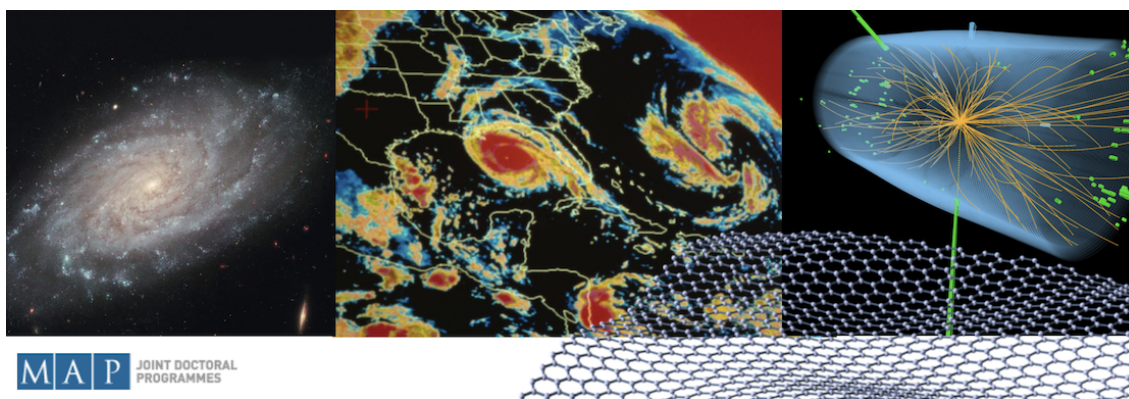


Session Program

9 July 2021



MAP-Fis Research Conference

Quantum Information and Theory

University of Minho, University of Aveiro, University of Porto

Friday 9 July

09:15

Quantum Information and Theory

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

09:15–09:35 **Understanding limitations of linear-optical quantum computation**

Speaker
Carlos Diogo Monteiro Fernandes

09:35–09:55
Implementing Non-Unitary Operators on Quantum Computers to Prepare

Speaker
Bruno Murta

09:55–10:15 **Single Photons On-Demand from a 2D Material Heterostructure**

Speaker
Tiago Queirós

10:15–10:35
Reprogrammable and reconfigurable photonic molecular logic gates based on Ln3+ ions

Speaker
Sofia Zanella

10:35