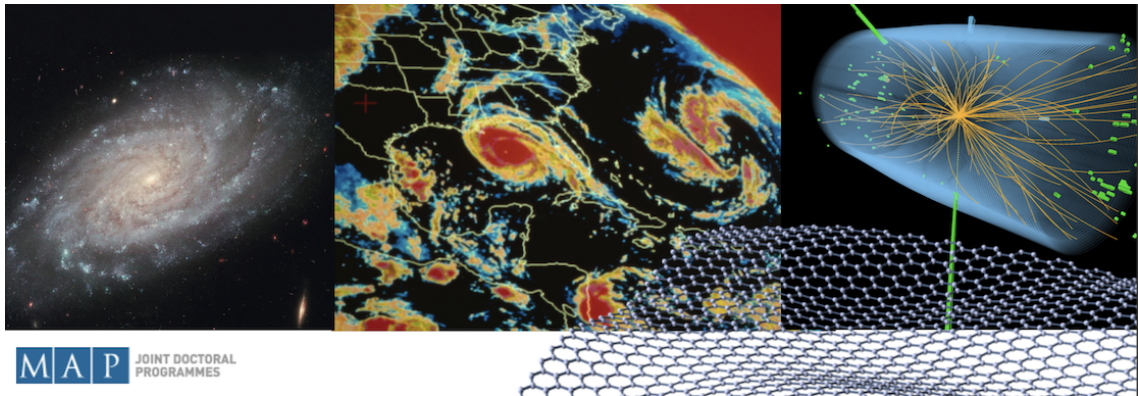


## Session Program

14 July 2023



## MAP-Fis Research Conference

***High Energy Physics and Cosmology (Chair:  
Nuno Castro, Universidade do Minho/LIP)***

University of Minho, University of Aveiro, University of Porto

# Friday 14 July

11:10

## High Energy Physics and Cosmology (Chair: Nuno Castro, Universidade do Minho/LIP)

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

11:10-11:30

### Enhanced Searches with the Pierre Auger Observatory in the Era of Multi-messenger Astrophysics

**Speaker**

Alexandra Fernandes

11:30-11:50

### Searching for dark matter with the ATLAS detector using unconventional signatures

**Speaker**

Maura Barros

11:50-12:10

### Proca-Higgs balls and stars in a UV completion for Proca self-interactions

**Speaker**

Etevaldo DOS SANTOS COSTA FILHO

12:10-12:30

### Stability and physical properties of spherical excited scalar boson stars

**Speaker**

Marco Brito

12:30-12:50

### Conformal multi-Regge theory

**Speaker**

Joao Vilas Boas

12:50-13:10

### Non-universal aspects of effective string theory

**Speaker**

Jose GUILHERME BOURA DE MATOS

13:10