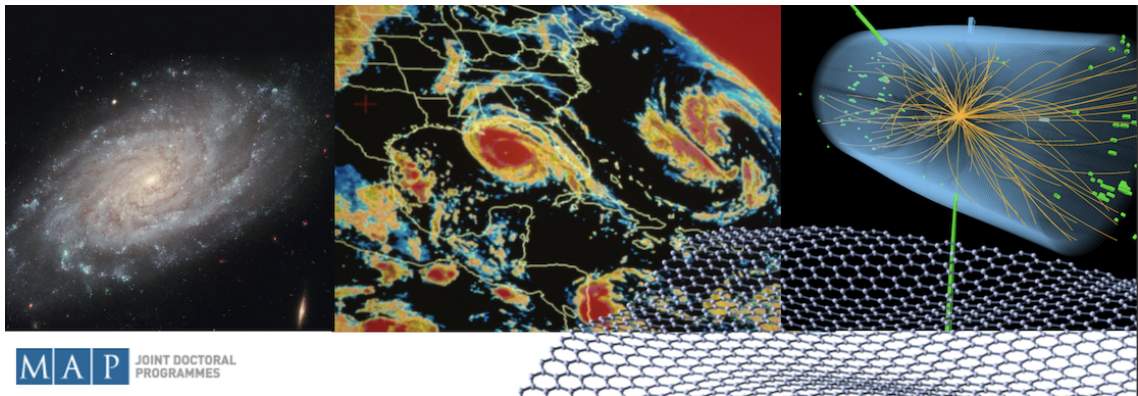


Session Program

14 July 2023



MAP-Fis Research Conference

Astrophysics

University of Minho, University of Aveiro, University of Porto

Friday 14 July

16:10

Astrophysics

Session | **Location:** University of Minho, University of Aveiro, University of Porto

16:10–16:30 **Application of deep learning networks to GW astronomy**

Speaker

Oswaldo Freitas

16:30–16:50

Light rings in stationary axisymmetric spacetimes: Blind to the horizon's topology and able to coexist

Speaker

Joao Novo

16:50–17:10

Black hole shadows, exotic stars, and all that jazz

Speaker

Ivo Sengo

17:10–17:30

Astrophysical and Local Tests of the Einstein Equivalence Principle

Speaker

Joao Dias

17:30–17:50

Using Machine Learning to Scan Beyond Standard Model Parameter Spaces

Speaker

Fernando Souza

17:50–18:10

Development of a quality control and calibration instrument for Rangefinders/LiDARs.

Speaker

Nelsson Cunha

18:10