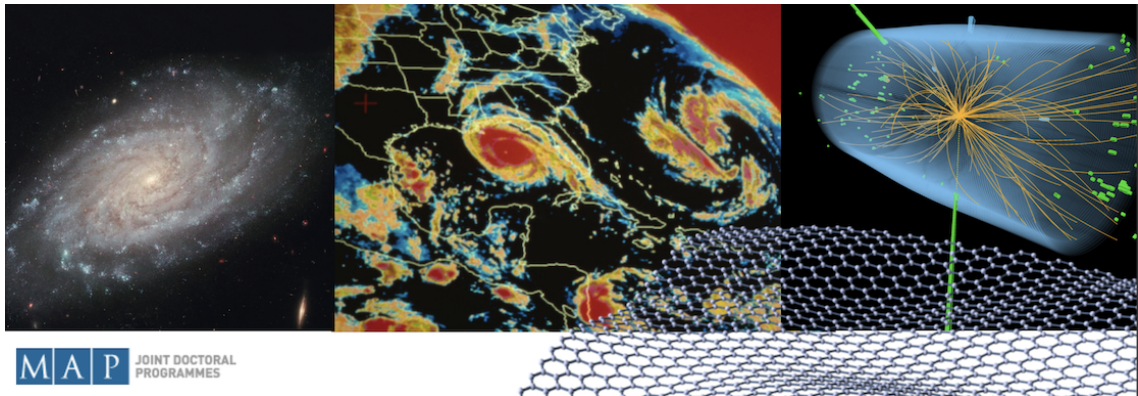


Session Program

11 October 2024



MAP-Fis Research Conference

High Energy Physics & Cosmology II (Chair: Carlos Herdeiro, Universidade de Aveiro) - Sala Sousa Pinto, DM (11.2.6)

University of Aveiro
Campus Universitário de Santiago, Departamento de Física

Friday 11 October

14:30

High Energy Physics & Cosmology II (Chair: Carlos Herdeiro, Universidade de Aveiro) - Sala Sousa Pinto, DM (11.2.6)

Session | **Location:** University of Aveiro, Campus Universitário de Santiago, Departamento de Física

14:30-14:50

Probing first interaction properties of ultra high energy cosmic rays by measuring the low muon number distribution tail using underground muon detectors

Speaker

Alexandra Fernandes

14:50-15:10

Numerical tests of the large charge expansion

Speaker

José Guilherme Boura de Matos

15:10-15:30

Searching for dark matter with the ATLAS detector using unconventional signatures

Speaker

Maura Barros

15:30-15:50

Using Machine Learning to Scan Beyond Standard Model Parameter Spaces

Speaker

Fernando Souza

15:50