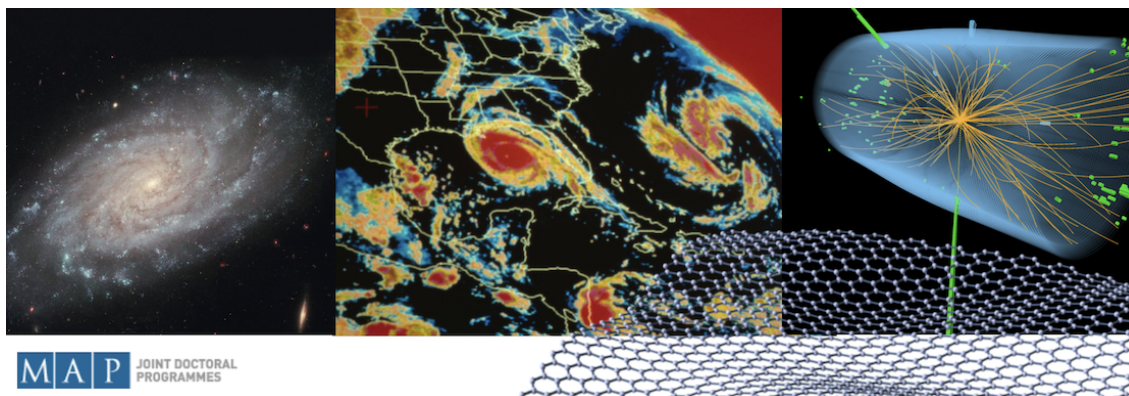


## Session Program

11 October 2024



## MAP-Fis Research Conference

***Condensed Matter Physics and Nanomaterials I***  
***(Chair: Luís Carlos, Universidade de Aveiro) -***  
***Anf. Física (13.1.19)***

University of Aveiro  
Campus Universitário de Santiago, Departamento de Física

## Friday 11 October

09:15

### Condensed Matter Physics and Nanomaterials I (Chair: Luís Carlos, Universidade de Aveiro) - Anf. Física (13.1.19)

**Session** | **Location:** University of Aveiro, Campus Universitário de Santiago, Departamento de Física

09:15-09:35

#### Hot-electron model for graphene: the key to understanding pump-probe experiments

**Speaker**

Diogo Cunha

09:35-09:55

#### Room temperature photon emitters in hexagonal boron nitride films grown by atmospheric-pressure chemical vapor deposition

**Speaker**

Mr Elmahdi Amar

10:15-10:35

#### Ferroelectric polarization and switching pathways of doped Hf/ZrO<sub>2</sub>

**Speaker**

Alexandre Silva

10:35-10:55

#### Charge transport mechanisms of topological insulator Bi<sub>2</sub>Se<sub>3</sub> for Photo Galvanic Applications

**Speaker**

Mr James Caleb Peters

10:55