

PROGRAMME

Time-Domain Astronomy: A High Energy View

Wednesday, 13 June 2018

09:00-09:25	Registration & Coffee	
		Chair: Wilms
09:25	<i>Schartel, Norbert</i> - Introduction	
09:30	<i>Middleton, Matthew</i> - Astronomy Through the Kaleidoscope	
10:00	<i>Haggard, Daryl</i> - Discovery and Opportunity in the X-ray Time Domain	
10:30	<i>De Luca, Andrea</i> - EXTraS: Exploring the X-ray Transient and Variable Sky	
10:45	<i>Turpin, Damien (GWAC-Team)</i> - A Network of Optical Telescopes Dedicated to the Early Follow-up of Multi-Messenger Triggers	
11:00-11:30	Coffee Break & Poster Viewing	
		Chair: Díaz Trigo
11:30	<i>Hodgkin, Simon</i> - Mapping the Transient Sky with Gaia	
12:00	<i>Amati, Lorenzo</i> - The Transient High Energy Sky and Early Universe Surveyor (THESEUS)	
12:15	<i>Webb, Natalie</i> - Automatic Detection of Tidal Disruption Events and Other Long Duration Transients in XMM-Newton Data	
12:30	<i>Behar, Ehud</i> - Time Domain X-ray Astrophysics: ISS/TAO	
12:45	<i>Ness, Jan-Uwe</i> - Challenges of Coordination and Possible Solutions	
13:00	<i>Hassan, Tarek</i> - Studying Optical and Very-High-Energy Gamma-ray Variability with Imaging Atmospheric Cherenkov Telescopes	
13:15	<i>Russell, David</i> - Optical Precursors to X-ray Binary Outbursts	
13:30-15:00	Lunch Break	
		Chair: Migliari
15:00	<i>Walter, Roland</i> - Variable Cosmic-ray Acceleration in Eta Carinae	
15:30	<i>Argiroffi, Costanza</i> - High Energy Emission and its Variability in Young Stellar Objects	
16:00	<i>Coffaro, Martina</i> - First Evidence of an X-ray Activity Cycle on the Young Solar-Analog Epsilon Eridanae	
16:15	<i>Guarcello, Mario Giuseppe</i> - Simultaneous Kepler and XMM Observations of Bright Flares in the Pleiades	
16:30-17:00	Coffee Break & Poster Viewing	
		Chair: Ness
17:00	<i>Huppenkothen, Daniela</i> (remote) - Machine Learning and Data Science in the Era of Survey Astronomy	
17:30	<i>Sala, Gloria</i> - Accretion, Ejection and Variability in CVs and Novae	
18:00	<i>Sciortino, Salvatore</i> - The Complex Phenomena of YSOs Revealed by Their X-ray Variability	
18:30	End of Day 1 - Shuttle Bus to Madrid	

Thursday, 14 June 2018

Chair: Zezas

09:15	<i>De Marco, Barbara</i> - An X-ray Spectral-Timing (re)View of the Inner Flow Around Accreting Black Holes
09:45	<i>Balman, Solen</i> - Disk Structure of Cataclysmic Variables and Broadband Noise Characteristics in Comparison with XRBs
10:00	<i>Baglio, Maria Cristina</i> - The Flickering Jet of MAXI J1535-571
10:15	<i>Linares, Manuel</i> - Compact Binary Millisecond Pulsars: New Views from X-ray and Optical Variability
10:30	<i>Bozzo, Enrico</i> - IGR J17329-2731: the Birth of a Symbiotic X-ray Binary
10:45	<i>Díaz Trigo, María</i> - The Evolving Jet Spectrum of the Neutron Star X-ray Binary Aql X-1 in Transitional States During its 2016 Outburst

11:00-11:30 Coffee Break & Poster Viewing

Chair: Bozzo

11:30	<i>Parker, Michael</i> - Rapid Variability of Ultra-Fast Outflows and Timing Prospects
11:45	<i>Saeedi, Sara</i> - XMM-Newton study of the symbiotic binary systems in the Draco dwarf spheroidal galaxy
12:00	<i>Stiele, Holger</i> - Energy Dependent Timing Studies of the Low-Hard State of Black Hole X-ray Binaries with XMM-Newton
12:15	<i>Vincentelli, Federico</i> - Multiwavelength Variability of GX 339-4 during its 2015 Outburst Decay
12:30	<i>Islam, Nazma</i> - Global Radio versus Bolometric X-ray Flux Correlation in the Black Hole X-ray Binary GX 339-4
12:45	<i>Chakraborty, Sudip</i> - Disk-Jet Alignment in Tidal Disruption Events: Hints from Swift J1644+57
13:00	<i>Mahmoud, Raád</i> - Spectral-Timing Models: The Key to XRB Accretion
13:15	<i>Erkut, Mehmet Hakan</i> - Variability from Weakly Magnetized Neutron Stars in Low-Mass X-ray Binaries to Highly Magnetized Neutron Stars in Ultra-Luminous X-ray Sources

13:30-15:00 Lunch Break

Chair: Haggard

15:00	<i>Fürst, Felix</i> - Variability of Strongly Magnetized Neutron Stars and How This Helps Us to Understand These Systems Better
15:30	<i>Townsend, Lee</i> - Super-Eddington X-ray Pulsars in the Magellanic Clouds
15:45	<i>Bogdanov, Slavko</i> - Coordinated Multi-wavelength Observations of Transitional Millisecond Pulsars
16:00	<i>Carpano, Stefania</i> - Discovery of a New ULX Pulsar in NGC 300
16:15	<i>Hu, Chin-Ping</i> - Is there any Correlation between Radiative Outbursts and Timing Irregularities in Magnetars?

16:30-17:00 Coffee Break & Poster Viewing

Chair: Lusso

17:00	<i>Petroff, Emily</i> - Fast Radio Bursts
17:30	<i>Bogdanov, Slavko</i> - Coordinated X-ray and Radio Observations of the Repeating Fast Radio Burst FRB 121102
17:45	<i>Corbet, Robin</i> - Hunting for Binaries in the Fermi FL8Y List: Timing and Multiwavelength Analysis

18:00 End of Day 2 - Shuttle Bus to Madrid

20:00 **Cocktail Dinner: Azotea del Círculo de Bellas Artes**

Friday, 15 June 2018

Chair: Ebrero	
09:00	<i>Poppenhaeger, Katja</i> - How Stars and Planets Interact: a Look Through the High-Energy Window
09:30	<i>Smith, Krista Lynne</i> - The Vast Potential of Exoplanet Hunting Satellites for High Energy Time Domain Astrophysics
09:45	<i>Peretz, Uria</i> - Hardness Ratio Cycles in AGN - Classifying Different States, and the Possible XRB Connection
10:00	<i>Tanvir, Nial</i> - Multiwavelength Studies of Gravitational Wave Sources: Physics and Phenomenology
10:30	<i>Bogdanovic, Tamara</i> - Understanding Accretion in Supermassive Black Hole Binaries
11:00-11:30	Coffee Break & Poster Viewing
Chair: De Marco	
11:30	<i>Li, Dongyue</i> - Identifying the XMM-Newton Slew Variable Source Population and the Implication for Einstein Probe
11:45	<i>Kara, Erin</i> - X-ray Observations of Tidal Disruption Events in the Era of Time Domain Astronomy
12:00	<i>Behar, Ehud</i> - X-ray and mm-Wave Monitoring of Radio Quiet AGNs
12:15	<i>Buisson, Douglas</i> - Using Multiwavelength Spectral Variability to Uncover the Accretion Structure in AGN
12:30	<i>Done, Chris</i> - The Nature of the Soft X-ray Excess in AGN
12:45	<i>Wagner, Stefan</i> - Biases in Gamma-ray and MWL Timing Studies of AGN
13:00	<i>Mallick, Labani</i> - High-Density Relativistic Reflection as the Origin of Soft and Hard X-ray Excess in Highly-Accreting AGN
13:15	<i>Matzeu, Gabriele</i> - Rapid X-ray Spectral Variability Observed in the Star Forming Galaxy MCG-3-58-007
13:30-15:00	Lunch Break
Chair: Markowitz	
15:00	<i>Tiengo, Andrea</i> - Fast Extragalactic Transients in the XMM-Newton Archive
15:15	<i>Pintore, Fabio</i> - Can X-ray Dust-Scattering Affect the GRB Afterglows?
15:45	<i>Lusso, Elisabeta</i> - Multiwavelength variability in AGN surveys: implications for accretion
16:15-16:45	Coffee Break & Poster Viewing
Chair: Schartel	
16:45	<i>Papadakis, Iossif</i> - The X-ray Continuum Time-Lags and Intrinsic Coherence in AGN
17:00	<i>Saxton, Richard</i> - Observations of Tidal Disruption Events: Past, Present and Future
17:15	<i>Barentsen, Geert</i> (remote) - The Kepler/K2 Supernova Experiment
17:30	<i>Wilms, Jörn</i> : Final remarks
17:35	End of Workshop - Shuttle Buses to Airport and to Madrid