

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

Wednesday 26 October 2016

Morning Session (09:00-12:45)

time	[id] title	presenter
09:00	[15] Welcome	
09:15	[2] Equation of state and neutron star properties constrained by chiral effective field theory and observations	SCHWENK, Achim
10:00	[3] Neutron star properties from pulsar observations	KRAMER, Michael
10:45	Coffee Break	
11:15	[4] Those infernal r-modes	ANDERSSON, Nils
12:00	[5] Transport processes in neutron stars: from crust to the quark core	SEDRAKIAN, Armen

Thursday 27 October 2016

Morning Session (09:00-12:30)

time	[id] title	presenter
09:00	[17] Thermal and transport properties of neutron stars	REDDY, Sanjay
09:45	[18] Relativistic models for pulsar glitches with realistic equations of state	OERTEL, Micaela
10:30	Coffee Break	
11:00	[19] Neutron star mass measurements in binary radio pulsars	FREIRE, Paulo
11:45	[20] Inhomogeneous chiral symmetry breaking in dense neutron-star matter	BUBALLA, Michael

Friday 28 October 2016

Morning Session (09:00-12:45)

time	[id] title	presenter
09:00	[27] The Wilhelm and Else Heraeus Foundation	JORDA, Stefan
09:15	[28] Structure and Properties of NeutronStar Crusts Within the Nuclear Energy Density Functional Theory	CHAMEL, Nicolas
10:00	[29] Neutron star atmosphere models as a tool for understanding neutron star physics	SULEIMANOV, Valery
10:45	Coffee Break	
11:15	[30] Rapid rotation, pulsed Xrays, and the neutron star equation of state	MORSINK, Sharon
12:00	[31] A classification scheme to discriminate different forms of dense matter	SCHWENZER, Kai

Saturday 29 October 2016

Morning Session: Morning Session (09:00-12:30)

time	[id] title	presenter
09:00	[58] A search programme for glitches in radio pulsars at the UTMOST telescope	JANKOWSKI, Fabian
09:25	[59] R-modes and neutron star recycling scenario	CHUGUNOV, Andrei
09:50	[60] Spin and magnetic field evolution of rotationally powered pulsars	EKSI, Kazim
10:15	Coffee Break	
10:45	[61] Fast Radio Bursts and their Possible Neutron Star Origin(s)	HESSELS, Jason
11:30	[62] The Condensed Matter Physics of Neutron Star Crusts	PETHICK, Chris
12:15	[63] Closing Address	