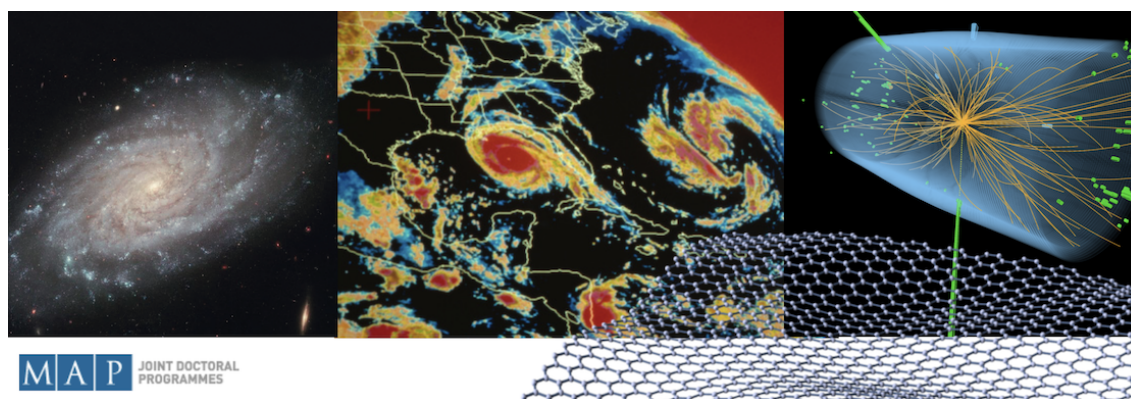


Session Program

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