

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

Monday, 30 March 2020

Parallel 2A - Room 1 (14:30 - 16:00)

time	[id] title	presenter
14:30	[23] Empirical constraints on the high-density equation of state from multi-messenger observables	FERREIRA, Márcio
14:45	[76] Bayesian Inference of the Neutron Star Equation of State from Astrophysical Observations	Ms TRAVERSI, Silvia
15:00	[127] Hot-Neutron Rich Nuclear Matter Studied with the BCPM Nuclear Energy Density Functional	Ms DEHMAN, Clara
15:15	[43] Tidal deformations of hybrid stars with sharp phase transitions and elastic crusts	Dr PEREIRA, Jonas
15:30	[78] Tidal Deformability, Phase Transitions and Stiffness of the Nuclear Equation of State	Mr CHRISTIAN, Jan-Erik
15:45	[60] Effect of particle diffusion on damping of neutron star oscillations	KRAAV, Kirill

Tuesday, 31 March 2020

Parallel 2A - Room 1 (14:30 - 16:00)

time	[id] title	presenter
14:30	[172] From Fermi and NICER data to Pulsar Magnetosphere Models	Dr KALAPOTHARAKOS, Constantinos
14:45	[15] Introducing a novel approach for modelling pulsar light curves together with their spectral energy distribution	F TORRES, Diego
15:00	[40] Joint radio and X-ray modelling of PSR~J1136+1551	PÉTRI, Jérôme
15:15	[61] Understanding the radio beam of PSR J1136+1551 through its single pulses	Ms OSWALD, Lucy
15:30	[151] Very cool gamma-ray pulsar J1957+5033	Dr ZYUZIN, Dmitry
15:45	[16] Some Glimpses of Plasma Process Involved on Modelling of Radio Pulsar's Power spectra	Mr ROY, Tridib

Wednesday, 1 April 2020

Parallel 2A - Room 1 (14:30 - 16:00)

time	[id] title	presenter
14:30	[110] Is there a pulsar wind nebula or a disk around RX J0806.4-4123?	Dr POSSELT, Bettina
14:45	[167] An HD numerical model of the G21.5-0.9 Pulsar Wind Nebula	OLMI, Barbara
15:00	[9] Discovery of subsecond jet variability in an accreting neutron star	Dr VINCENTELLI, Federico
15:15	[154] Dramatic spectral changes at very low luminosity state of X-ray pulsars	MUSHTUKOV, Alexander
15:30	[48] The puzzling NS LMXB 1RXS J180408.9-342058 in intermediate state	MARINO, Alessio
15:45	[70] Investigation of emission and variability behavior of accreting neutron star LMXB 4U 1724-30	CHAKRABORTY, Manoneeta

Thursday, 2 April 2020

Parallel 2A - Room 1 (14:30 - 16:15)

time	[id] title	presenter
14:30	[119] Observational signatures of superfluid neutron star turbulence	HASKELL, Brynmor
14:45	[36] The impact of glitches on the rotational evolution of young pulsars	LOWER, Marcus
15:00	[147] Vortex pinning in the superfluid core of neutron stars and the rise of pulsar glitches	SOURIE, Aurélien
15:15	[35] Vortex dynamics in neutron stars	Dr ANTONELLI, Marco
15:30	[149] Quantum vortices in ultracold atomic gases and in neutron stars: similarities and differences	Prof. WLAZŁOWSKI, Gabriel
15:45	[121] Modeling superfluidity in neutron stars with Brussels-Montreal functionals	Dr PEĆCAK, Daniel
16:00	[28] Universality of the relativistic correction to glitch rise-times	GAVASSINO, Lorenzo