL - An overview of the ultimate XMM extragalactic survey
18:10	<i>Read</i> : The XMM-Newton Slew Survey - The Whole X-ray Sky and the Rarest X-ray Events
18:30	<i>Soldi</i> : AGN variability at hard X-rays

Parallel Session: Contributed Talks	
Session: B.1+B.2: Interacting Binary Systems, (Galactic) Black Holes & Micro-quasars	
Room: Sorbonne (2nd floor)	
Chair: Corbet + Schönherr	
15:00	<i>Egron</i> : X-ray Spectroscopy of MXB 1728-34 with XMM-Newton
15:20	<i>Sanna</i> : Kilohertz QPOs and broad iron emission lines as a probe of strong-field gravity
15:40	<i>Madej</i> : Simultaneous X-ray timing and spectroscopy observations of the UCXB 4U 0614+091
16:00	<i>Linares</i> : On The Cooling Tails Of Thermonuclear X-ray Bursts: News From Terzan 5
16:20	<i>Schulz</i> : Magnetospheric Accretion Shocks in the X-Ray Spectrum of 4U 1626-67
16:40-17:10	Coffee Break & Posters
17:10	<i>Ferrigno</i> : 4U 0115+63: phase lags and cyclotron resonant scattering
17:30	<i>Bozzo</i> : XMM-Newton observations of IGRJ18410-0535: the ingestion of a massive clump
17:50	<i>Torrejon</i> : Revealing the stellar wind and the accretion flow of Vela X-1 using XMM-Newton
18:10	<i>Fürst</i> : XMM-Newton's view of the multiple fluorescence lines of GX 301-2
18:30	<i>Voss</i> : ULX in a young massive stellar cluster

Parallel Session: Contributed Talks	
Session: C.1+C.2: Cataclysmic Variables and Novae	
Room: Stanford (1st floor)	
Chair: Ness + de Martino	
15:00	<i>Servillat</i> : Dwarf Novae in Globular Clusters
15:20	<i>Henze</i> : Classical novae as supersoft X-ray sources in the Andromeda galaxy M31
15:40	<i>Osborne</i> : Swift X-ray Observations of Classical Novae: The Super-Soft Source Sample
16:00	<i>Rauch</i> : Synthetic spectra for super-soft sources
16:20	<i>Schwope</i> : On the origin of the Fe lines in AM Herculis
16:40-17:10	Coffee Break & Posters
17:10	<i>Orio</i> : The spectral evolution of Nova LMC 2009
17:30	<i>Balman</i> : An Observational Study of Accretion Flow in the inner Disk of Dwarf Novae
17:50	<i>Ness</i> : From X-ray dips to eclipse: Witnessing disk reformation in the RN USco
18:10	<i>Mereghetti</i> : XMM-Newton observations of the unique binary system HD49798/RXJ0648-4418
18:30	<i>Pietsch</i> : Variable supersoft X-rays from nova M31N 2007-12b: an intermediate polar?
20:30	Conference Dinner: Haus der Kulturen der Welt

Wednesday, 29 June 2011

Plenary Session 1: Invited Talks	
Room: <i>Plenum (2nd floor)</i>	
Chair: Matt + Böhringer	
09:00	<i>Kaastra</i> : Studying AGN with high resolution spectroscopy
09:30	<i>Guainazzi</i> : X-ray population studies of AGN
10:00	<i>Comastri</i> : The deep sky under the X-ray limelight
10:30	<i>Komossa</i> : The flaring X-ray sky: synergies between e.m. and gravitational wave astronomy
11:00-11:30	Coffee Break & Posters
11:30	<i>Fabian</i> : Cooling cores and AGN feedback
12:00	<i>Pointecouteau</i> : Clusters of galaxies in the Planck survey
12:30	<i>Ohashi</i> : Search for WHIM in X-rays
13:00	<i>Nandra</i> : Advanced Telescope for High Energy Astrophysics (Athena) – study status
	NEW¹
13:30-15:00	Lunch Break

Parallel Session: Contributed Talks	
Session: G.5+G.6: Active Galactic Nuclei	
Room: <i>Cambridge (2nd floor)</i>	
Chair: Kaastra + Saxton	
15:00	<i>Turner</i> : X-ray Signatures of Circumnuclear gas in AGN
15:20	<i>Miller</i> : Reverberation and accretion disk outflows in AGN
15:40	<i>Mehdipour</i> : Multiwavelength campaign on Mrk 509: the nature of the soft X-ray excess
16:00	<i>Kriss</i> : Multiwavelength observation campaign of Mkn 509: UV spectra of the X-ray Outflow
16:20	<i>Petrucchi</i> : Multiwavelength campaign on Mrk 509: testing realistic comptonization models
16:40-17:10	Coffee Break & Posters
17:10	<i>Goosmann</i> : Spotting the misaligned outflows in NGC 1068 using X-ray polarimetry
17:30	<i>Mingo</i> : The Circinus Galaxy: shedding X-ray light on the energetics of AGN outflows
17:50	<i>Marinucci</i> : X-ray Absorption Variability In NGC 4507
18:10	<i>Chartas</i> : Imaging the X-ray, UV and Optical Emission Regions of Quasars
18:30	<i>Labiano</i> : Radio Loud AGN in the 2XMMi catalogue – Multiwavelength view

1- Change from program in the conference bag: Nandra is replacing Lumb for this talk.

<u>Parallel Session: Contributed Talks</u>	
Session: H.1+H.2: Clusters of Galaxies	
Room: Oxford (2nd floor)	
Chair: Ohashi + Fusco-Femiano	
15:00	<i>Eckert</i> : X-ray observations of PKS 0745-191 at the virial radius: Are we there yet?
15:20	<i>Simionescu</i> : Baryons at the edge of the X-ray brightest galaxy cluster
15:40	<i>Werner</i> : X-ray Spectroscopy of the Virgo Cluster out to the Virial Radius
16:00	<i>Kawaharada</i> : ICM in Cluster Outskirts Affected by Large Scale Structure Discovered in A1689
16:20	<i>Kraft</i> : Deep Chandra and XMM-Newton Observations of NGC 4472
16:40-17:10	Coffee Break & Posters
17:10	<i>Fassbender</i> : XMM-Newton's view of the highest redshift X-ray luminous galaxy clusters NEW²
17:30	<i>O'Sullivan</i> : AGN feedback in galaxy groups: a combined X-ray/low-frequency radio view
17:50	<i>Eckmiller</i> : Testing the Low-Mass End of X-Ray Scaling Relations with Chandra Galaxy Groups
18:10	<i>Zhang</i> : Toward understanding mass proxies of galaxy clusters for modern cosmology
18:30	<i>Rossetti</i> : A multi-wavelength approach to the CC-NCC dichotomy

<u>Parallel Session: Contributed Talks</u>	
Session: B.3+B.4: Interacting Binary Systems, (Galactic) Black Holes & Micro-quasars	
Room: Sorbonne (2nd floor)	
Chair: Makishima + Zezas	
15:00	<i>Sidoli</i> : The XMM-Newton view of SFXTs: the case of IGRJ16418-4532
15:20	<i>Sasano</i> : Suzaku studies of SFXTs
15:40	<i>Romano</i> : The enigma of Supergiant Fast X-ray Transients: Swift broad-band results
16:00	<i>Roberts</i> : The most luminous ULXs: evidence for IMBHs?
16:20	<i>Farrell</i> : Evidence for Intermediate Mass Black Holes: The Case of ESO 243-49 HLX-1
16:40-17:10	Coffee Break & Posters
17:10	<i>Zampieri</i> : Challenging Ultraluminous X-ray Sources
17:30	<i>Gladstone</i> : Optical counterparts to Ultraluminous X-ray sources
17:50	<i>Middleton</i> : Characterising the timing and spectral properties of ULXs
18:10	<i>Pasham</i> : ULX, NGC 5408 X-1 : a deep search for correlated timing & spectral behaviour
18:30	<i>Pintore</i> : X-ray spectral variability in Ultraluminous X-ray Sources

2- Change from program in the conference bag: Fassbender is replacing Silverman's talk.

Parallel Session: Contributed Talks	
Session: E.1+E.2: Planetary Nebulae, SN, SNR, PWN, Gamma-ray bursts and Afterglows	
Room: Stanford (1st floor)	
Chair: Guerrero + Vink	
15:00	<i>Decourchelle</i> : Particle acceleration in SN 1006
15:20	<i>Bocchino</i> : Thermal X-rays from ejecta and shocked ISM in SN1006 as observed by XMM-Newton
15:40	<i>Sasaki</i> : Supernova Remnants and candidates detected in the XMM-Newton M 31 Large Survey
16:00	<i>Plucinsky</i> : The Supernova Remnant Population in M33 as seen by XMM-Newton
16:20	<i>Owen</i> : IKT 16: A Composite SNR in the SMC
16:40-17:10	Coffee Break & Posters
17:10	<i>Bykov</i> : Synchrotron X-ray structures in SNR shells: particle acceleration probe
17:30	<i>Dalton</i> : An Extended X-ray PWN Counterpart to the VHE Gamma-ray Source HESS J1303-631
17:50	<i>Pavan</i> : XMM observation of IGR J11014-6103: a new peculiar 'double-head' bow-shock PWN
18:10	<i>Guerrero</i> : Hard X-ray Emission from Central Stars of Planetary Nebulae
18:30	<i>Bernardini</i> : X-ray light curves of Gamma-ray bursts without flares

Thursday, 30 June 2011

Plenary Session 1: Invited Talks	
Room: Plenum (2nd floor)	
Chair: Christensen + McBreen	
09:00	<i>Barret</i> : The future Sino-French SVOM gamma-ray burst mission
09:30	<i>Lu</i> : The Hard X-ray Modulation Telescope Mission
10:00	<i>Stewart</i> : Astrosat
10:30	<i>Harrison</i> : The Nuclear Spectroscopic Telescope Array (NuSTAR)
11:00-11:30	Coffee Break & Posters
11:30	<i>Strohmayer</i> : X-ray Polarimetry with GEMS
12:00	<i>Predehl</i> : eROSITA – A new X-ray All-sky Survey
12:30	<i>Takahashi</i> : The ASTRO-H Mission
13:00	<i>Feroci</i> : LOFT – Large area Observatory For x-ray Timing
13:30-15:00	Lunch Break

<u>Parallel Session: Contributed Talks</u>	
Session: G.7+G.8: Active Galactic Nuclei	
Room: Cambridge (2nd floor)	
Chair: Behar + Lamer	
15:00	<i>Ballo</i> : Exploring X-ray and radio emission of type 1 AGN up to $z \sim 2.3$
15:20	<i>Beckmann</i> : The dominant emission process of the X-ray spectrum of Cen A
15:40	<i>Kaufmann</i> : The synchrotron emission of the extreme blazar 1ES 0229+200
16:00	<i>Lusso</i> : The bolometric output of AGN in the XMM-COSMOS survey
16:20	<i>Allevato</i> : Redshift evolution of X-ray selected AGN bias in the COSMOS field
16:40-17:10	Coffee Break & Posters
17:10	<i>Saez</i> : The X-ray properties of typical high-redshift radio-loud quasars
17:30	<i>Burlon</i> : Three-year Swift/BAT Survey of AGN: Reconciling Theory and Observations?
17:50	<i>Fotopoulou</i> : The Ultra Hard X-ray Luminosity Function of AGN
18:10	<i>Carrera</i> : Exploring extremely obscured accretion
18:30	<i>Terashima</i> : Rare AGN Populations found in the XMM-Newton Serendipitous Source Sample

<u>Parallel Session: Contributed Talks</u>	
Session: D.1: Magnetars, Isolated Neutron Stars and Pulsars	
Room: Oxford (2nd floor)	
Chair: Mereghetti	
15:00	<i>Pires</i> : First dedicated observations of the isolated neutron star in the Carina Nebula
15:20	<i>Webb</i> : Understanding neutron stars through multi-wavelength observations of pulsars
15:40	<i>Naso</i> : Magnetic fields in neutron stars: from interiors to surrounding accretion discs
16:00	<i>Callingham</i> : A new magnetar candidate located outside the Galactic Plane
16:20	
16:40-17:10	Coffee Break & Posters

<u>Parallel Session: Contributed Talks</u>	
Session: H.3: Clusters of Galaxies	
Room: Oxford (2nd floor)	
Chair: Zhang	
17:10	<i>Böhringer</i> : On the Redshift Evolution of Galaxy Cluster Scaling Relations and Implications
17:30	<i>Suhada</i> : The XMM-BCS galaxy cluster survey NEW³
17:50	<i>Baldi</i> : Metal abundance evolution in distant galaxy clusters observed by XMM-Newton
18:10	<i>Santos</i> : Chandra's view of high-redshift cool-core clusters NEW⁴
18:30	<i>Delsart</i> : A self-similar study of SZ cluster number counts from X-ray properties

3, 4 - Change from program in the conference bag: Talks by Suhada and Santos switched times.

Parallel Session: Contributed Talks	
Session: B.5+B.6: Interacting Binary Systems, (Galactic) Black Holes & Micro-quasars	
Room: Sorbonne (2nd floor)	
Chair: Schwope + Haberl	
15:00	<i>Miskovicova</i> : Spectroscopy of the stellar wind in the Cyg X-1 system
15:20	<i>Cassatella</i> : Time lags and reflection in black hole X-ray binaries
15:40	<i>Gandhi</i> : Multiwavelength rapid timing & broad-band spectroscopy of X-ray binaries
16:00	<i>Yamada</i> : Suzaku Wide-band Spectral Analysis on Short/Long Time Scales of Cygnus X-1
16:20	<i>Walton</i> : The Broad Iron Emission Line Profile of XTE J1650-500
16:40-17:10	Coffee Break & Posters
17:10	<i>Cadolle Bel</i> : Multiwavelength studies of the microquasar GX 339-4 in its 2010 outburst
17:30	<i>Kolehmainen</i> : High mass accretion rate spectra of GX 339-4: Black hole spin from reflection?
17:50	<i>Uttley</i> : Decoding the time-lags in accreting black holes with XMM-Newton
18:10	<i>Corbet</i> : Discovery of the New Gamma-ray Binary 1FGL J1018.6-5856
18:30	<i>de Martino</i> : XSSJ1227.0-4859: a mysterious LMXB with gamma-ray association to 1FGLJ1227.9-485

Parallel Session: Contributed Talks	
Session: K.1 + K.2: X-ray Astronomy Missions, Optics, Instrumentation, Data Analysis and Archiving	
Room: Stanford (1st floor)	
Chair: den Herder + Pollock	
15:00	<i>Carter</i> : Exospheric Solar Wind Charge Exchange X-ray emission as observed by XMM-Newton
15:20	<i>Branduardi-Raymont</i> : AXIOM: Advanced X-ray Imaging Of the Magnetosphere
15:40	<i>Smith</i> : Atomic Data Needs for X-ray Analysis and AtomDB v2.0
16:00	<i>Ji</i> : Non-equilibrium Ionization Codes based on AtomDB v2.0
16:20	<i>Odaka</i> : Calculation framework of X-ray radiation based on Monte Carlo simulations
16:40-17:10	Coffee Break & Posters
17:10	<i>Martin-Carrillo</i> : Absolute timing accuracy of the Epic-pn CCD camera on XMM-Newton
17:30	<i>Drake</i> : The Precision of the Chandra X-ray Observatory for Astrophysical Inference
17:50	<i>Kirsch</i> : XMM-Newton mission operations - how long may it live?
18:10	<i>Friedrich</i> : eROSITA Mirror Module Development
18:30	<i>Maier</i> : The Cherenkov Telescope Array: an advanced gamma-ray observatory
19:30	Post-conference tour - Potsdam