

Session Program

30 March 2020 to 3 April 2020



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

Parallel 3A

Porto Rio Hotel, Patras, Greece, Room 1, 2

Monday 30 March

16:30

Parallel 3A

Session | Location: Room 1

16:30-16:45 **Crystalline condensates in compact stars**

Speaker

Stefano Carignano

16:45-17:00

Equation of state of inner crust of neutron stars with finite range Gogny forces

Speaker

Mr Chiranjib Mondal

17:00-17:15

Pasta phases within the QMC and QMC ω - ρ models

Speaker

Guilherme Grams

17:15-17:30

Second look to the Polyakov loop Nambu-Jona-Lasinio model of quark matter in hybrid stars

Speaker

Oleksii Ivanytskyi

17:30-17:45

Cooling of Hybrid stars

Speaker

Jinbiao Wei

17:45-18:00

Dark-matter admixed neutron stars

Speaker

Dr Violetta Sagun

18:00

Tuesday 31 March

16:30

Parallel 3A

Session | Location: Room 1

16:30–16:45 **Subpulse Drifting in Pulsar Radio emission**

Speaker

Dr Rahul Basu

16:45–17:00 **Intermittent Pulsars and their ON/OFF Transitions**

Speaker

Mr Ali Arda Gencali

17:00–17:15 **Estimation of Absolute Emission Altitude of Multi-component Pulsars**

Speaker

Mr Pavankumar Kadaladi

17:15–17:30 **Investigating the multi-component emission of RRAT J1819-1458**

Speaker

Dr Mateusz Malenta

17:30–17:45

Mullti-frequency observations of single pulse properties of two bright pulsars.

Speaker

Dr Wojciech Lewandowski

17:45–18:00

On the estimation of realistic growth rates for Langmuir instability in Pulsar plasma

Speaker

Mr Sk Minhajur Rahaman

18:00

Wednesday 1 April

16:30

Parallel 3A

Session | Location: Room 1

16:30–16:45

Towards an accurate description of an accretion induced collapse and the associated ejected mass

Speaker

Amir Sharon

16:45–17:00

Measuring mass of neutron star in LMXBs using QPO observations

Speaker

Martin Urbanec

17:00–17:15

Assessing orbital parameters of binary pulsars produced by kick velocity

Speaker

Ali Taani

17:15–17:30

Spectral analysis of the quiescent low-mass X-ray binary in the globular cluster M30

Speaker

Ms Constanza Echiburú

17:30–17:45

Ultraviolet pulsed emission from an accreting millisecond pulsar during its outburst

Speaker

Arianna Miraval Zanon

17:45–18:00

Simulations of stellar winds from X-ray bursts: Characterization of solutions and observable variables.

Speaker

Yago Herrera

18:00–18:15

Unusually long thermonuclear bursts from neutron stars

Speaker

Jérôme Chenevez

18:15

Thursday 2 April

16:30

Parallel 3A

Session | Location: Room 1

16:30-16:45

Understanding the long-term spin evolution of young radio pulsars.

Speaker

Aditya Parthasarathy

16:45-17:00

Transient gravitational waves from pulsar post-glitch relaxations

Speaker

Mr Garvin Yim

17:00