

PHAROS Conference 2020: The multi-messenger physics and astrophysics of neutron stars

Monday, 30 March 2020

Parallel 3B - Room 2 (16:30 - 18:30)

time	[id] title	presenter
16:30	[74] Superconducting phases in a two-component microscale model of neutron star cores	Dr GRABER, Vanessa
16:45	[109] Simulations of the magnetic field evolution in neutron star cores in the strong-coupling regime	CASTILLO ANDAHUR, Francisco
17:00	[81] Instability of twisted magnetar magnetospheres	MAHLMANN, Jens
17:15	[134] Crust-Magnetosphere Feedback	Mr CHOULIARAS, George
17:30	[18] Current closure through the neutron star crust	Dr KARAGEORGOPOULOS, Vasileios
17:45	[144] Axisymmetric equilibrium models for magnetised neutron stars in Scalar-Tensor Theories	SOLDATESCHI, Jacopo
18:00	[176] Perturbation to a magnetic neutron star with shear modulus	Mr BERA, Prasanta
18:15	[190] The effects of localized heating in the crust of a neutron star	Mr DAVIDE, De Grandis

Tuesday, 31 March 2020

Parallel 3B - Room 2 (16:30 - 18:00)

time	[id] title	presenter
16:30	[112] Predicting Broadband Emission from Millisecond Pulsar Binaries	Dr WADIASINGH, Zorawar
16:45	[174] Radio pulsations from the *Fermi*-LAT source 3FGL J2039.6-5618	Dr CORONGIU, Alessandro
17:00	[95] The Variable Redback PSR J2039-5617	CLARK, Colin
17:15	[157] Does the black widow PSR J1555-2908 have an additional planetary companion?	NIEDER, Lars
17:30	[175] The Magnetic Field Structure of Pulsating Ultra-Luminous X-ray Sources	Mr NABIL, Brice
17:45	[57] Common–Envelope Episodes that lead to Double Neutron Star formation	Dr VIGNA GOMEZ, Alejandro

Wednesday, 1 April 2020

Parallel 3B - Room 2 (16:30 - 18:15)

time	[id] title	presenter
16:30	[170] New neutron star solutions in tensor-multi-scalar theories	YAZADJIEV, Stoytcho
16:45	[169] Scalarized neutron stars with a massive scalar field – astrophysical implications	Dr DONEVA, Daniela
17:00	[173] Radiation Transport in First-Principles Simulations of Merger Remnant Accretion Disks	Ms LOWELL, Beverly
17:15	[8] Rotating neutron stars with non-barotropic thermal profile	CAMELIO, Giovanni
17:30	[180] Fast Rotating Relativistic Stars: Spectra and Stability without Approximation	Dr KRUEGER, Christian
17:45	[142] Gravitational-wave-driven tidal secular instability in neutron star binaries	PNIGOURAS, Pantelis
18:00	[183] Cracking and convective stability of self-gravitating anisotropic polytropic spheres in general relativity	Mr SUÁREZ, Daniel