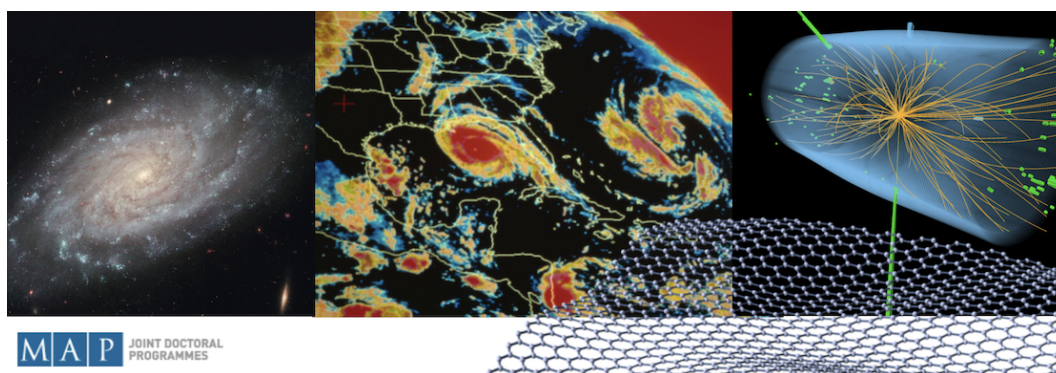


Session Program

2 October 2026



MAP-Fis Research Conference

High Energy Physics and Cosmology I (Chair: Ricardo Z. Ferreira, UM)

School of Sciences, University of Minho, Anfiteatro de Física, Ed. 6 - 1.02
Physics Department, School of Sciences Campus de Gualtar, Braga

Friday 2 October

09:10

High Energy Physics and Cosmology I (Chair: Ricardo Z. Ferreira, UM)

Session |**Location:** School of Sciences, University of Minho, Anfiteatro de Física, Ed. 6 - 1.02, Physics Department, School of Sciences Campus de Gualtar, Braga

09:10–09:30

A Parameter Scan of Current-Carrying Cosmic Strings

Speaker

Ricarda Heilemann

09:30–09:50

Parameter estimation of rotational core-collapse supernovae gravitational waves with deep learning

Speaker

Solange Nunes

09:50–10:10

Non-Minimally Coupled Chain Inflation at High Scales

Speaker

Mr Miguel Barroso Varela

10:10–10:30

Dark transitions with a weak coupling

Speaker

Marco Finetti

10:30–10:50

Symmetry Aware Ansatz for Matrix Quantum Mechanics

Speaker

Júlio Oliveira

11:00