



# X-RAY ASTRONOMY 2019

## Friday, 13 September 2019

### POSTER SESSION: MULTI-MESSENGER AND TRANSIENT ASTRONOMY (14:00 - 14:30)

time	[id] title	presenter
14:00	[138] What makes clumpy obscuration and X-ray occultation events?	Dr BUCHNER, Johannes
14:02	[233] The place of TDE within the demography of Black Hole accretion	Mr CHAKRABORTY, Sudip
14:04	[323] The Exceptional X-ray Evolution of SN 1996cr in High Resolution	DWARKADAS, Vikram
14:06	[22] The SXPS catalogues: improved transient detection with Swift-XRT	Dr EVANS, Phil
14:08	[268] The BH XRB researches highlighted with Insight-HXMT	Mr HUANG, Yue
14:10	[161] Exponential Temporal Decay of Extended Emissions in Short Gamma-Ray Bursts with Possible Luminosity -- E-folding Time Correlation	KAGAWA, Yasuaki
14:12	[208] Classification of X-ray activities of GRS 1915+105 based on 10-year monitoring with MAXI and Swift.	KAWAI, Nobuyuki
14:14	[271] A tidal disruption event in an AGN	Dr LIU, Zhu
14:16	[67] Classifying eROSITA's Variable Source Population	Mr MALYALI, Adam
14:18	[153] NICER+NuSTAR phase-resolved spectroscopy of quasi-periodic oscillations in the X-ray binary GRS 1915+105	NATHAN, Edward
14:20	[187] X-ray/Optical Rapid Timing Correlations and the Resolving of Jet Base Activity in MAXI J1820+070	Mr PAICE, John
14:22	[219] X-RAY TO RADIO STUDIES OF TRANSITIONAL BINARY SYSTEMS	PILIA, Maura
14:24	[257] RWI in disks around high spin black hole: how does it impact the observables	VARNIERE, Peggy
14:26	[109] Detection of an IR burst in 4U 1728-34	VINCENTELLI, Federico
14:28	[188] Time Domain Studies of Neutron Star and Black Hole Populations: The Post Chandra and XMM-Newton Era	VULIC, Neven

### POSTER SESSION: COMPACT AND DIFFUSE SOURCES IN GALAXIES & IN THE GALACTIC CENTER (14:30 - 16:30)

time	[id] title	presenter
14:40	[78] Search for multiwavelength emission from the binary millisecond pulsar J1836-2354A	AMATO, Roberta
14:41	[201] Correlation between X-ray emission and stellar populations: the definitive study of nearby galaxies observed with XMM-Newton	ANASTASOPOULOU, Konstantina
14:42	[181] The long outburst of the black hole transient GRS 1716-249	BASSI, Tiziana
14:44	[17] New outburst with periodic modulation for a luminous supersoft source in NGC 300.	Dr CARPANO, Stefania
14:46	[221] Low Mass X-ray Binaries: Not conservative mass transfer and orbital evolution	Prof. DI SALVO, Tiziana

14:48	[103] Smoothed Particle Inference Analysis of Supernova Remnant DEM L71	DWARKADAS, Vikram
14:50	[9] Comparison of spectral models for disc truncation in the hard state of GX 339-4	Ms DZIEŁAK, Marta
14:52	[16] Hot gas heating via magnetic arms in spiral galaxies?	Dr EHLE, Matthias
14:56	[129] A broad-band analysis of GRS 1758-258 using long-term spectra collected by the INTEGRAL satellite	FILOTHODOROS, Alexandros
14:58	[110] How can a magnet hide its signature line? The case of 4U 1901+03 and 2S 1417-624.	FUERST, Felix
15:00	[152] A Neutron Star Ultra-Compact X-ray Binary Candidate	Dr HABERL, Frank
15:02	[291] Identifying Counterparts for the Pulsar-like Unidentified Hard Gamma-ray Objects	HUI, David C. Y.
15:04	[7] X-ray emissions from magnetic polar regions of neutron stars	Dr INOUE, Hajime
15:06	[255] X-ray Dust Scattering towards the Galactic Center	JIN, Chichuan
15:07	[273] Neutron Star Population Expected in Galactic Center Region	Prof. KARAS, Vladimir
15:08	[317] Deep X-ray Spectral Imaging of the Bow-shock Nebula associated with PSR B1929+10	KIM, Sang In
15:10	[171] Probing the building blocks of galaxies: sub-galactic scaling relations between X-ray luminosity, SFR and stellar mass	KOUROUMPATZAKIS, Konstantinos
15:11	[199] Lessons learned from ULX populations and their environment	KOVLAKAS, Konstantinos
15:12	[74] The properties of the soft excess in the transient X-ray binary pulsars of the Small Magellanic Cloud	LA PALOMBARA, Nicola
15:13	[75] The X-ray emission from hot subdwarf stars	LA PALOMBARA, Nicola
15:15	[14] XMM-Newton Survey of Magellanic Bridge	Mr LE ROUX, Ryan
15:16	[61] Searching for X-ray emission from an electron/positron pair halo with current generation and next generation X-ray telescopes	Dr LUANGTIP, Wasutep
15:17	[254] X-Ray Census of Millisecond Pulsars in the Galactic Field	Mr JONGSU, Lee
15:18	[90] 10 years of the Fermi/GBM Pulsar Project	MALACARIA, Christian
15:19	[177] Accretion in Ultracompact X-ray Binaries: A Unified Picture of 4U 1626-67	HEMPHILL, Paul
15:21	[267] A joint NICER and XMM-Newton view of the "Magnificent" thermally emitting X-ray Isolated Neutron Star RX J1605.3+3249	MALACARIA, Christian
15:23	[258] Extended X-ray Emission Around Wolf-Rayet Stars: Circumstellar Structure and Evolution	MARSTON, Anthony
15:25	[223] The Weirdest Objects in the Chandra Source Catalog 2.0. A Machine Learning Approach	Dr MARTÍNEZ-GALARZA, Rafael
15:26	[72] Diving into the whirlpool – understanding accretion in High-Mass X-ray Binaries with Vela X-1	Dr MARTÍNEZ-NÚÑEZ, Silvia
15:28	[106] X-ray Reverberation Mass Measurement of Cygnus X-1	Mr MASTROSERIO, Guglielmo
15:30	[182] Discussion on the orbital ephemeris of the ADC source X 1822-371	MAZZOLA, Simona Michela
15:32	[96] A young, contracting white dwarf in the peculiar X-ray binary HD49798/RX J0648.0–4418	MEREGHETTI, Sandro
15:34	[303] Detailed study of X-ray binary system M33 X-6 behaviour with XMM-Newton	Ms NIKOLAEVA, Svetlana
15:36	[266] NICER measurements of variability time scales i supersoft X-ray sources.	ORIO, Marina

15:38	[237] Feeding neutron stars and black holes by fresh stellar winds	Dr OSKINOVA, Lidia
15:40	[29] Timing and Spectral Analysis of Black Hole Candidate X-Ray Binary MAXI J1535-571 from NICER Observations	Mr ÖZÜDOĞRU, Özgür Can
15:41	[331] The 2017 Outburst of Swift J1357.2-0933: Variable period blue dips with a hot, dense Hell wind	PAICE, John A.
15:42	[295] Phase Lags on High Frequency Quasi-Periodic Oscillations in the transient source XTE 1701-462	Ms PEIRANO BASTÍAS, Valentina
15:43	[321] Monitoring a variable ULX in the Circinus Galaxy	PIKE, Sean
15:44	[42] Understanding super-Eddington accretion through winds in ultraluminous X-ray sources	Dr PINTO, Ciro
15:45	[204] A Chandra Legacy Observation of N132D	Dr PLUCINSKY, Paul
15:46	[66] Probing the tenuous interstellar dust medium using soft X-ray absorption features	Ms PSARADAKI, Ioanna
15:48	[65] Accretion disk atmosphere of X-ray binaries: The case of EXO 0748-676	Ms PSARADAKI, Ioanna
15:50	[104] CG X-1: AN ECLIPSING WOLF-RAYET ULX IN THE CIRCINUS GALAXY	Ms QIU, Yanli
15:52	[328] Progress in timing properties of compact X-ray binaries by SIGHT-HXMT observation	Dr QU, Jianlu
15:54	[330] Relativistic Reflection Signatures Detected from the Galactic Microquasar GRS 1758-258	REYNOLDS, Mark T.
15:56	[326] Data Mining and High Performance Computing in High-energy Astrophysics: the case of the Extragalactic X-ray pulsars.	RODRIGUEZ CASTILLO, Guillermo Andres
15:58	[322] Spin-Reversals in the X-ray Binary Pulsar OAO 1657-415	Ms SAATHOFF, Inga
16:00	[263] What can we learn from ULXs variability?	SALVAGGIO, Chiara
16:02	[175] Distribution of Matter in and around Galaxies	Dr SCHULZ, Norbert S.
16:04	[11] Variability studies of black hole X-ray binaries with NICER	STIELE, Holger
16:06	[10] Peculiar outbursts of an ultra luminous source likely signs of an aperiodic disc-wind	STIELE, Holger
16:08	[191] Accreting magnetars	TORREJON, Jose Miguel
16:10	[304] Effects of the Dust Scattering Halo of 1E 1740.7-2942 on it's timing properties during the hard state	Mr TOYRAN, Ozan
16:12	[316] A search for intermediate-mass black holes in the Swift-XRT catalog	TRANIN, Hugo
16:14	[82] Discovery of one super-Eddington neutron star in an eclipsing X-ray binary	Dr WANG, Song
16:16	[225] NuSTAR Surveys of M31 and M33: Identifying Black Holes and Neutron Stars in the X-ray Binary Populations of our Nearest Neighbors	WIK, DANIEL
16:18	[124] Universal detection of high-temperature emission in X-ray isolated neutron stars	YONEYAMA, Tomokage
16:20	[119] Spectral and temporal properties of thermal Comptonization in X-rays	Mr ZDZIARSKI, Andrzej
16:22	[269] Burst probe to XRB accretion and Insight-HXMT observation	ZHANG, Shu
16:24	[134] Using Fourier Resolved Spectroscopy to probe the X-ray variability of the BHC Swift J1753.5-0127	MANOUSAKIS, Antonios
16:26	[335] Multi-Epoch X-ray observations of globular cluster M62	OH, Kwangmin
16:28	[259] The First Hard X-Ray Survey of the Central 30 Parsec of the Galactic Center Searching for Faint High Mass X-Ray Binaries	Mr KIM, Yi Won

**POSTER SESSION: HOT AND DIFFUSE BARYONS (16:30 - 17:00)**

time	[id] title	presenter
16:30	[101] An XMM-Newton study of the hot gas in Early type galaxies	ISLAM, Nazma
16:32	[310] Merging in the Coma Cluster - Slingshot Tails and Runaway Shocks	FORMAN, William
16:34	[302] Multi-phase interplay in the jellyfish galaxy JW100	IGNESTI, Alessandro
16:36	[57] X-rays, SZ and Optical joint analysis of the hot and diffuse baryons within the Planck-detected triple-cluster systems	Mr LECOQ, Edouard
16:38	[31] Dissecting the chemical properties of the ICM in massive galaxy clusters	LIU, Ang
16:40	[91] Can we quantify the hydrostatic bias using 2D temperature maps?	Dr LOVISARI, Lorenzo
16:42	[200] Chemical enrichment in galaxy clusters, groups, and elliptical galaxies hot atmospheres	MERNIER, Francois
16:44	[261] Chandra observations of the AS0295 cluster	PASCUT, Aurelia
16:46	[325] A BCG with offset cooling: is the AGN feeding cycle broken in A2495?	Mr PASINI, Thomas
16:48	[64] X-ray properties of clusters in the C-EAGLE simulations	Ms PEARCE, Francesca
16:50	[226] X-ray and SZ scaling relations from galaxies to clusters with the IllustrisTNG simulations	POP, Ana-Roxana

**POSTER SESSION: ACTIVE GALACTIC NUCLEI (17:00 - 19:30)**

time	[id] title	presenter
17:00	[36] A Catalogue of XMM-Newton BL Lacs	Dr ÁLVAREZ CRESPO, Nuria
17:02	[240] Resolving the AGN Torus Spectrally, Spatially, and Temporally	BALOKOVIC, Mislav
17:04	[231] X-raying winds in distant QSOs: the case of the Einstein Cross	BERTOLA, Elena
17:06	[173] Exploiting the Chandra Source Catalog 2.0: the first science results	BISOONI, Susanna
17:08	[89] Supermassive Black Hole Winds in X-rays (SUBWAYS)	Dr BRUSA, Marcella
17:10	[306] X-ray reverberation in AGN: towards an extended corona	CABALLERO-GARCIA, Maria D.
17:11	[81] Uncovering luminous and highly obscured AGN with mid-infrared surveys	Prof. CARRERA, Francisco J
17:12	[217] The properties of extragalactic sources in the Chandra Source Catalog 2.0	CIVANO, Francesca
17:14	[95] The intrinsic fraction of type 2 AGN	CORRAL, Amalia
17:16	[85] Studying the geometry and dynamics of the inner motion flows in AGN via FeK line variability	COSTANZO, Deborah
17:18	[189] The AGN activity in merging galaxies observed in optical and X-ray waveband	DE ROSA, Alessandra
17:20	[180] AGN Fe-K reverberation lags explained by the outflow	Prof. EBISAWA, Ken
17:22	[44] Study of high redshift X-ray sources through an analysis of the deepest X-ray field observed by XMM-Newton	Mr ELÍAS CHÁVEZ, Mauricio
17:24	[206] Physical parameters of the torus from mid-IR and X-ray simultaneous spectral fitting	Ms ESPARZA ARREDONDO, Donaji
17:26	[179] Looking near the AGN with Chandra	Dr FABBIANO, Giuseppina
17:28	[329] Accurate Solution of the Comptonization in X-ray Reflection Models	GARCÍA, Javier

17:30	[93] Self-regulation between multiphase AGN outflows and hot halo rain	GASPARI, Massimo
17:32	[318] X-ray Spectral Fitting of AGNs in XMM-COSMOS with a Bayesian Hierarchical Method	Mr GE, Lingsong
17:34	[128] X-ray observations of IR selected AGN	Dr GEORGANTOPOULOS, Ioannis
17:36	[166] Hunting for X-ray Quasi-Periodic Eruptions: discovery of a second QPE active galactic nucleus	GIUSTINI, Margherita
17:38	[232] A global scenario for accretion/ejection around super massive black holes: the X-ray view	GIUSTINI, Margherita
17:40	[282] Scattered X-Ray Radiation in Obscured Active Galactic Nuclei	Ms GUPTA, Kriti Kamal
17:42	[54] ANEPD-CXO245: A COMPTON THICK AGN WITH DOUBLE-PEAKED NARROW LINES	Dr HERRERA-ENDOQUI, Martin
17:44	[314] X-ray properties of $z > 4$ blazars	IGHINA, Luca
17:46	[80] RELTRANS: A public model for X-ray reverberation mapping of accreting black holes	INGRAM, Adam
17:48	[47] Spectral atlas of the XMM-CDFS deep survey	IWASAWA, Kazushi
17:50	[121] On the origin of steep emissivity profiles in AGN accretion discs	Dr KAMMOUN, Elias
17:52	[122] A hard look at local Seyfert 2 galaxies with NuSTAR	Dr KAMMOUN, Elias
17:54	[135] Nuclear activity in nearby quasars	Mr RUANCUN, Li
17:56	[62] The soft gamma-ray sky observed with INTEGRAL's IBIS-PICsIT detector	Dr LUBINSKI, Piotr
17:58	[137] X-ray winds with the WINE model: a detailed photoionization treatment of relativistic outflows in quasars	LUMINARI, Alfredo
18:00	[243] Radio morphology-accretion mode link in FR II low-excitation radio galaxies	Mr MACCONI, Duccio
18:02	[34] A multi-observatory X-ray approach to characterize heavily obscured AGN	MARCHESI, Stefano
18:04	[58] Tracking the Iron $K\alpha$ line and the Ultra Fast Outflow in NGC 2992	MARINUCCI, Andrea
18:06	[97] Completing the new generation of Chandra Extragalactic Surveys with the Chandra Deep Wide-Field Survey	Dr MASINI, Alberto
18:08	[209] Solving the hard X-rays excess in the NLSy 1 TON S180	MATZEU, Gabriele
18:10	[290] Extended X-ray Emission Near PG1407+265	Dr MCDOWELL, Jonathan
18:12	[68] The XMM-Newton and NuSTAR monitoring campaign of MrK 359: a close view of the inner flows	MIDDEI, Riccardo
18:14	[70] A simple model to explain apparently complicated X-ray spectral variation of NGC5548	Mr MIDOOKA, Takuya
18:16	[53] AGN Clustering and Halo Occupation Distribution from X-ray surveys	MIYAJI, Takamitsu
18:18	[45] The origin of UFOs in AGN	MIZUMOTO, Misaki
18:20	[169] The unusual suspects. A new population of X-ray weak quasars at high redshift.	NARDINI, Emanuele
18:22	[98] The Hunt for UFOs with Chandra-HETGS	NOWAK, Michael
18:24	[195] Reflection from AGN disks and surroundings, Unification and the CXB	PANAGIOTOU, Christos
18:26	[8] The X-ray view of the repeat changing-look AGN NGC 1566	Dr PARKER, Michael
18:28	[194] Obscured AGN in the field of J1030+0524: the X-ray and optical/infrared perspective	PECA, Alessandro

18:30	[272] Nature of the coronal emission in Active Galactic Nuclei	Ms RANI, Priyanka
18:34	[230] Quasars as standard candles	RISALITI, Guido
18:36	[132] X-ray analysis of the accreting supermassive black hole in the radio galaxy PKS 2251+11	RONCHINI, Samuele
18:38	[59] Radio bimodality of Swift/BAT AGNs and SDSS quasars	Ms RUSINEK, Katarzyna
18:40	[159] The X-ray/UV luminosities relation in high-redshift quasars	SALVESTRINI, Francesco
18:42	[262] Unveiling multiphase quasar-driven outflows in PG 1114+445	SERAFINELLI, Roberto
18:44	[278] A New Sample of Soft X-ray dominated AGNs	Prof. TERASHIMA, Yuichi
18:46	[84] Tracing supermassive black hole feedback, from the event horizon up to cluster scales	TOMBESI, Francesco
18:48	[277] The connection of star-forming rates in galaxies with black hole accretion rates of AGNs	TORBANIUK, Olena
18:50	[38] The evolution of XLF of Brightest Cluster Galaxies	TOZZI, Paolo
18:52	[319] The serendipitous source catalogue from overlapping XMM-Newton observations	TRAULSEN, Iris
18:54	[332] X-ray imaging of relativistic shock in hotspots of Pictor A radio galaxy	THIMMAPPA, Rameshan
18:56	[178] Restarting activity in hard X-ray selected giant radio galaxies	URSINI, Francesco
18:58	[108] The X-ray variability of LLAGN NGC 5273	Dr VINCENTELLI, Federico
19:00	[83] Photoionisation Modelling of the Emission Line Regions in the Nucleus of NGC 7469	Mr WATERS, Sam
19:02	[327] Exploring the Diversity of Type 1 Active Galactic Nuclei Identified in SDSS-IV/SPIDERS	WOLF, Julien
19:04	[235] Revealing the Compton-thick Active Galactic Nuclei in the Two "Non-merging" Luminous Infrared Galaxies with Broadband X-ray Observations (NGC 5135 and UGC 2608)	Mr YAMADA, Satoshi
19:06	[63] Studying circumnuclear matter in Compton-thick AGN via spectroscopy and future X-ray polarimetry	ZAINO, Alessandra
19:08	[105] Constraining the size of the corona with fully relativistic calculations of spectra of extended corona	ZHANG, Wenda
19:10	[118] A sample of AGNs with known inclination angle	Mr ZHAO, Xiurui
19:12	[334] X-rays from the youngest extragalactic radio jets	SOBOLEWSKA, Malgosia

**POSTER SESSION: FUTURE MISSIONS (19:30 - 20:32)**

time	[id] title	presenter
20:00	[309] Riccardo Giacconi: X-ray Pioneer: Explorer of the Secrets of the Hoary Deep	FORMAN, William
20:02	[125] X-ray Imaging Polarimetry with a 2.5 um Pixel CMOS Sensor for Visible Light at Room Temperature	ASAKURA, Kazunori
20:04	[147] Calibrating ESA's Athena mission	Dr DE BRUIJNE, Jos
20:06	[239] Blazar under the lens of future X-ray polarimeters: perspectives for the IXPE mission	Dr DI GESU, Laura
20:08	[21] X-ray polarimetry of extended sources with IXPE	FERRAZZOLI, Riccardo

20:10	[4] XMM-Newton mission operations - preparing for the third decade	KIRSCH, Marcus
20:12	[120] Polarimetry of GRS 1915+105 in thermal state with the future IXPE mission	MIKUŠINCOVÁ, Romana
20:14	[320] VERT-X: a new calibration facility for the ATHENA mirror assembly.	MORETTI, Alberto
20:18	[324] Enhancing the ATHENA effective area at low x-ray energies with unconventional overcoatings	PARESCHI, Giovanni
20:20	[130] X-ray Spectroscopy and Polarimetry of Black Hole X-ray Binaries (BHXBs)	Mr RATHEESH, Ajay
20:22	[185] Astrophysics with the Athena/WFI in the 2030ies	Dr RAU, Arne
20:24	[265] Arcus, The Soft X-ray Grating Explorer	Dr SMITH, Randall
20:26	[24] Integration facility for the ATHENA X-ray telescope	VALSECCHI, Giuseppe
20:28	[176] The Athena Community Office	MARTÍNEZ-NÚÑEZ, Silvia
20:30	[333] Review of the particle background of the ATHENA X-IFU instrument	LOTTI, Simone