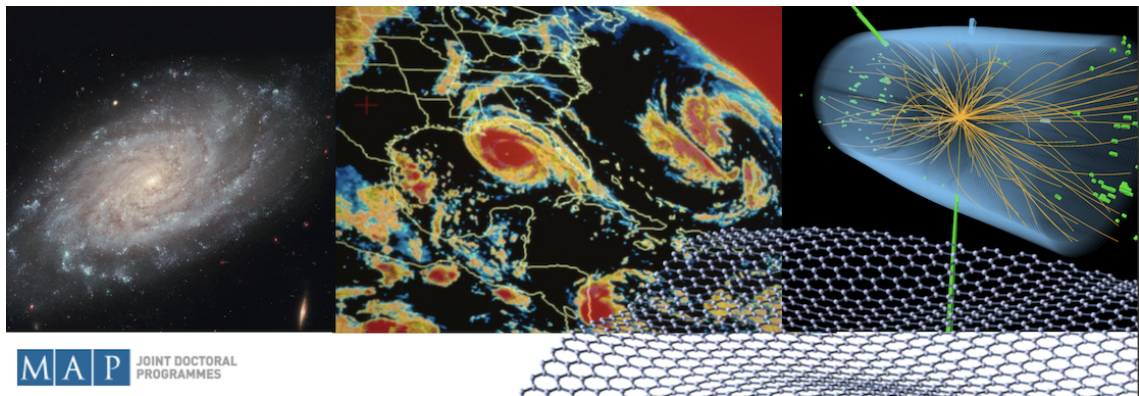


## Session Program

14 July 2023



## MAP-Fis Research Conference

***Biophysics and Biomaterials (Chair: Elisabete Coutinho, Universidade do Minho)***

University of Minho, University of Aveiro, University of Porto

## Friday 14 July

14:15

### Biophysics and Biomaterials (Chair: Elisabete Coutinho, Universidade do Minho)

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

14:15–14:35

#### Self-assembled magnetic/plasmonic lipogels for multimodal cancer therapy

**Speaker**

Sergio Veloso

14:35–14:55

#### Multifunctional magnetic nanostructures for cancer theragnosis

**Speaker**

Sofia Caspani

14:55–15:15

#### Detection of highly diluted single-nucleotide polymorphism in healthy DNA using graphene field-effect transistors

**Speaker**

Telma Domingues

15:15–15:35

#### Fluids of Light in photorefractive media as a playground to explore turbulent phenomena

**Speaker**

Tiago Ferreira

15:35–15:55

#### Towards ultrafast and ultra-compact lasers: uncovering ultrashort pulse generation mechanisms in semiconductor lasers with novel characterization approaches

**Speaker**

Tiago Gomes

15:55