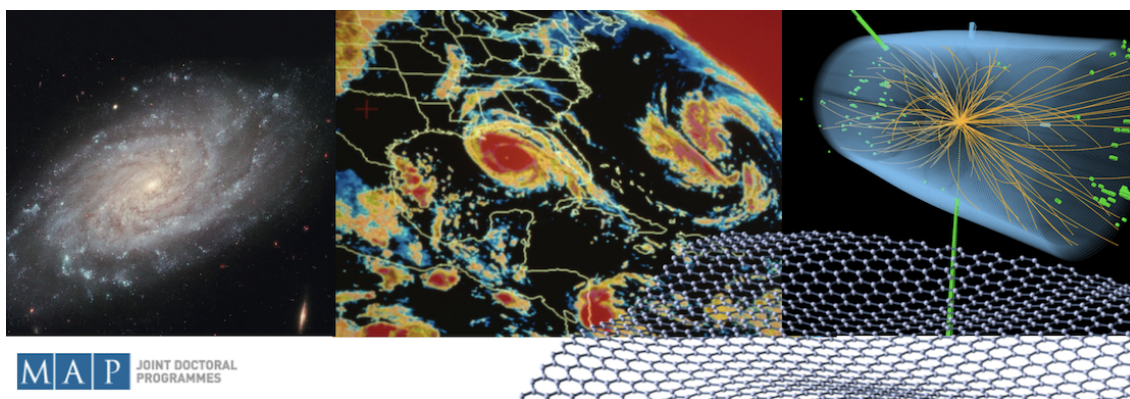


## Session Program

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**

Osvaldo 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