

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

Monday, 30 March 2020

Parallel 1A - Room 1 (11:30 - 13:00)

| time | [id] title | presenter |
|-------|---|-----------------------|
| 11:30 | [108] Unified equations of state of cold dense matter in nonaccreted neutron stars | Dr CHAMEL, Nicolas |
| 11:45 | [156] Studying the Neutron Star Interior in Transient Low-Mass X-Ray Binaries | PAGE, Dany |
| 12:00 | [11] Finite temperature equation of state with exotic degrees of freedom | RADUTA, Adriana |
| 12:15 | [53] A new low-density equation of state from an experimental data analysis including in-medium effects | Dr PAIS, Helena |
| 12:30 | [75] Dense Matter Phases inside Neutron Stars: Constraints from Observations | Mr CHAR, Prasanta |
| 12:45 | [143] How model atmospheres help us to investigate neutron star interiors | Dr SULEIMANOV, Valery |

Tuesday, 31 March 2020

Parallel 1A - Room 1 (11:30 - 13:00)

| time | [id] title | presenter |
|-------|---|-------------------------|
| 11:30 | [37] Hybrid modeling of high-energy emission in pulsars | Dr CONTOPOULOS, Ioannis |
| 11:45 | [29] How pair pair formation in polar caps fills magnetosphere with plasma, heats NS surface, and generates radio emission. | Dr TIMOKHIN, Andrey |
| 12:00 | [68] Proton acceleration in pulsar magnetospheres | GUEPIN, Claire |
| 12:15 | [146] Particle-in-cell simulations of pair discharges at pulsar polar caps | CRUZ, Fabio |
| 12:30 | [52] A Single spark model for PSR J2144–3933 | Prof. MELIKIDZE, George |
| 12:45 | [126] Distortions of polarization angle curve in radio pulsars | Dr JAREK, Dyks |

Wednesday, 1 April 2020

Parallel 1A - Room 1 (11:30 - 13:00)

| time | [id] title | presenter |
|-------|--|---------------------------|
| 11:30 | [106] Observational updates on accreting millisecond pulsars | Dr SANNA, Andrea |
| 11:45 | [82] On the torque reversals of accreting neutron stars | ERTAN, Unal |
| 12:00 | [133] Do transitional millisecond pulsars power dwarf pulsar wind nebulae? | Dr PAPITTO, Alessandro |
| 12:15 | [86] Are tMSP Companions Roche-Lobe Filling In Their Pulsar State? | Mr STRINGER, James |
| 12:30 | [84] A successful quest for a transitional pulsar: the case of CXOU J110926.4-650224 | Dr COTI ZELATI, Francesco |
| 12:45 | [41] Transitional millisecond pulsar binaries during active radio pulsar state | Dr DE MARTINO, Domitilla |

Thursday, 2 April 2020

Parallel 1A - Room 1 (11:30 - 13:00)

| time | [id] title | presenter |
|-------|---|------------------------|
| 11:30 | [83] The observed evolution of pulsar rotation on human timescales | KARASTERGIOU, Aris |
| 11:45 | [105] The glitch size distribution of the Vela pulsar and small pulsar glitches | ESPINOZA, Cristóbal |
| 12:00 | [42] The 2016 Vela Glitch and Implications for Neutron Star Structure and Dynamics | Dr GÜGERCINOĞLU, Erbil |
| 12:15 | [59] Core and crust contributions in overshooting glitches: the Vela pulsar 2016 glitch | Mr MONTOLI, Alessandro |
| 12:30 | [163] High-resolution phase coherent optical timing of the Vela pulsar and PSR J1023+0038 with Aqueye+ and Iqueye | Dr BURTOVOI, Aleksandr |
| 12:45 | [99] Braking indices of the glitching pulsars | Dr AKBAL, Onur |