

626. Wilhelm und Else Heraeus Seminar - Neutron Stars: A Cosmic Laboratory for Matter under Extreme Conditions

Wednesday 26 October 2016

Afternoon Session (14:15-18:15)

time	[id] title	presenter
14:15	[6] Observational properties of thermally emitting isolated neutro stars: Pulse profiles, compactness, kinematic ages, temperatures, magnetic fields, viewing geometry, etc.	HAMBARYAN, Valeri
15:00	[7] Constrains on the equation of state of neutron star cores from hypernuclear binding energies	PEDERIVA, Francesco
15:45	Coffee Break	
16:15	[10] Spectral and temporal variation during extended tail emission phase of magnetar bursts	CHAKRABORTY, Manoneeta
16:40	[11] Modelling pulsar glitches	HASKELL, Brynmor
17:05	[12] Study of nuclear pasta with molecular dynamics simulations	NANDI, Rana
17:30	[13] Neutron star equation of state constraints with NICER	BOGDANOV, Slavko

Thursday 27 October 2016

Afternoon Session (14:00-18:20)

time	[id] title	presenter
14:00	[21] Equation of state for nucleonic and hyperonic neutron stars with mass and radius constraints	TOLOS, Laura
14:45	[22] Measuring neutron star radii from X-ray burst spectra	POUTANEN, Juri
15:30	Coffee Break	
16:00	[23] Magnetic field evolution of neutron stars with ambipolar diffusion	PASSAMONTI, Andrea
16:25	[24] Coherent oscillations and the evolution of the apparent emission area in the decaying phase of X-ray bursts	MENDEZ, Mariano
16:50	[25] High-mass twin stars as evidence for quark matter in compact stars	BLASCHKE, David
17:35	[26] Improving constraints on the neutron star radius	HEINKE, Craig

Friday 28 October 2016

Afternoon Session (14:15-17:15)

time	[id] title	presenter
14:15	[32] Flash Presentation of Posters	
15:15	Coffee Break	
15:45	[33] Dynamics and gravitationalwave emission of neutronstar mergers	BAUSWEIN, Andreas
16:30	[34] New advances and open problems in the magneto-thermal evolution of neutron stars	PONS, Jose