

# The X-ray Universe 2017 - Programme

## Monday, 05 June 2017

18:00-20:00	Reception and Registration at La Sapienza University
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## Tuesday, 06 June 2017

08:00-09:50	Registration		
<b>Plenary Session: Invited Talks</b>		<b>Room: Auditorium</b>	<b>Chair: N. Schartel</b>
09:50	<i>Parmar (ESA, Head of Science Support Office)</i> : Opening Speech		
10:00	<i>D'Amico (INAF President)</i> : Welcome Address		
10:10	<i>Dennerl</i> : X-rays from the Solar System		
10:40	<i>Wheatley</i> : The role of X-rays in exoplanet evolution and habitability		
11:10-11:45	Coffee Break & Poster Viewing		
			<b>Chair: M. Hernanz</b>
11:45	<i>Henze</i> : Breaking the Habit - The peculiar 2016 eruption of the remarkable recurrent nova M31N 2008-12a		
12:00	<i>Bamba</i> : Recent Progress on Supernova Remnants - Progenitors, Evolution, Cosmic-ray Acceleration		
12:30	<i>De Martino</i> : Transitional Millisecond Pulsar Binaries		
13:00-14:30	Lunch Break		
<b>Parallel Session: Contributed Talks (Tue, June 06)</b>		<b>Room: Auditorium</b>	<b>Chair: M. Cappi</b>
<b>Session: AGN I</b>			
14:30	<i>Buchner</i> : The Compton-thick Growth of Supermassive Black Holes constrained		
14:45	<i>Feruglio</i> : AGN feedback through UFO and galaxy-wide winds in the early Universe		
15:00	<i>Corral</i> : The Compton-thick AGN fraction from the deepest X-ray spectroscopy in the CDF-S		
15:15	<i>Simmonds</i> : XZ: X-ray spectroscopic redshifts of obscured AGN		
15:30	<i>Kammoun</i> : Determination of the coronal properties of luminous quasars at cosmological redshifts		
15:45	<i>Piconcelli</i> : X-raying the most luminous quasars at cosmic noon		
16:00	<i>Vignali</i> : A quadruple quasar coincident with a giant Ly $\alpha$ nebula and a protocluster at z=2		
16:15	<i>Paolillo</i> : Tracing the accretion history of supermassive Black Holes through X-ray variability		
16:30-17:00	Coffee Break & Poster Viewing		
<b>Parallel Session: Contributed Talks (Tue, June 06)</b>		<b>Room: Auditorium</b>	<b>Chair: V. Karas</b>
<b>Session: AGN II</b>			
17:00	<i>Mateos</i> : Survival of the obscuring torus in the most powerful active galactic nuclei		
17:15	<i>Lansbury</i> : A hard X-ray view of the distant active galactic nucleus (AGN) population with NuSTAR		
17:30	<i>Kakkad</i> : Ionized and molecular gas studies of X-ray selected AGN at high-z		
17:45	<i>De Rosa</i> : Unveiling the AGN activity in multiple SMBH systems observed with XMM-Newton		
18:00	<i>Salvato</i> : AllWISE counterparts to ROSAT and XMM-Slew surveys done using NWAY (An accurate algorithm to pair sources simultaneously between N catalogs)		
18:15	<i>Carrera</i> : On the relationship between X-ray, MIR and bolometric luminosities of broad line QSOs		
18:30	<i>Powell</i> : Probing the Properties of AGN Clustering in the Local Universe with Swift-BAT		
18:45-19:00	<i>Aranzana</i> : Optical variability properties of the largest AGN sample observed with Kepler/K2		

<b>Parallel Session: Contributed Talks (Tue, June 06)</b>		<b>Room: Accademia</b>	<b>Chair: A. Schwoppe</b>
<b>Session: Binary &amp; ULX I</b>			
14:30	<i>Roberts</i> : A new catalogue of ultraluminous X-ray sources (and more!)		
14:45	<i>Sazonov</i> : Luminosity function and collective spectrum of bright high-mass X-ray binaries, implications for cosmic X-ray preheating		
15:00	<i>Pakull</i> : NGC 5408 X-2: ULX of Superlatives		
15:15	<i>Wiktorowicz</i> : The nature of the ultraluminous X-ray sources		
15:30	<i>Soria</i> : Outbursts of the intermediate-mass black hole HLX-1: a wind instability scenario		
15:45	<i>Kosec</i> : Searching for Outflows in Spectra of Ultraluminous X-ray Sources		
16:00	<i>Wolter</i> : Bright ULXs from Ring Galaxies		
16:15	<i>Ambrosi</i> : Modelling the multiwavelength emission of Ultraluminous X-ray sources accreting above Eddington		
16:30-17:00	Coffee Break & Poster Viewing		
<b>Parallel Session: Contributed Talks (Tue, June 06)</b>		<b>Room: Accademia</b>	<b>Chair: A. Papitto</b>
<b>Session: Binary &amp; ULX II</b>			
17:00	<i>Parfrey</i> : ULXs from Accreting Neutron Stars: the Light Cylinder, the Stellar Surface, and Everything in Between		
17:15	<i>Fuerst</i> : Accretion geometry and variability of ULX pulsars		
17:30	<i>Israel</i> : Pulsating ULXs: the most extreme accreting neutron stars		
17:45	<i>Mushtukov (Suleimanov*)</i> : Pulsing ULXs as highly magnetized neutron stars		
18:00	<i>Garcia</i> : X-ray Reflection from Black Hole Binary Accretion Disks: Coronal Geometry, Disk Truncation and Iron Abundance		
18:15	<i>De Marco</i> : X-ray reverberation: a tool to constrain the (evolving) disc geometry in BHXRBs		
18:30	<i>Mastroserio</i> : The effects of spectral hardness changes on reverberation lags		
18:45-19:00	<i>Axelsson</i> : Revealing new spectral components using broad-band variability of the inner accretion flow of black hole binaries		
<b>Parallel Session: Contributed Talks (Tue, June 06)</b>		<b>Room: Caudini</b>	<b>Chair: A. Tiengo</b>
<b>Session: Isolated Neutron Stars, Supernovae and their Remnants I</b>			
14:30	<i>Mereghetti</i> : A long XMM-Newton campaign on the mode-switching radio pulsar PSR B0943+10		
14:45	<i>Pintore</i> : The long-lasting tail of a bright burst from the magnetar 1E 1547.0-5408: the effect of the dust-scattering		
15:00	<i>Rea</i> : Magnetar-like emission in different neutron star classes		
15:15	<i>Mahmoodifar</i> : Where Are the R-modes? Chandra Observations of Millisecond Pulsars		
15:30	<i>G. Coelho</i> : Gravitational waves from pulsars with measured braking index		
15:45	<i>Troja</i> : An X-ray view of short duration gamma-ray bursts		
16:00	<i>Sun</i> : X-ray counterpart of gravitational waves due to binary neutron star mergers: light curves and luminosity function		
16:15	<i>Savchenko</i> : INTEGRAL follow-up of the gravitational wave events		
16:30-17:00	Coffee Break & Poster Viewing		
<b>Parallel Session: Contributed Talks (Tue, June 06)</b>		<b>Room: Caudini</b>	<b>Chair: N. Rea</b>
<b>Session: Isolated Neutron Stars, Supernovae and their Remnants II</b>			
17:00	<i>Amati</i> : Measuring cosmological parameters with Gamma-Ray Bursts: status and perspectives		
17:15	<i>Tiengo</i> : EXTraS unveils a supernova shock break-out candidate in XMM-Newton archival data		
17:30	<i>De Pasquale</i> : A strong test for the forward shock model in GRBs: the 90 Ms follow up of the X-ray afterglow of GRB 130427A		
17:45	<i>Dwarkadas</i> : Investigating the X-ray Emission from Type IIIn Supernovae		
18:00	<i>Orlando</i> : The supernova - supernova remnant connection through multi-dimensional magnetohydrodynamic modeling		
18:15	<i>Rosado</i> : Modelling Supernova Remnant kinematics and X-ray emission. Some Examples		
18:30-18:45	<i>Okon</i> : Spatially resolved spectroscopy of W28 with Suzaku		

\*Presenter if different from first author

<b>Parallel Session: Contributed Talks (Tue, June 06)</b>		<b>Room: Taurini</b>	<b>Chair: Y. Nazé</b>
<b>Session: Planets and Stars I</b>			
14:30	<i>Lisse (Dennerl*)</i> : XMM observations of Pluto		
14:45	<i>Numazawa</i> : Suzaku observation of Jovian X-rays around solar maximum		
15:00	<i>Ishi</i> : A Systematic Search for Solar Wind Charge Exchange Emission from the Earth's Exosphere with Suzaku		
15:15	<i>Maggio</i> : SPI-ing Exoplanets		
15:30	<i>Pillitteri</i> : Ages and Distances to Star Forming Regions from the synergy of X-rays and IR observations		
15:45	<i>Bonito</i> : Properties of accreting young stars and their disks: comparison between high energy observations and MHD		
16:00	<i>Guarcello</i> : Time resolved X-ray spectral analysis during optical dips and accretion bursts in stars with disks of NGC 2264 from Chandra/ACIS-I and CoRoT data		
16:15	<i>Schneider</i> : The future X-ray Sun		
16:30-17:00	Coffee Break & Poster Viewing		
<b>Parallel Session: Contributed Talks (Tue, June 06)</b>		<b>Room: Taurini</b>	<b>Chair: G. Branduardi-Raymont</b>
<b>Session: Planets and Stars II</b>			
17:00	<i>Schmitt</i> : The stellar content of soft all-sky X-ray surveys		
17:15	<i>Tsuboi</i> : Giant Stellar Flares detected with MAXI		
17:30	<i>Sasaki</i> : A Correlation on Stellar Flares detected with MAXI ~Quiescent Luminosity vs. Flare Energy		
17:45	<i>Nazé</i> : Colliding winds in evolved massive stars systems		
18:00	<i>Sugawara</i> : The X-ray monitoring of the long-period colliding wind binaries		
18:15	<i>Robrade</i> : The eROSITA all-sky survey - Stars in X-rays		
18:30	<i>Orio</i> : Nova LMC 2009 and other Magellanic Clouds Novae: increasing diversity in the nova X-ray research		
18:45-19:00	<i>Rajoelimanana</i> : Multi-wavelength properties of two supersoft X-ray sources CAL83 and RXJ0513.9-6951		

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## Wednesday, 07 June 2017

<b>Plenary Session: Invited Talks</b>		<b>Room: Auditorium</b>	<b>Chair: G.L. Israel</b>
09:00	<i>Ponti</i> : X-raying the Galactic Centre		
09:30	<i>Ingram</i> : Probing general relativistic precession around stellar-mass black holes with tomography and polarimetry		
10:00	<i>Middleton</i> : "Damn that's bright!" - why ignoring the Eddington limit is so much fun		
10:30	<i>Bachetti</i> : Ultraluminous X-ray sources		
11:00-11:30	Coffee Break & Poster Viewing		
			<b>Chair: G. Matt</b>
11:30	<i>Koliopanos</i> : ULX spectra revisited: Are accreting, highly magnetized neutron stars the engines of ultraluminous X-ray sources?		
11:45	<i>Higginbottom</i> : Radiation Hydrodynamic simulations of Coronae and Disk winds in X-ray Binaries		
12:00	<i>Done</i> : X-rays from AGN in a multi-wavelength context		
12:30	<i>Fabian</i> : An overview of results emerging from a 1.5 Ms long exposure of the highly variable AGN IRAS13224-3809		
13:00-14:30	Lunch Break		

<b>Parallel Session: Contributed Talks (Wed, June 07)</b>		<b>Room: Auditorium</b>	<b>Chair: M. Salvato</b>
<b>Session: AGN III</b>			
14:30	<i>Costantini</i> : The X-ray side of the Broad Line Region		
14:45	<i>Porquet</i> : A deep X-ray view of the bare nucleus Seyfert Ark120: unveiling the core of AGN		
15:00	<i>Marinucci</i> : Spatially resolved spectroscopy of NGC 4945		
15:15	<i>Del Moro</i> : Average broad-band X-ray spectra of the NuSTAR AGN		
15:30	<i>Middei</i> : Multi-wavelength campaign on NGC 7469: The broad-band X-ray spectrum		
15:45	<i>Tortosa</i> : NuSTAR spectral analysis of the two bright Seyfert 1 galaxies: MCG +8-11-11 and NGC6814		
16:00-16:30	Coffee Break & Poster Viewing		
<b>Parallel Session: Contributed Talks (Wed, June 07)</b>		<b>Room: Auditorium</b>	<b>Chair: E. Piconcelli</b>
<b>Session: AGN IV</b>			
16:30	<i>Lusso</i> : The physical relation between disc and coronal emission in AGN		
16:45	<i>Brenneman</i> : Illuminating the Disk/Corona/Jet Connection in NLS1 Galaxies		
17:00	<i>Buisson</i> : Long term multiwavelength studies of the corona/disc connection in AGN		
17:15	<i>Mallick</i> : Large-amplitude X-ray variability and the accretion disc/corona connection in the Seyfert 1 galaxy PG 1404+226		
17:30	<i>Ebisawa</i> : A unified spectral variation model for Seyfert 1 Galaxies observed with NuSTAR and XMM/Suzaku		
17:45-18:00	<i>La Franca</i> : Detection of faint broad emission lines in type 2 AGN: The MBH- $\sigma$ relation of type 2 AGN		
<b>Parallel Session: Contributed Talks (Wed, June 07)</b>		<b>Room: Accademia</b>	<b>Chair: D. De Martino</b>
<b>Session: Binary III</b>			
14:30	<i>Merritt</i> : The thermal state of KS 1731-260 after 14.5 years in quiescence		
14:45	<i>Khabibullin</i> : Is SS 433 a misaligned ultraluminous X-ray source? Constraints from its reflected signal in the Galactic plane		
15:00	<i>Petrucci</i> : First Optical observation of a microquasar at sub-milliarcsec scale: SS 433 resolved by VLTI/GRAVITY		
15:15	<i>Coley</i> : A Multi Wavelength Study of the Gamma Ray Binaries LMC P3 and 1FGL J1018.6-5856		
15:30	<i>Roberts M.</i> : X-ray and Optical Explorations of Spiders		
15:45	<i>Aftab</i> : X-ray reprocessing: Through eclipse spectra of high and low mass X-ray binaries		
16:00-16:30	Coffee Break & Poster Viewing		
<b>Parallel Session: Contributed Talks (Wed, June 07)</b>		<b>Room: Accademia</b>	<b>Chair: P.G. Casella</b>
<b>Session: Binary IV</b>			
16:30	<i>Gandhi</i> : Sub-second optical and X-ray timing correlations in V404 Cygni		
16:45	<i>Ferrigno</i> : A soft mHz quasi periodic oscillation in the fastest accreting millisecond pulsar		
17:00	<i>Stiele</i> : Timing studies of the soft emission in the low-hard state of black hole X-ray binaries with XMM-Newton		
17:15	<i>Vasilopoulos (Koliopanos*)</i> : Spectral and temporal properties of BeXRB pulsars during super-Eddington outbursts		
17:30	<i>Romano</i> : The Swift Supergiant Fast X-ray Transient Project		
17:45-18:00	<i>Zampieri</i> : Perspectives on Ultraluminous X-ray sources after the discovery of Ultraluminous Pulsars		

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**Parallel Session: Contributed Talks (Wed, June 07) Room: Caudini Chair: A. Bamba**  
**Session: Isolated Neutron Stars, Supernovae and their Remnants III**

14:30	<i>Miceli</i> : The physical origin of the X-ray emission from SN 1987A
14:45	<i>Kirk</i> : Particle acceleration at pulsar-wind termination shocks
15:00	<i>Matsumura</i> : A study of the origin of recombining plasmas in the supernova remnant IC 443
15:15	<i>Fraschetti</i> : Model for the broadband Crab nebula spectrum with injection of a log-parabola electron distribution at the wind termination shock
15:30	<i>Puehlhofer</i> : The XMM-Newton view of the non-thermal supernova remnant HESS J1731-347
15:45	<i>Tachibana</i> : A deep Suzaku observation of the Galactic Ia supernova remnant G306.3-0.9
16:00-16:30	Coffee Break & Poster Viewing

**Parallel Session: Contributed Talks (Wed, June 07) Room: Caudini Chair: G. Risaliti**  
**Session: Cosmology & Structure Formation I**

16:30	<i>Comastri</i> : Deep X-ray spectroscopy of obscured AGN in the Chandra Deep Field South
16:45	<i>Zappacosta</i> : Characterizing the AGN populating the NuSTAR Extragalactic Survey fields
17:00	<i>Terashima</i> : X-Ray Bright Optically Faint AGNs Found in XMM-Newton and Subaru Hyper Suprime-Cam Surveys
17:15	<i>Ricci</i> : The relation between nuclear obscuration, galaxy interactions and accretion properties of AGN
17:30	<i>Georgantopoulos</i> : Searching for faint AGN in the CDFS: an X-ray (Chandra) vs optical variability (HST) comparison
17:45-18:00	<i>Akylas</i> : Compton-thick AGN at high and low redshift

**Parallel Session: Contributed Talks (Wed, June 07) Room: Taurini Chair: M. Guainazzi**  
**Session: Athena I**

14:30	<i>Barret</i> : The Athena X-ray Integral Field Unit
15:00	<i>Rau</i> : The Wide Field Imager for Athena
15:30	<i>Guillot</i> : Athena's Constraints on the Dense Matter Equation of State from Quiescent Low Mass X-ray Binaries
15:45	<i>Lanzuisi</i> : Surveys with Athena: results from detailed SIXTE simulations
16:00-16:30	Coffee Break & Poster Viewing

**Parallel Session: Contributed Talks (Wed, June 07) Room: Taurini Chair: A. Rau**  
**Session: Athena & Current X-ray Missions II**

16:30	<i>Jennings</i> : Projected bounds on ALP-photon coupling from simulated ATHENA data
16:45	<i>Roncarelli</i> : An end-to-end X-IFU simulator: constraints on ICM kinematics
17:00	<i>De Luca</i> : EXTraS: Exploring the X-ray Transient and variable Sky
17:15	<i>Kirsch</i> : XMM-Newton mission operations - ready for its third decade
17:30	<i>Webb</i> : The 3XMM catalogue
17:45-18:00	<i>Gabriel</i> : XMM-Newton Science Analysis System (SAS): medium and long term strategy

20:30-23:00	<b>Conference Dinner: Restaurant L'Archeologia</b> Dinner speech: D. Barret
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## Thursday, 08 June 2017

<b>Plenary Session: Invited Talks</b>		<b>Room: Auditorium</b>	<b>Chair: L. Brenneman</b>
09:00	<i>Kara</i> : XMM-Newton observations of the inner accretion flow in Active Galactic Nuclei		
09:30	<i>Lobban</i> : Spectral-Timing Analysis of the Nearby QSO PG1211+143		
09:45	<i>Noda</i> : Hitomi Observations of NGC~1275: The First X-ray Microcalorimeter Spectroscopy of Fe-K $\alpha$ Lines from an Active Galactic Nucleus		
10:00	<i>Pratt</i> : Probing the hot intracluster medium with X-ray observations		
10:30	<i>Ohashi</i> : Overview of science results from Hitomi		
10:45	<i>Tashiro</i> : The X-ray Astronomy Recovery Mission		
11:00-11:30	Coffee Break & Poster Viewing		
			<b>Chair: D. Barret</b>
11:30	<i>Predehl</i> : eROSITA on SRG		
12:00	<i>Barcons</i> : The Athena science case in context		
12:30	<i>Guainazzi</i> : Athena: mission concept, study status, and optics development		
13:00-14:30	Lunch Break		
<b>Parallel Session: Contributed Talks (Thu, June 08)</b>		<b>Room: Auditorium</b>	<b>Chair: P. Uttley</b>
<b>Session: AGN V</b>			
14:30	<i>Beuchert</i> : A Suzaku, NuSTAR and XMM-Newton view on variable absorption and relativistic reflection in NGC 4151		
14:45	<i>Chartas</i> : Using Microlensing to Probe Strong Gravity Near Supermassive Black Holes		
15:00	<i>Merloni</i> : Reverberation Mapping Quasars: X-ray and broadband SED properties		
15:15	<i>Kreikenbohm</i> : Time-Resolved SEDs of Blazars Flares		
15:30	<i>Alston</i> : Phase resolving high-frequency QPOs in AGN		
15:45	<i>Jin</i> : New results on Super-Eddington Accretion Flow in NLS1s from XMM-Newton Observations		
16:00	<i>Caballero-Garcia</i> : Results from the use of the X-ray reverberation model KYNREFREV in XSPEC		
16:15	<i>Chiang</i> : X-ray Lags in PDS456 Revealed by Suzaku Observations		
16:30-17:00	Coffee Break & Poster Viewing		
<b>Parallel Session: Contributed Talks (Thu, June 08)</b>		<b>Room: Auditorium</b>	<b>Chair: A. Marinucci</b>
<b>Session: AGN VI</b>			
17:00	<i>D'Ammando</i> : The XMM-Newton view of $\gamma$ -ray emitting narrow-line Seyfert 1 galaxies		
17:15	<i>Ward</i> : The Radio to Gamma-ray SED of the Narrow-line Seyfert 1 1H0323+342		
17:30	<i>Sobolewska</i> : X-ray study of the environmental impact on the initial stages of a radio source evolution		
17:45	<i>Panessa</i> : X-ray radio galaxies		
18:00	<i>Lal</i> : Inverse-Compton emission from the radio lobes of powerful high-redshift radio galaxies		
18:15	<i>Hampel</i> : Study of a Tidal Disruption Event Candidate		
18:30	<i>Pasham</i> : A Radio Jet Regulated by an Accretion Disk Following a Stellar Tidal Disruption Flare		
18:45-19:00	<i>Boissay</i> : A hard X-ray view of the soft excess in AGN		

<b>Parallel Session: Contributed Talks (Thu, June 08)</b>		<b>Room: Accademia</b>	<b>Chair: C. Done</b>
<b>Session: Binary V</b>			
14:30	<i>Diaz Trigo:</i> Outflows in X-ray binaries		
15:00	<i>Grinberg:</i> Opening the CHOCBOX: clumpy stellar winds in Cyg X-1		
15:15	<i>Bianchi:</i> Photoionisation instability of winds in X-ray binaries		
15:30	<i>Pavlov:</i> High-speed X-ray emitting ejecta from a high-mass gamma-ray binary with a middle-aged pulsar		
15:45	<i>Poutanen:</i> Hybrid hot flow as the source of optical-to-X-ray emission of black hole binaries		
16:00	<i>Rapisarda:</i> Propagating mass accretion rate fluctuations in black hole X-ray binaries: quantitative tests		
16:15	<i>Nowak:</i> 4U 1957+11: Low mass, maximal Kerr black hole, or neutron star?		
16:30-17:00	Coffee Break & Poster Viewing		
<b>Parallel Session: Contributed Talks (Thu, June 08)</b>		<b>Room: Accademia</b>	<b>Chair: A. Ingram</b>
<b>Session: Binary VI</b>			
17:00	<i>Esposito:</i> EXTraS discovery of a 1.2-s X-ray pulsar in M31		
17:15	<i>Ludlam:</i> A Hard Look at Accreting NS LMXBs		
17:30	<i>La Palombara:</i> High-resolution spectral analysis of transient pulsars in the Small Magellanic Cloud		
17:45	<i>Papitto:</i> A propeller model for the sub-luminous accretion disk state of transitional millisecond pulsars		
18:00	<i>An:</i> Modeling X-ray and gamma-ray emission in the intrabinary shock of pulsar binaries		
18:15	<i>Sanna:</i> On the long-term orbital evolution of the accreting millisecond X-ray pulsar SAX J1808.4-3658		
18:30	<i>Bak Nielsen:</i> The X-ray Pulsar 2A 1822-371 as a super-Eddington source		
18:45-19:00	<i>Carpano:</i> Discovery of a 26.2 day period in the long-term X-ray light curve of the Be/X-ray pulsar SXP 1323		
<b>Parallel Session: Contributed Talks (Thu, June 08)</b>		<b>Room: Caudini</b>	<b>Chair: B. Stelzer</b>
<b>Session: Planets and Stars III</b>			
14:30	<i>Schwope:</i> Triggered high-state simultaneous XMM-Newton/NuSTAR observations of AM Herculis		
14:45	<i>Ness:</i> The value of qualitative conclusions for the interpretation of Super Soft Source grating spectra		
15:00	<i>Kennedy:</i> X-ray observations of FO Aqr during the 2016 low state		
15:15	<i>Zhang:</i> Multiwavelength monitoring of a very active dwarf nova AX J1549.8-5416 with an unusually high duty cycle		
15:30	<i>Sala:</i> The SSS classical nova V5116 Sgr		
15:45	<i>Mukai:</i> NuSTAR Observations of Fermi-detected Novae, V339 Delphini and V5668 Sagittarii		
16:00	<i>Delgado:</i> Early X- and HE $\gamma$ -ray emission from the symbiotic recurrent novae V745 Sco & RS Oph		
16:15	<i>Rodrigues:</i> The accretion column of AE Aqr		
16:30-17:00	Coffee Break & Poster Viewing		
<b>Parallel Session: Contributed Talks (Thu, June 08)</b>		<b>Room: Caudini</b>	<b>Chair: A. Fabian</b>
<b>Session: Accretion I</b>			
17:00	<i>Uttley:</i> A deep stare into the abyss: spectral-timing an entire binary orbit of Cygnus X-1		
17:15	<i>Walton:</i> V404 Cyg with NuSTAR: relativistic reflection, jets and spin		
17:30	<i>Nardini:</i> Transient iron fluorescence: new clues on the AGN disk/corona?		
17:45	<i>Wilkins:</i> Revealing structure within the coronae of Seyfert galaxies		
18:00	<i>Mantovani:</i> The relativistic Fe $K\alpha$ line in Seyfert 1 galaxies		
18:15	<i>Dauser:</i> Testing the Lamp Post Geometry with Relativistic Reflection		
18:30	<i>Hernandez-García:</i> Restarting activity in the nucleus of PBC J2333.9-2343		
18:45-19:00	<i>Qiao:</i> Corona accretion in active galactic nuclei and the observational test		

<b>Parallel Session: Contributed Talks (Thu, June 08)</b>	<b>Room: Taurini</b>	<b>Chair: T. Ohashi</b>
<b>Session: Clusters of Galaxies I</b>		

14:30	<i>Gu</i> : Constraints on new spectral features and atomic modeling from the Hitomi spectrum of the Perseus cluster
14:45	<i>Walker</i> : Is there a giant Kelvin-Helmholtz instability in the sloshing cold front of the Perseus cluster?
15:00	<i>Sato</i> : Measurements of resonant scattering in the Perseus cluster core with Hitomi SXS
15:15	<i>Nakashima</i> : Hitomi observation of the Perseus cluster: temperature and metal abundance in the cool-core region
15:30	<i>Ichinohe</i> : Gas motions in the Perseus galaxy cluster observed with Hitomi
15:45	<i>Mernier</i> : Radial distribution of metals in the hot intra-cluster medium as observed by XMM-Newton
16:00	<i>Ezer (Bulbul*)</i> : Chemical Enrichment History Of Abell 3112 Galaxy Cluster Out To The Virial Radius
16:15	<i>Bartalucci</i> : Using XMM and Chandra to probe the mass distribution in the most distant massive galaxy clusters
16:30-17:00	Coffee Break & Poster Viewing

<b>Parallel Session: Contributed Talks (Thu, June 08)</b>	<b>Room: Taurini</b>	<b>Chair: T. Reiprich</b>
<b>Session: Clusters of Galaxies II</b>		

17:00	<i>Kolodzig</i> : CXB surface brightness fluctuations: A new frontier of ICM structure and outskirts studies of (un)resolved galaxy clusters?
17:15	<i>Ueda</i> : Embedded spiral patterns in the massive galaxy cluster Abell 1835
17:30	<i>Zandanel</i> : Angular power spectra of eROSITA mock cluster all-skymaps
17:45	<i>Urdampilleta</i> : X-ray study of the merging double-radio-relic cluster Abell 3376 with Suzaku
18:00	<i>Inoue</i> : Detection of the second shock in the merging cluster of galaxies Abell 754
18:15-18:30	<i>Akamatsu</i> : Properties of the cosmological filament between two clusters: detection of a large-scale accretion shock by Suzaku

\*Presenter if different from first author

## Friday, 09 June 2017

<b>Plenary Session: Invited Talks</b>	<b>Room: Auditorium</b>	<b>Chair: M. Arnaud</b>
09:00	<i>Soffitta</i> : X-ray polarimetry an upcoming 'new' tool in Astronomy	
09:30	<i>de Plaa</i> : CHEERS: Chemical enrichment of clusters of galaxies measured using a large XMM-Newton sample	
10:00	<i>Pointecouteau</i> : SZ observations to study the physics of the intra-cluster medium	
10:30	<i>Eckert</i> : The XMM Cluster Outskirts Project (X-COP)	
11:00-11:30	Coffee Break & Poster Viewing	
		<b>Chair: F. Fiore</b>
11:30	<i>Nicastro</i> : The XMM-Newton View of the $x < 0.4$ Warm Hot Intergalactic Medium	
12:00	<i>Risaliti</i> : The XMM-Newton Very Large Program on Cosmology with High-Redshift Quasars	
12:30	<i>Bulbul</i> : Probing Dark Matter using X-ray Observations	
13:00	<i>Schartel</i> : Closing remarks	
13:10-14:30	Lunch Break	



<b>Parallel Session: Contributed Talks (Fri, June 09)</b>		<b>Room: Auditorium</b>	<b>Chair: F. Panessa</b>
<b>Session: AGN VII</b>			
14:30	<i>Mehdipour</i> : Chasing obscuring outflows in AGN: discovery in NGC 3783		
14:45	<i>Matzeu</i> : The evidence for a radiatively driven disc-wind in PDS 456		
15:00	<i>Parker</i> : Rapidly variable relativistic absorption		
15:15	<i>Reeves</i> : The Soft X-ray View of Ultra Fast Outflows		
15:30	<i>Mao</i> : Density diagnostics of ionized outflows in active galactic nuclei		
15:45	<i>Kriss</i> : Chasing obscuring outflows in AGN: Broad, Fast, UV and X-ray Absorption in NGC 3783 and other AGN		
16:00-16:30	Coffee Break & Poster Viewing		
<b>Parallel Session: Contributed Talks (Fri, June 09)</b>		<b>Room: Auditorium</b>	<b>Chair: A. De Rosa</b>
<b>Session: AGN VIII</b>			
16:30	<i>Braito</i> : A new candidate for a powerful wind detected in a bright IR-galaxy		
16:45	<i>Hagino</i> : The fastest disk wind in APM 08279+5255 and its acceleration mechanism		
17:00	<i>Giustini</i> : A global view of the accretion/ejection flow in AGN: the role of accretion disk winds		
17:15	<i>Silva</i> : The short and long-term variability of the warm absorber in I Zwicky 1		
17:30	<i>Ebrero</i> : An AGN emerging from an obscured state: multi-epoch monitoring of the X-ray and UV absorbers in NGC 985		
17:45-18:00	<i>Fukumura</i> : Modeling Soft Excess with GRMHD Accretion for XMM-Newton Spectra of Bright AGNs		
<b>Parallel Session: Contributed Talks (Fri, June 09)</b>		<b>Room: Accademia</b>	<b>Chair: R. Kraft</b>
<b>Session: Clusters of Galaxies &amp; Feedback III</b>			
14:30	<i>Lovisari</i> : X-ray morphological study of the ESZ sample		
14:45	<i>Reiprich</i> : Galaxy clusters from eeHIFLUGCS, to eROSITA, to Athena		
15:00	<i>Takey (Durret*)</i> : Groups and clusters in the 3XMM-Stripe 82 zone		
15:15	<i>Pinto</i> : Turbulence in the Intracluster Medium: XMM-Newton legacy		
15:30	<i>Tombesi</i> : Feeding and feedback in radio galaxies and mergers: an X-ray perspective		
15:45-16:30	Coffee Break & Poster Viewing		
<b>Parallel Session: Contributed Talks (Fri, June 09)</b>		<b>Room: Accademia</b>	<b>Chair: F. Francesco</b>
<b>Session: Clusters of Galaxies &amp; Feedback IV</b>			
16:30	<i>Kraft</i> : Buoyancy, Uplift, and AGN Feedback - Deep Chandra and XMM-Newton Observations of the Radio Outbursts in NGC 4472 and NGC 1399		
16:45	<i>Di Gesù</i> : The case of the galactic wind in the bright quasar 1H 0419-577		
17:00	<i>Schellenberger</i> : NGC 741 -- Mergers and AGN feedback on galaxy groups scale		
17:15	<i>Ogorzalek</i> : Using X-ray velocity measurements as a new probe of AGN feedback in massive galaxies		
17:30	<i>Cappi</i> : X-raying massive outflows in high-z QSOs		
17:45-18:00	<i>Birzan</i> : Understanding AGN Feedback in SZ-Selected Clusters		

\*Presenter if different from first author

<b>Parallel Session: Contributed Talks (Fri, June 09)</b>		<b>Room: Caudini</b>	<b>Chair: X. Barcons</b>
<b>Session: Future X-ray Missions I</b>			
14:30	<i>Feroci</i> : The enhanced X-ray Timing and Polarimetry mission		
15:00	<i>Marin</i> : What can X-ray polarization tell us about accreting black hole systems?		
15:15	<i>Branduardi-Raymont</i> : SMILE: Novel and global X-ray imaging of the Sun-Earth connection		
15:30	<i>Yuan</i> : Exploring transient X-ray sky with Einstein Probe		
15:45	<i>Hayashida</i> : Arcsecond and Sub-arcsecond Imaging with X-ray Multi-Image Interferometer and Imager for (very) small satellites		
16:00-16:30	Coffee Break & Poster Viewing		
<b>Parallel Session: Contributed Talks (Fri, June 09)</b>		<b>Room: Caudini</b>	<b>Chair: F. Nicastro</b>
<b>Session: Cosmology and Structure Formation II</b>			
16:30	<i>Finoguenov</i> : Cosmological constraints from X-ray all sky surveys, from CODEX to eROSITA		
16:45	<i>Conlon (Day*)</i> : The status of the 3.5 keV line		
17:00-17:15	<i>Krippendorf</i> : Bounds on Axion-like Particles from X-ray observations of AGNs and quasars		
<b>Parallel Session: Contributed Talks (Fri, June 09)</b>		<b>Room: Taurini</b>	<b>Chair: J. Nevalainen</b>
<b>Session: Galaxies I</b>			
14:30	<i>Aird</i> : Revealing the X-ray main sequence of star formation		
14:45	<i>Zezas</i> : A deep survey of the X-ray binary populations in the SMC		
15:00	<i>Sell</i> : The Classification and Analysis of Distinct X-ray Binary Populations in M81		
15:15	<i>Haberl</i> : The population of high-mass X-ray binaries in the SMC: pulsars vs. non-pulsars		
15:30	<i>Terrier</i> : An X-ray survey of the Central Molecular Zone: variability of the Fe K emission line		
15:45	<i>Chuard</i> : Fragments of the past activity of Sgr A* inferred from X-ray echoes in Sgr C		
16:00-16:30	Coffee Break & Poster Viewing		
<b>Parallel Session: Contributed Talks (Fri, June 09)</b>		<b>Room: Taurini</b>	<b>Chair: M. Ehle</b>
<b>Session: Galaxies II</b>			
16:30	<i>Gatuzz</i> : Structure of the gas in the Milky Way: X-ray absorption in the cold, warm and hot ISM		
16:45	<i>Krivonos</i> : NuSTAR and XMM-Newton observations of the Arches cluster in 2015: fading hard X-ray emission from the molecular cloud		
17:00	<i>Maggi</i> : X-raying the hot phase of the LMC interstellar medium		
17:15	<i>Kim</i> : Hot Gas in Early Type Galaxies		
17:30	<i>Nevalainen</i> : Discovery of Galactic OIV and OV X-ray absorption due to transition temperature gas in the PKS 2155-304 spectrum		
17:45-18:00	<i>Torres-Albà</i> : AGN and star formation activity in the lower-luminosity LIRGs from GOALS		

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