

Session Program

6-12 Sept 2020

IWARA2020 Video Conference - 9th International Workshop on Astronomy and Relativistic Astrophysics

***DENSE MATTER, QCD, QFT, HIC, GWs, NSs,
DM, COSMOLOGY , FTH-INFLATION***

Thursday 10 September

11:30

DENSE MATTER, QCD, QFT, HIC, GWs, NSs, DM, COSMOLOGY , FTH-INFLATION: Parallel Session Discussions

Session

11:30-11:36

General relativistic mass and spin of a Kerr black hole in terms of redshifts

Speaker

Alfredo Herrera Aguilar

11:36-11:42

The role of quark matter surface tension in dense compact star matter

Speaker

Ana Gabriela Grunfeld

11:42-11:48

The Challenge of Calibrating a Laser Interferometric Gravitational Wave Detector

Speaker

Carlos Frajuca

11:48-11:54

Mapping Stellar Mass in the local universe — a crucial step towards understanding dark matter distribution in Nearby Galaxies

Speaker

Karín Menéndez-Delmestre

11:54-12:00

Cosmic inflation without inflaton

Speaker

Luisa Jaime

12:00-12:06

Reheating and Post-inflationary Production of Dark Matter

Speaker

Dr Marcos A. Garcia Garcia

12:06-12:12

Strong decay of hybrid mesons

Speaker

Mario Luiz Lopes da Silva

12:12-12:18

Angular momentum conservation and core superfluid dynamics for the pulsar J1734-3333

Speaker

Nadja Magalhaes

12:18-12:24

Energy Conditions in Non-minimally Coupled $f(R,T)$ Gravity

Speaker

Prof. Pradyumn Kumar Sahoo

12:24-12:30

Thermodynamics of $f(R)$ Theories

12:30

Speaker
Sergio Jorás