

Time-Domain Astronomy: A High Energy View

ESAC, 13-15 June 2018

Topic A: Statistics, Methodology, and Tools

Place	First Author		Title
A1	Anton	Chernenko	Global Fit Time Resolved Spectroscopy: Getting the Most from Low Count Rate Data
A2	Ruolan	Jin	An X-ray source population study in NGC 7331
A3	Matthias	Kühnel	Automated detection and analysis of Be X-ray binary outbursts
A4	Saikruba	Krishnan	Tools for Period Searching in AGN in the Era of "Big Data"
A5	Richard	Saxton	HILIGT - an upper limit and flux server for photon-counting instruments

Topic B: Variable Multiwavelength Emitters and Multiwavelength Facilities

Place	First Author		Title
B1	Stefano	Ciprini	The e-ASTROGAM space mission for MeV-GeV gamma-ray astrophysics
B2	Walid	Majid	Magnetar-like Activity and Radio Variability from High Magnetic Field Pulsar J1119- 6127
B3	Heidi	Thiemann	Towards the SuperWASP - XMM stellar rotation-activity relation

Topic C: Timing from Accretion and Ejection Phenomena

Place	First Author		Title
C1	William	Alston	Probing the inner accretion region with the deepest XMM-Newton observation of a highly variable AGN
C2	Sivan	Ben Haim	X-Ray Spectrum of RBS 315: Absorption or Intrinsic Curvature
C3	Stefania	Carpano	23.8 h QPO in the Swift light curve of XMMU J134736.6+173404
C4	Andrej	Dobrotka	Morfology of the fast variability in selected AGNs observed by XMM-Newton
C5	Hung-En	Hsieh	Phase resolved spectrum analysis of mHz QPOs in 4U 1636-53 using Hilbert-Huang Transform
C6	Alex	Markowitz	Complex Circumnuclear Structures in the Radio-Loud AGN Mkn 6 from X-ray Absorption Variability
C7	Christos	Panagiotou	Mildly obscured AGN and the CXB: From averaged properties to individual sources
C8	Edwige	Pezzulli	The rapid growth of black holes in the early Universe
C9	José Joaquín	Rodes	Long-term variability of high-mass X-ray binaries with MAXI
C10	Ekaterina	Sokolova-Lapa	Radiative transfer in the neutron star atmosphere: reflection model
C11	Lucile	Van Box Som	Fast quasi-periodic oscillations in magnetic cataclysmic variables
C12	Peggy	Varniere	Living on the edge: the RWI in accretion disk around Kerr Black hole
C13	Peggy	Varniere	NOVAs: a Numerical Observatory of Violent Accreting systems

Topic D: Timing from Accretion and Ejection Phenomena

Place	First Author		Title
D1	Stefano	Ciprini	General Relativity through OJ 287 light curve timing
D2	Lorenzo	Ducci	Fast X-ray flares and quiescent emission from the quadruple system GT Muscae
D3	Jorge	Sanz-Forcada	Seven years in the cyclic coronal life of iota Hor
D4	Beate	Stelzer	Calibrating the time-evolution of the X-ray emission of M dwarfs

Topic E: Explosive Astrophysics/Fast Astrophysics

Place	First Author		Title
E1	Sergei	Grebenev	Multiple X-ray bursts and the model of a spreading layer of accreting matter over the neutron star surface
E2	Satoru	Katsuda	Two Distinct-Absorption X-Ray Components from Type IIa Supernovae: Evidence for Asphericity in the Circumstellar Medium
E3	Inés	Pastor Marazuela	Searching for fast transients in XMM-Newton data