

Scientific Event Report

E Research in Astrophysics from Space

E1.1 Accreting Neutron Stars and Stellar-mass Black Holes
Main Scientific Organizer *Erkut, M. Hakan*
Deputy Organizer *Bhattacharyya, Sudip*
Degenaar, Nathalie

X-ray binaries and space missions
Chair: Bhattacharyya, Dipankar
Date: Tue, Aug 02, 2016. Room: 3B16

E1.1-0001-16 09:30 - 10:00 (solicited)
The ASTROSAT mission and study of X-ray binaries.
Somasundaram, Seetha

E1.1-0002-16 (WITHDRAWN) 10:00 - 10:30 (solicited)
Suzaku Observations of Broad-Band X-ray Spectra from Neutron-Star Low-Mass X-ray Binaries
Takahashi, Hiromitsu

E1.1-0003-16 10:30 - 10:45
Hot Collisionsal Plasma Emissions in the Ultra-compact Binary Pulsar 4U 1626-67
Schulz, Norbert S.; Marshall, Herman; Chakrabarty, Deepto

E1.1-0004-16 10:45 - 11:00
Detection of first harmonic of cyclotron line in Be/X-ray binary pulsar Cep X-4
Jaisawal, Gaurava K.; Naik, Sachindra

High Mass X-ray Binaries
Chair: Chakrabarty, Deepto
Date: Tue, Aug 02, 2016. Room: 3B16

E1.1-0005-16 11:30 - 12:00 (solicited)
High Mass X-ray Binary Pulsars
Naik, Sachindra

E1.1-0006-16 12:00 - 12:30 (solicited)
Cyclotron Resonance in Accreting Pulsars
Bhattacharyya, Dipankar

E1.1-0007-16 12:30 - 12:45
Broadband study of X-Per using Suzaku observations
Maitra, Chandreyee; Pradhan, Pragati; Paul, Biswajit; Raichur, Harsha

E1.1-0008-16 (WITHDRAWN) 12:45 - 13:00
Accretion Powered X ray Pulsars, High Mass X Ray Binaries
Baykal, Altan Team: pulsetiming

Accreting millisecond X-ray pulsars
Chair: Alpar, Mehmet Ali
Date: Tue, Aug 02, 2016. Room: 3B16

E1.1-0009-16 14:00 - 14:30 (solicited)
Quiescent emission in accreting neutron star transients: comparing Cen X-4 and the transitional millisecond pulsars
Chakrabarty, Deepto

E1.1-0010-16 14:30 - 14:45

Critical condition for the propeller effect in systems with magnetized neutron stars accreting from geometrically thin accretion disks

Ertan, Unal

E1.1-0011-16 14:45 - 15:00

Partial accretion in the propeller stage of accreting millisecond X-ray pulsars

Gungor, Can; Eksi, Kazim Yavuz; Guver, Tolga; Gogus, Ersin

E1.1-0012-16 (WITHDRAWN) 15:00 - 15:15

Recent progress of a unified view of magnetic field of NS-LMXB obtained with MAXI

Matsuoka, Masaru

E1.1-0013-16 15:15 - 15:30

Can a neutron star also have a two component advective flow?

Bhattacharjee, Ayan; Banerjee, Anuvab; Chakrabarti, Sandip Kumar

Spectral and timing studies of X-ray binaries

Chair: Chakrabarti, Sandip Kumar

Date: Tue, Aug 02, 2016. Room: 3B16

E1.1-0014-16 (WITHDRAWN) 17:00 - 17:15

Revisiting Sco X-1 with Kepler, MAXI and HERMES

Scaringi, Simone

E1.1-0015-16 17:15 - 17:30

Multi-frequency observation of high mass X-ray binary Cygnus X-3 during flares

Pal, Sabyasachi; Ishwara-Chandra, C. H.; Patra, Dusmanta; Rao, A. P.

E1.1-0016-16 17:30 - 17:45

SALT observation of X-ray pulse reprocessing in 4U 1626-67

Raman, Gayathri; Paul, Biswajit; Bhattacharya, Dipankar; Mohan, Vijay

E1.1-0017-16 (WITHDRAWN) 17:45 - 18:00

A comprehensive analysis of the spectrum of V0332+53 monitored by Swift-BAT.

Cusumano, Giancarlo; Segreto, Alberto; La Parola, Valentina

E1.1-0018-16 18:00 - 18:15

Pulse Phase Dependence of Low Energy Emission Lines in an X-ray pulsar 4U 1626-67 during its spin-up and spin-down phase

Beri, Aru; Paul, Biswajit; Dewangan, Gulab Chand

E1.1-0019-16 18:15 - 18:30

Long-term quasi-periodicity of 4U 1636-536 resulting from accretion disc instability

Wisniewicz, Mateusz; Rosinska, Dorota; Slowikowska, Agnieszka; Zdziarski, Andrzej; Janiuk, Agnieszka

Thermonuclear X-ray bursts

Chair: Zdziarski, Andrzej

Date: Wed, Aug 03, 2016. Room: 3B16

E1.1-0020-16 (WITHDRAWN) 09:30 - 10:00 (solicited)

Mass and radius constraints for neutron stars using hard-state X-ray bursts

Nättilä, Joonas; Steiner, Andrew W.; Kajava, Jari J.E.; Suleimanov, Valery; Poutanen, Juri

E1.1-0021-16 (WITHDRAWN) 10:00 - 10:15

A broad spectral feature detected during the cooling phase of a type I X-ray burst from GRS 1747-312 with Suzaku

Iwai, Masachika; Dotani, Tadayasu; Ozaki, Masanobu; Maeda, Yoshitomo; Mori, Hideyuki; Saji, Shigetaka

E1.1-0022-16 10:15 - 10:30

Probing thermonuclear flame spreading on neutron stars using burst rise oscillations

Chakraborty, Manoneeta; Bhattacharyya, Sudip

E1.1-0023-16 (WITHDRAWN) 10:30 - 10:45

The ignition site of type-I X-ray bursts on the surface of neutron stars

Zhang, Guo-Bao; Mendez, Mariano; Cumming, Andrew

E1.1-0024-16 10:45 - 11:00

X-ray reprocessing in binaries

Paul, Biswajit

Quasi-periodic oscillations in neutron star low mass X-ray binaries

Chair: Mendez, Mariano

Date: Wed, Aug 03, 2016. Room: 3B16

E1.1-0025-16 11:30 - 11:50

Correlation of QPO Frequencies with Derivatives Indicates Existence of a Non-Keplerean Disk Boundary Layer

Alpar, Mehmet Ali

E1.1-0026-16 (WITHDRAWN) 11:50 - 12:10

The nodal precession around rotating compact stars: Importance of stellar oblateness and frame dragging

Rosinska, Dorota Team: QPO

E1.1-0027-16 12:10 - 12:30

Dependence of kHz quasi-periodic oscillation frequencies on accretion-related parameters

Erkut, M. Hakan; Duran, Sivan; Çatmabacak, Önder; Catmabacak, Onur

E1.1-0028-16 12:30 - 12:45

The pulse amplitude variation with QPO frequency in SAX J1808.4-3658: Resonances with the accretion disk

Caliskan, Sirin; Sasmaz Mus, Sinem; Alpar, Mehmet Ali

E1.1-0029-16 12:45 - 13:00

Millihertz quasi-periodic oscillations always associated with bursts with positive convexity in 4U 1636-53

Lyu, Ming; Mendez, Mariano; Altamirano, Diego; Zhang, Guo-Bao

Spectral and timing properties of black hole and neutron star binaries

Chair: Psaltis, Dimitrios

Date: Wed, Aug 03, 2016. Room: 3B16

E1.1-0030-16 14:00 - 14:30 (solicited)

Quasi-periodic oscillations in black-hole and neutron-star binaries

Mendez, Mariano; Motta, Sara Elisa

E1.1-0031-16 14:30 - 15:00 (solicited)

Low-frequency quasi-periodic oscillations in black hole and neutron star LMXBs

Ingram, Adam

E1.1-0032-16 15:00 - 15:15

Lense-Thirring precession around neutron stars with known spin

Van Doesburgh, Marieke; Van Der Klis, Michiel

E1.1-0033-16 (WITHDRAWN) 15:15 - 15:30

Correlations in Horizontal Branch Oscillations and Break Components in XTE J1701-462 and GX 17+2

Bu, Qingcui

Spectral and timing properties of black hole and neutron star binaries

Chair: Ertan, Unal

Date: Wed, Aug 03, 2016. Room: 3B16

E1.1-0034-16 17:00 - 17:30 (solicited)

Spectral formation in black hole and neutron star binaries: theory vs observations

Gilfanov, Marat

E1.1-0035-16 17:30 - 18:00 (solicited)

A model of the spectra and high-frequency quasi-periodic oscillations in black hole X-ray binaries

Dexter, Jason

E1.1-0036-16 18:00 - 18:15

Evolution of spectral and temporal behaviour of MAXI J1659-152 during its 2010 outburst with TCAF Solution

Molla, Aslam Ali; Debnath, Dipak; Chakrabarti, Sandip Kumar; Mondal, Santanu; Jana, Arghajit; Chatterjee, Debjit

E1.1-0037-16 18:15 - 18:30

Energy dependence of r.m.s amplitude of low frequency broadband noise and kHz quasi periodic oscillations in 4U 1608-52

Mandal, Soma

Jets from accreting black holes and neutron stars

Chair: Stella, Luigi

Date: Thu, Aug 04, 2016. Room: 3B16

E1.1-0038-16 (WITHDRAWN) 09:30 - 10:00 (solicited)

Accretion/ejection states in black holes and neutron stars

Muñoz-Darias, Teodoro

E1.1-0039-16 10:00 - 10:30 (solicited)

Jets in black-hole and neutron-star X-ray binaries

Kylafis, Nikolaos

E1.1-0040-16 10:30 - 10:45

Decoding the Heartbeat of GRS1915+105 with NuSTAR and Chandra

Zoghbi, Abderahmen; Miller, Jon; Harrison, Fiona A.

E1.1-0041-16 (WITHDRAWN) 10:45 - 11:00 (solicited)

ASTRO-H observations of accreting neutron stars

Tsujimoto, Masahiro; Done, Chris; Cackett, Edward; Den Herder, Jan-willem; Dotani, Tadayasu; Ferrigno, Carlo; Enoto, Teruaki; Kallman, Timothy; Kohmura, Takayoshi; Laurent, Philippe; Miller, Jon; Mineshige, Shin; Mori, Hideyuki; Paerels, Frits; Nakazawa, Kazuhiro; Sugita, Satoshi; Takahashi, Hiromitsu; Tamagawa, Toru; Tanaka, Yasuyuki; Terada, Yukikatsu; Uno, Shin'ichiro; Soong, Yang

Optical, infrared, and X-ray observations of black holes and neutron stars

Chair: Kalemci, Emrah

Date: Thu, Aug 04, 2016. Room: 3B16

E1.1-0042-16 11:30 - 12:00 (solicited)

Optical/IR - X-ray variability in black hole and neutron star X-ray binaries

Gandhi, Poshak; Dhillon, Vik; Littlefair, Stuart; Hardy, Liam; Marsh, Tom; Russell, David; Casella, Piergiorgio; Malzac, Julien; Dallilar, Yigit; Eikenberry, Steve

E1.1-0043-16 12:00 - 12:15

Multi-wavelength Observations of Fast Infrared Flares from V404 Cygni in 2015

Dallilar, Yigit; Eikenberry, Steve; Garner, Alan; Stelzer, Deno; Gandhi, Poshak; Dhillon, Vik; Littlefair, Stuart; Marsh, Tom; Fender, Rob; Mooley, Kunal; Casella, Piergiorgio

E1.1-0044-16 12:15 - 12:30

On the evolutionary status of the donors in the low mass X-ray binary systems containing black holes or neutron stars

Ziolkowski, Janusz

E1.1-0045-16 12:30 - 12:45

A massive neutron star in the millisecond pulsar PSR J2215+5135

Shahbaz, Tariq

E1.1-0046-16 12:45 - 13:00

X-ray spectral and optical properties of a ULX in NGC 4258 (M106)

Avdan, Hasan; Avdan, Senay; Akyuz, Aysun; Balman, Solen; Aksaker, Nazim; Akkaya Oralhan, İnci

Disk winds and jets at low mass accretion rates

Chair: Papitto, Alessandro

Date: Thu, Aug 04, 2016. Room: 3B16

E1.1-0047-16 (WITHDRAWN) 14:00 - 14:30 (solicited)

Disk winds at low mass-accretion rates

Diaz Trigo, Maria

E1.1-0048-16 14:30 - 14:45

Detection of a Relativistic Outflow from the Galactic Microquasar GRS 1758-258 in the Hard State

Reynolds, Mark; Miller, Jon; Cackett, Edward; King, Ashley

E1.1-0049-16 (WITHDRAWN) 14:45 - 15:15 (solicited)

Collimated outflows (jets) in LMXBs at low accretion rates

Maccarone, Thomas; Gallo, Elena

E1.1-0050-16 15:15 - 15:30

Jet-induced star formation by accreting black holes: impact on stellar, galaxy, and cosmic evolution

Mirabel, Igor Felix

Disk reflection and X-ray spectral states

Chair: Wijnands, Rudy

Date: Thu, Aug 04, 2016. Room: 3B16

E1.1-0051-16 (WITHDRAWN) 17:00 - 17:30 (solicited)

Disk reflection at low mass-accretion rates from NuSTAR spectra

Fuerst, Felix

E1.1-0052-16 17:30 - 17:45

Geometry of X-ray sources in accreting black-hole binaries

Zdziarski, Andrzej

E1.1-0053-16 (WITHDRAWN) 17:45 - 18:00

The low luminosity soft state of Swift J1753.5-0127

Shaw, Aarran; Gandhi, Poshak; Altamirano, Diego; Uttley, Phil; Tomsick, John; Charles, Philip; Fuerst, Felix; Rahoui, Farid; Walton, Dominic; Rushton, Anthony

E1.1-0054-16 (WITHDRAWN) 18:00 - 18:15

A “high-hard” outburst of the black hole X-ray binary GS 1354-64

Koljonen, Karri; Russell, David; Lewis, Fraser; Corral-Santana, Jesus M

E1.1-0055-16 (WITHDRAWN) 18:15 - 18:30

Using a new joint spectral fitting technique to explore the outflow geometry of GX 339-4 during the hard state

Connors, Riley

From outburst to quiescence

Chair: Maccarone, Thomas

Date: Fri, Aug 05, 2016. Room: 3B16

E1.1-0056-16 09:30 - 10:00 (solicited)

X-ray spectral evolution of X-ray binaries from outburst to quiescence

Degenaar, Nathalie

E1.1-0057-16 (WITHDRAWN) 10:00 - 10:15

A change in the hard X-ray spectral shape of the accretion powered pulsar 4U 1626-67 during the spin-up phase

Iwakiri, Wataru

E1.1-0058-16 10:15 - 10:45 (solicited)

Multi-wavelength coverage of outburst decays of LMXBs

Kalemci, Emrah; Tomsick, John; Bailyn, Charles; Dincer, Tolga

E1.1-0059-16 (WITHDRAWN) 10:45 - 11:00

Events leading up to the 2015 June outburst of V404 Cyg

Bernardini, Federico; Russell, David; Koljonen, Karri; Shaw, Aarran; Charles, Philip; Casares, Jorge; Lewis, Fraser

Neutron star timing at low mass-accretion rates

Chair: Heinke, Craig

Date: Fri, Aug 05, 2016. Room: 3B16

E1.1-0060-16 (WITHDRAWN) 11:30 - 12:00 (solicited)

Rapid X-ray variability in accreting neutron stars and black holes at low accretion rates

Wijnands, Rudy

E1.1-0061-16 (WITHDRAWN) 12:00 - 12:30 (solicited)

Accretion in transitional millisecond radio pulsars

Papitto, Alessandro

E1.1-0062-16 (WITHDRAWN) 12:30 - 12:45

Low accretion rate in the Be/X-ray transient GRO J1750-27 containing a strongly magnetized neutron star.

Rouco Escorial, Alicia; Wijnands, Rudy

E1.1-0063-16 (WITHDRAWN) 12:45 - 13:00

The picture of V404 Cygni at the anomalous outburst

Tachibana, Yutaro; Yoshii, Taketoshi; Kawai, Nobuyuki

Black holes at low mass-accretion rates

Chair: Diaz Trigo, Maria
Date: Fri, Aug 05, 2016. Room: 3B16

E1.1-0064-16 14:00 - 14:25

Radio/X-ray searches for quiescent black holes in globular clusters

Heinke, Craig; Bahramian, Arash; Maccarone, Thomas; Chomiuk, Laura; Miller-Jones, James; Sivakoff, Gregory; Tetarenko, Bailey; Kallman, Timothy

E1.1-0065-16 (WITHDRAWN) 14:25 - 14:45

Spectral study of the hard state of GX 339-4 with XMM-Newton

Basak, Rupal; Zdziarski, Andrzej

E1.1-0066-16 14:45 - 15:10

Implications for Black Hole X-ray Binaries (BH XRBs) from the Discovery of a Field BH XRB

Sivakoff, Gregory; Tetarenko, Bailey; Chomiuk, Laura; Heinke, Craig; Maccarone, Thomas; Miller-Jones, James; Repetto, Serena Team: Field qBHXB Team

E1.1-0067-16 15:10 - 15:30

A Universal Definition and Categorization of Black Holes Hardness States:

Filothodoros, Alexandros

Evolution of spin/orbital period, donors, and accretion disks in X-ray binaries

Chair: Erkut, M. Hakan

Date: Fri, Aug 05, 2016. Room: 3B16

E1.1-0068-16 (WITHDRAWN) 17:00 - 17:15

The Curious Case of Swift J13557.2-0.933, the first very faint black hole X-ray binary

Armas Padilla, Montserrat

E1.1-0069-16 (WITHDRAWN) 17:15 - 17:30

On the Optical – X-ray correlation from outburst to quiescence in Low Mass X-ray Binaries: the representative cases of V404 Cyg and Cen X-4

Bernardini, Federico; Russell, David; Stella, Luigi; Koljonen, Karri; Hynes, Robert; Corbel, Stephen

E1.1-0070-16 (WITHDRAWN) 17:30 - 17:45

Understanding supernova kicks and black-hole spins in Galactic X-ray binaries

Fragos, Tassos; Sørensen, Mads; McClintock, Jeffrey

E1.1-0071-16 (WITHDRAWN) 17:45 - 18:00

Testing accretion disc models with LMC X-3

Kolehmainen, Mari; Done, Chris; Straub, Odele; Steiner, James

E1.1-0072-16 18:00 - 18:15

The puzzling orbital period evolution of the LMXB AX J1745.6-2901

Ponti, Gabriele; Muñoz-Darias, Teodoro; Stella, Luigi; Nandra, Kirpal

E1.1-0073-16 18:15 - 18:30

Temporal Evolution of Photons Emerging out of Two Component Advective Disks

Chatterjee, Arka; Chakrabarti, Sandip Kumar; Ghosh, Himadri

Poster Program

Author in Attendance: Sunday, 15:30 - 17:00, Poster area: B1 Poster Area

STW = Sunday, Tuesday, Wednesday / TFS = Thursday, Friday, Saturday

STW-232 E1.1-0074-16

Deconvolved spectra of Two Component Advective Flow including jet

Mondal, Santanu; Chakrabarti, Sandip Kumar; Debnath, Dipak

STW-233 E1.1-0076-16

Spectral Evolution During the Rises of X-ray Bursts Observed from 4U 1728-34

Boztepe, Tuğba; Guver, Tolga; Psaltis, Dimitrios; Ozel, Feryal

STW-235 E1.1-0078-16

On the lack of correlation between X-ray flux and kHz quasi-periodic oscillation frequencies

Catmabacak, Onur; Erkut, M. Hakan

STW-236 E1.1-0079-16

Search for a correlation between kHz quasi-periodic oscillation frequencies and accretion-related parameters in the ensemble of neutron star low-mass X-ray binaries

Çatmabacak, Önder; Duran, Sivan; Catmabacak, Onur; Erkut, M. Hakan

STW-237 E1.1-0080-16

Perturbations of the Black Hole-Torus System: Instabilities and QPOs

Donmez, Orhan

STW-238 E1.1-0081-16

The effects of spectral hardness changes on reverberation lags

Mastroserio, Guglielmo; Van Der Klis, Michiel; Ingram, Adam

STW-239 E1.1-0083-16

Optical Studies of Ultra Luminous X-ray Sources in NGC4490

Akyuz, Aysun; Avdan, Senay; Avdan, Hasan; Aksaker, Nazim

STW-240 E1.1-0084-16

Optical counterpart and environment of a ULX in NGC 5474

Avdan, Senay; Vinokurov, Alexander; Fabrika, Sergei; Atapin, Kirill; Avdan, Hasan; Akyuz, Aysun; Sholukhova, Olga; Aksaker, Nazim; Valeev, Azamat

STW-243 E1.1-0087-16

Variability properties and Disk dynamics in GX 339-4 during its outbursts

Dutta, Broja Gopal; Chakrabarti, Sandip Kumar

STW-244 E1.1-0088-16

The discovery and modeling of energy dependent time-lags and fractional RMS of heartbeat state in GRS 1915+105

Mir, Mubashir; Misra, Ranjeev; Pahari, Mayukh; Iqbal, Naseer

STW-245 E1.1-0089-16

Study of viscosity parameter in accretion disks around black holes with outflows: An analysis of 2010-11 outburst of GX 399-4.

Nagarkoti, Shreeram; Chakrabarti, Sandip Kumar

STW-246 E1.1-0090-16

Similarities in accretion dynamics in IGR J17091-3624 and GRS 1915+105 as revealed by the study of Comptonizing Efficiency

Pal, Partha Sarathi; Chakrabarti, Sandip Kumar

STW-247 E1.1-0091-16

Spectral and timing properties of MAXI J1836-194 during its 2011 outburst and estimation of mass with TCAF solution

Jana, Arghajit; Debnath, Dipak; Chakrabarti, Sandip Kumar; Mondal, Santanu; Molla, Aslam Ali; Chatterjee, Debjit

E1.1-0095-16

A spectral-timing analysis of the kHz QPOs in 4U 1636-53: the frequency-energy resolved RMS spectrum

Ribeiro, Evandro M.; Mendez, Mariano; De Avellar, Márcio G. B.; Zhang, Guo-Bao

E1.1-0098-16

The future of High-Frequency QPOs and the Spectral-timing Revolution

Altamirano, Diego

TFS-215 E1.1-0099-16

Long Time Variable Source J141648.7+522558

Cesur, Nergis; Hudaverdi, Murat

E1.1-0108-16

Summary talk

Mendez, Mariano

E1.1-0109-16

(Bayesian) Inference for X-ray Timing

Huppenkothen, Daniela

TFS-216 E1.1-0110-16

An X-ray timing and spectral analysis of the AGN NGC 4051

Triani, Dian Puspita; Mendez, Mariano; Kunjaya, Chatief; Putra, Mahasena

E1.1-0111-16

Timescale-dependent X-ray Reverberation in AGN: Decoding the relativistic spectro-timing response

Zoghbi, Abderahmen; Miller, Jon

TFS-214 E1.1-0112-16

A spectral-timing study of the low-frequency quasi-periodic oscillations in the black-hole candidate GX 339-4

Wang, Yanan; Mendez, Mariano; Altamirano, Diego; Belloni, Tomaso

E1.1-0113-16

Disk Structure of Cataclysmic Variables in the light of Broadband Noise Characteristics

Balman, Solen

TFS-222 E1.1-0114-16

Viscosity profile and Quasi Periodic Oscillation frequency of few transient black hole candidates

Mondal, Santanu; Debnath, Dipak; Chakrabarti, Sandip Kumar; Jana, Arghajit; Molla, Aslam Ali; Chatterjee, Debjit

E1.1-0115-16

Characterization of H 1743-322 during its 2003 outburst with TCAF Solution.

Nagarkoti, Shreeram; Debnath, Dipak; Chakrabarti, Sandip Kumar; Chatterjee, Arka; Mondal, Santanu

E1.1-0117-16

Rapid variability as a probe of warped space-time around accreting black holes

Axelsson, Magnus

E1.1-0118-16

RMS Spectral Modelling - a powerful tool to probe the origin of variability in Active Galactic Nuclei

Mallick, Labani; Dewangan, Gulab Chand; Misra, Ranjeev

E1.1-0122-16

Precession of orbits around the stellar-mass black hole in H 1743-322

Ingram, Adam

E1.1-0126-16

Spectral fits with TCAF model : A global understanding of both temporal and spectral properties of black hole sources

Debnath, Dipak; Chakrabarti, Sandip Kumar; Mondal, Santanu; Pal, Partha Sarathi; Jana, Arghajit; Molla, Aslam Ali; Chatterjee, Debjit

TFS-221 E1.1-0127-16

Accretion disc geometry evolution of GRS 1915+105 during its plateau states

Pal, Partha Sarathi; Dutta, Broja Gopal; Chakrabarti, Sandip Kumar

E1.1-0128-16

ASTROSAT/LAXPC observations of X-Ray binaries: A new window to hard X-Ray science aspects

Pahari, Mayukh; Misra, Ranjeev; Yadav, Jagdish Singh; Antia, H. M.

E1.1-0133-16

Geometry of X-ray sources in accreting black-hole binaries

Zdziarski, Andrzej

E1.1-0134-16

Correlating the Spectral and Nonlinear/Timing Properties of Black Holes

Adegoke, Oluwashina; Mukhopadhyay, Banibrata; Ramadevi, M. C; Bhattacharya, Debbijoy

TFS-217 E1.1-0136-16

Periodic X-ray Modulation and its Possible Relation with Eccentricity in Black Hole Binaries : Long-Term Swift/BAT and RXTE/ASM Data Analysis

Ghosh, Arindam; Chakrabarti, Sandip Kumar

TFS-218 E1.1-0137-16

Inclination dependent time lag properties in Black hole binaries

Dutta, Broja Gopal; Chakrabarti, Sandip Kumar

TFS-219 E1.1-0138-16

Mass estimation of MAXI J1659-152 during spectral and temporal analysis with TCAF and POS models

Molla, Aslam Ali; Debnath, Dipak; Chakrabarti, Sandip Kumar; Mondal, Santanu; Jana, Arghajit; Chatterjee, Debjit

Poster Program

Author in Attendance: Tuesday, 15:30 - 17:00, Poster area: B1 Poster Area

See page 7

Poster Program

Author in Attendance: Wednesday, 15:30 - 17:00, Poster area: B1 Poster Area

See page 7