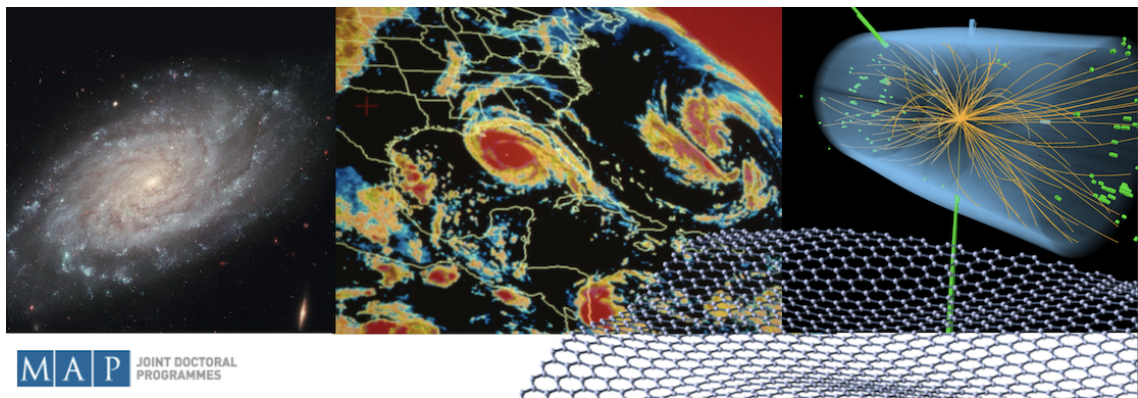


## Session Program

14 July 2023



## MAP-Fis Research Conference

### ***Condensed Matter Physics and Nanomaterials***

University of Minho, University of Aveiro, University of Porto

# Friday 14 July

14:15

## Condensed Matter Physics and Nanomaterials

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

14:15–14:35 **Tuning of 2D Ti<sub>3</sub>C<sub>2</sub>T<sub>x</sub> MXene flakes for neuromorphic applications**

**Speaker**

Henrique Teixeira

14:35–14:55 **Exotic edge states in flat-band triangulene crystals**

**Speaker**

Luisa Madail

14:55–15:15

**Density Functional Theory and Perturbed Angular Correlation Study of the AMnGe<sub>2</sub>O<sub>6</sub> Clinopyroxene series**

**Speaker**

Ricardo Moreira

15:15–15:35 **Probing spin fractionalization with absolute magnetometry ESR-STM**

**Speaker**

Yelko DEL CASTILLO HERNÁNDEZ

15:35–15:55

**The role of structural distortions in triggering the metal to insulator transition in NdNiO<sub>3</sub>**

**Speaker**

Mariana Gomes

15:55