## Posters

| Adrian Rutschmann            | "X-Ray ferromagnetic resonance using a free electron laser"   |
|------------------------------|---|
| Anna Bychek                  | "Continuous superradiant lasing with intrinsic light force generated gain"  |
| Bianca Turini                | "Graphene Landau Level Cavity QED with Phonon-Polaritonic Cavities"   |
| Catalin-Mihai Halati         | "Non-equilibrium control of the dynamics of interacting bosonic atoms coupled to a dissipative cavity"                    |
| Daniel Arrufat Vicente       | "Freezing and Shielding under Global Quenches for Long-Range Interacting Many-Body Systems"                               |
| Daniel Ortuño-González       | "Zero threshold superradiance in Pauli crystals by momentum exchange mechanism"   |
| Elsa Jöchl                   | "Ultrastrong Light-Matter Interaction at the Single Element Level"  |
| Even Thingstad               | "Cavity-enhanced superconductivity via band engineering"  |
| Farokh Mivehvar              | "Rotational Superradiance in a Time-Reversal Symmetry-Broken Quantum Gas inside an Optical Cavity"                        |
| Filip Marijanovic            | "Dynamical Instabilities of Ultracold Fermions in an Optical Cavity"  |
| Filippo Ferrari              | "Spectral statistics of quantum trajectories: understanding chaos in quantum technologies"                                |
| Francesca Orsi               | "A cavity-microscope for micrometer-scale control of atom-photon interactions"  |
| Francesco Gargiulo           | "Analysis of Fermionic Superradiance Dependence on Angle and Momentum Transfer"   |
| Gabriele Natale              | "Bragg-spectroscopy of a dissipation-induced dynamical instability: where two soft modes meet"                            |
| Gaia Stella Bolognini        | "Density-wave ordering in an ultracold fermi gas with photon mediated long-range interactions"                            |
| Jacob Fricke & Nicola Reiter | "Spin- and Momentum-Correlated Atom Pairs Mediated by Photon Exchange and Seeded by Vacuum Fluctuations"                  |
| Karol Gietka                 | "Quantum-enhanced metrology in the ultra-strong coupling regime"  |
| Luisa Tolle                  | "Interacting fermions coupled to a dissipative cavity: bistability of self-organized phases"                              |
| Luka Skolc                   | "Dynamical Instabilities of Ultracold Fermions in an Optical Cavity (w/ Filip Marijanović)"                               |
| Majid Zahedian               | "Towards Realizing a New Architecture for Dual-Type"  |
| Sambuddha Chattopadhyay      | "Cavity Control of Quantum Hall Stripes"  |
| Simon Hertlein               | "Optomechanical subradiant states in a many-body cavity QED system"   |
| Tobias Nadolny               | "Nonreciprocal synchronization of active quantum spins"   |
| Valerii Kozin                | "Cavity-induced phenomena in 0D, 1D, and 2D systems: from quantum phase transitions to cavity-enhanced superconductivity" |