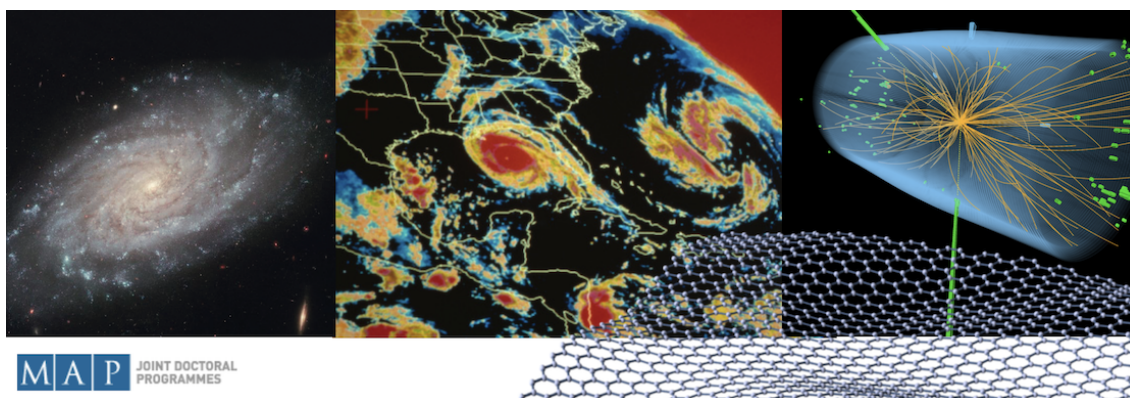


Session Program

14 July 2023



MAP-Fis Research Conference

***Condensed Matter Physics and Nanomaterials
(Chair: João Lopes dos Santos, Universidade do
Porto)***

University of Minho, University of Aveiro, University of Porto

Friday 14 July

09:15

Condensed Matter Physics and Nanomaterials (Chair: João Lopes dos Santos, Universidade do Porto)

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

09:15-09:35

Structure, dielectric and magnetic properties of $\text{Ca}_3\text{Mn}_2\text{O}_7$ thin films prepared by pulsed laser deposition

Speaker

Bruna Silva

09:35-09:55

Wafer scale fabrication of epitaxial topological insulator Bi_2Se_3 top-gate devices by molecular beam epitaxy

Speaker

Daniel Brito

09:55-10:15

Atomic imaging of switchable domains in $\alpha\text{-Bi}_2\text{Se}_3$ using room temperature scanning tunneling microscopy

Speaker

Elmahdi Amar

10:15-10:35

Comparison of Structural and Dielectric Properties of Polycrystalline and Oriented Multiferroic $\text{CoFe}_2\text{O}_4/\text{BaTiO}_3$

Speaker

Joao Oliveira

10:35-10:55

Causal Inference and Propagation in Assembly Lines

Speaker

Filipe Barroso

10:55