POSTER SESSION

1. **Maristella Crotti**: *Optimal control of a dissipative micromaser quantum battery in the ultrastrong coupling regime*.
2. **Emma Brambila**: *Defocus effects in undetected photons imaging with momentum configuration: experiment and new theoretical framework*.
3. **Yuriko Baba**: *Emergent topology by Landau level mixing in quantum Hall-superconductor nanostructures*.
4. **Charlie Hogg**: *Using quantum sensing to provide physical-layer security*.
5. **Chenghong Zhang**: *QCL-based Self-Mixing Platforms for Sensing and Communication*.
6. **Alexandra Barbosa-Gonzalez**: *From idealized reservoirs to realistic hybrid quantum systems for quantum batteries*.
7. **Daniel Montesinos Capacete**: *Resource-Efficient Quantum Extreme Learning Machines with Gaussian Boson Sampling*.
8. **Marina Sanino**: *Through the Quantum Keyhole: Single-site diagonal quantities capture off-diagonal quasi-long-range order*
9. **Vidisha Aggarwal**: *Improving Single-Excitation Fidelity in Rydberg Superatoms*.
10. **Mateu Coll-Comas**: *Temporal processing of quantum states with hybrid quantum-classical reservoirs*.
11. **Akitada Sakurai**: *New quantum machine learning models: Quantum Random and Dynamical Random Features*.
12. **Geraldine Haack**: *Transport approach to quantum state tomography (How to exploit dissipation for the problem of inference)*.
13. **Neermine Chabani**: *Applying shuttling optimal control to cryogenic electronics*.
14. **Luisa Toledo Tude**: *Thermodynamics of Driven Open Quantum Systems: The Role of Coherences and Partial Secularization*.
15. **Silvia Neri**: *Phenomenology of superconductivity: time reversal symmetry breaking superconductors*.
16. **Feriel Armbruster**: *Fast open-path detection of organic gases in air via quantum fourier-transform mid-infrared spectroscopy*.
17. **Francesa Blondell**: *Probing Topological Edge States in a Molecular Synthetic Dimension*.
18. **Aparna Kadakkavattathu Parameswaran**: *Toward the Integration of a Two-Dimensional Coulomb Crystal into a Bow-Tie Optical Cavity*.
19. **Carlotta Versmold**: *Bohmian Trajectories in a Double Slit Experiment*.
20. **Marta Domínguez-Navarro**: *Quantum Monte Carlo study of cavity-mediated interactions*.
21. **Nermine Chabani**: *Applying shuttling optimal control to cryogenic electronics*.
22. **Evi Kasnetsi**: *Connecting time crystals to many-body protection*.
23. **Iliana Tsoni**: *Photonic sources for entanglement-based quantum networks*.
24. **Arwa Bukhari**: *Quantum Mechanics in Configuration Space*.
25. **Joan Alba**: *Multiparticle Entanglement via Dissipation in Waveguide QED*.
26. **Silvana Palacios**: *Single-domain Bose condensate magnetometer achieves energy resolution per bandwidth below ħ*.
27. **Cristina Cicali**: *Atom transport optimization: theoretical frameworks, algorithms, and experimental integration*.