

Poster session 1

1. Guillermo Lugilde (University of Oviedo)
Functional quantum abstract detecting systems
2. D.A. Quintero Dominguez (University of Bristol)
A multiphysics modeling tool for engineering multiplexed single-photon sources
3. Tom Ewen (Fraunhofer ITWM)
Option Pricing with the Quantum Fourier Transform
4. Sergio Martínez-Losa Del Rincón (UNIZAR/BIFI)
Modification of MUMAX3 software for Macrospin-Cavity Interaction
5. Carlos Payá (Instituto de Ciencia de Materiales de Madrid)
Theory of Caroli-de Gennes-Matricon analogs in full-shell hybrid nanowires
6. Amaya Calvo Sánchez (Imperial College London)
Assessment of Quantum Gate Fidelities through Bayesian Estimation Methods
7. Carolina del Río (Universidad de Zaragoza)
Engineering remote spin-spin interactions by superconducting circuit design
8. Chaibata Seida (ESMaR faculty of sciences Mohammed V university of Rabat Morocco)
Non-local quantum operation
9. Gonzalo Salinas (NVISION)
Quantum Computing for Everyday Users
10. Pablo Páez Velasco (UCM / ICMAT)
Towards polynomial convergence for Variational Quantum Algorithms using Langevin Dynamics
11. D. García-Pons (Instituto de Nanociencia y Materiales de Aragón, INMA)
Quantum Cavities based on Magnonic Textures
12. Jorge Pérez-Bailón (Instituto de Nanociencia y Materiales de Aragón, INMA)
Controlled fabrication of Nb-based dayem bridge Josephson Junctions for highly-replicable SQUIDS
13. Marine Demarty (University of Edinburgh)
Quantum Advantage Benchmarking - An Entropic Analysis
14. Nathan Moses (University of Bristol)
2D Grating Couplers for Polarisation-based Entanglement Distribution Quantum Networks
15. Luis García Nnomo (Universidad Internacional Menéndez Pelayo, UIMP)
Gaussian laser pulse generation for NV centres' spin initialization in Quantum Sensing experiments
16. Alonso Hernández-Antón (ETH Zürich)
Generation of 2D tensor-network states of itinerant microwave photons