Poster session

1. **Íñigo Arrazola (Instituto de Física Teórica)**
   High Fidelity Quantum Computing and Simulation in SIV centers coupled to phonons

2. **Carlos Fulgado Claudio (Instituto de Física Teórica)**
   Variational fermionic Gaussian states and interacting QFTs in curved spacetimes

3. **Hilario Espinós (Universidad Carlos III de Madrid)**
   Hyperpolarization of external protons with the PulsePol sequence using electronic defects in nanodiamonds and characterization of the effect of electric field in nitrogen-vacancy centers

4. **Julio Sánchez Cánovas (Universidad de Valladolid)**
   Collective emission and absortion of photons from a driven neutral atomic ensemble

5. **Julio Sánchez Cánovas (Universidad de Valladolid)**
   Electric Dipole Forces on a Binary System of Atoms

6. **Blas Dura Azorín (Universidad Autónoma de Madrid)**
   Geometrical Anticorrelations: Changing the Photon Statistics with the Geometry of the Electromagnetic Environment

7. **Ricardo Constantion López (Universitat de Barcelona)**
   Quantum-Enables particle size analyzer

8. **Daniel Centeno Díaz (Perimeter Institute for Theoretical Physics)**
   Quantum Latents: Distinguishing causal scenarios with indistinguishable classical analogs

9. **Roberto Ruiz (Instituto de Física Teórica)**
   The Bethe Ansatz as a Quantum Circuit

10. **Hamid Tebyanian (University of York)**
    Distinguishing Quantum Measurement Techniques: Homodyne vs Heterodyne

11. **Jose L. Romero (Universidad Complutense de Madrid)**
    Higher order corrections to the Quantum Cramer-Rao bound

12. **Pablo Guillermo Carmona Rufo (Instituto de Física Teórica)**
    Digital quantum simulation of gravitational optomechanics with IBN quantum computers

13. **Oliver Fox**
    Unconventional edge states in a two-leg ladder

14. **Aleix Llenas (Universidad Internacional Menéndez Pelayo)**
    Hybrid digital-analog quantum genetic algorithm using Rydberg atom processors

Poster session

15. Alejandro Martínez (Universidad Internacional Menéndez Pelayo)
Characterization of coherence times for single NV centers in diamond

16. Ana Martínez Sabiote (Universidad de Granada)
Entanglement detection using Quantum Support Vector Machines

17. Javier Abajo Arrastia (Universidad Internacional Menéndez Pelayo/CSIC)
Unitary Distillation for Tensor Networks in quantum natural language processing

18. Dennis Itzel Martínez Moreno (Universidad de Valladolid)
Characterization of two-qubit correlations via the predictability of local observables.

19. José Dardón Sánchez (Universitat de Barcelona)
A variational quantum policy algorithm for the frozen lake environment

20. Carlos García Meca (DAS Photonics)
Quantum electrodynamics in topological cavity arrays

21. Blanca López (IMDEA Networks/ Universidad Carlos III de Madrid)
Research on virtualization technologies for QKD Networks Deployment

22. Daniel Tabares (Universidad Complutense de Madrid)
Programmable interactions in atomic, molecular and optical physics

23. Bendahane Messaoud (The Ministry of Education)
Wave – particle duality in a three-path Mach – Zehnder interferometer

24. Antonio Verdú (Instituto de Física Teórica)
Polarization of a nuclear spin layer with nitrogen vacancy centers

25. Sunny Pradhan (University of the Basque Country UPV/EHU)
Discrete Abelian lattice gauge theories on a ladder and their dualities with quantum clock models