

15 years INTEGRAL Symposium:

Energetic Time Domain
Astrophysics

16-20 October 2017, Venice, Italy

Scientific Organizing Committee (SOC)

Pietro Ubertini (Co-Chair)	INAF-IAPS, Roma (I)
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Diego F. Torres	ICREA/IEEC-CSIC, Barcelona (ES)
Ed van den Heuvel	University of Amsterdam (NL)
(Neil Gehrels) D. Hartmann	Clemson Univ. (USA)
Sergei Grebenev	IKI, Moscow (RF)
Wim Hermsen	SRON, Utrecht (NL)
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Jean-Pierre Roques	IRAP, Toulouse (F)
Roland Diehl	MPE, Garching (D)
Soren Brandt	DTU Space, Copenhagen(DK)
Miguel Mas-Hesse	INTA, Madrid (E)
Carlo Ferrigno	ISDC, Versoix (CH)
Francesca Panessa	INAF-IAPS, Roma (I)
Rashid Sunyaev	IKI Moscow (RF), MPA Garching (D)
Erik Kuulkers	ESA ESAC, Madrid (E)
Peter Kretschmar	ESA ESAC, Madrid (E)
Norbert Schartel	ESA ESAC, Madrid (E)

+ TBD

Topics

- X-ray binaries: black holes, neutron stars, and white dwarfs
- Isolated neutron stars (gamma-ray pulsars, magnetars)
- Nucleosynthesis (SNe, Novae, SNRs, ISM) and γ -ray lines, including 511 keV
- Massive black holes in AGNs (blazars, and the nucleus of the Milky Way)
- Sky surveys, source populations and new class of unidentified sources
- Gamma-ray bursts
- Future instruments and missions

Energetic Time Domain Astrophysics Sessions

1. New Astronomies and strategies
2. Outbursting sources (BHC, NS, AGN...)
3. Accretion and ejection
4. Gamma-ray spectroscopy
- 5.... else?

Invited speakers.....

- Rashid Sunyaev
- Neil Gehrels
- Marica Branchesi
- Tomaso Belloni
- Alessandro Chieffi
-many more to be suggested