

CEST	Mon 21	Tue 22	Wed 23	Thu 24	Fri 25
11.15 - 11.30	Opening & welcome				
11.30 - 12.00	<b>González-Tudela</b> Topology meets quantum optics: individual and collective effects	<b>Nakamura</b> Generation and characterization of quantum states in mw pulse modes	<b>Sheremet</b> Light-matter interface based on collective and cooperative effects	<b>Lodahl</b> Quantum information processing with nanophotonic waveguides	<b>Mahmoodian</b> Dynamics of many-photon bound states in chiral wQED
12.00 - 12.30	<b>De Bernardis</b> Light-matter interactions in synthetic mag fields: Landau-photon polaritons	<b>Ramos</b> Multiphoton probing of complex quantum emitters	<b>Möller</b> How do flying and stationary qubits interact in a quantum network?	<b>Shahmoon</b> Multi-channel waveguide QED with atomic arrays in free-space	<b>Mork</b> Fano resonances for controlling and enhancing photon interactions and emission dyn
12.30 - 13.00	<b>Poddubny</b> Two-body problem in WQED: from localization to chaos	<b>Garcia-Ripoll</b> Long distance quantum operations with propagating photons	<b>Laurat</b> Interfacing cold atoms and nanoscale waveguides	<b>Hofferberth</b> Waveguide QED with Rydberg superatoms	<b>Piazza</b> Quantum nonlinear optics with a Fermi surface
13.00 - 15.00	<b>Break</b>	<b>Break</b>	<b>Break</b>	<b>Break</b>	<b>Break</b>
15.00 - 15.30	<b>Gasparinetti</b> Atom-photon bound states in an array of high-impedance supercond. resonators	<b>Pascazio</b> Bound states of artificial atoms in open and closed waveguides	<b>poster session</b>	<b>Beguin</b> Bridging gaps between cold atoms and nano-photonics	<b>Maffei</b> Probing non-classical light fields with energetic witnesses in wQED
15.30 - 16.00	<b>Sinha</b> Quantum. electro-dynamics of high-impedance transmission lines	<b>Trivedi</b> Simulation methods for non-Markovian quantum optics		<b>Asenjo-Garcia</b> Atomic-waveguide QED	<b>Rauschenbeutel</b> Correlating photons using the collective nonlinear response of atoms weakly coupled to an optical mode
16.00 -16.30	<b>Johansson</b> Atom in front of mirror: high-imped. transmission lines and non-Markovian steady states	<b>Malz</b> Physics and applications of superradiance in wQED		<b>Dordevic</b> Nanophotonic quantum interface for atom arrays	<b>Calajò</b> Few- and many-body photon bound states in quantum nonlinear media
16.30 - 17.00	<b>Break</b>	<b>Break</b>		<b>Break</b>	<b>Pohl</b> Self-ordering of individual photons in 3-level waveguide-QED & Rydberg arrays
17.00 - 17.30	<b>Kockum</b> Oscillating and chiral bound states in giant atoms	<b>Wallraff</b> Transferring quantum states and creating entanglement across a 30m long superconducting waveguide		<b>Zueco</b> Coupling magnetic molecules to waveguides	<b>Closing</b>
17.30 - 18.00	<b>Wilson</b> Engineering the level structure of a giant artificial atom in waveguide QED	<b>Blais</b> A quantum metamaterial for broadband detection of single mw photons	<b>Narang</b> Creating quantum interfaces to emitters at the nano-scale		
18.00 - 18.30	<b>Oliver</b> Giant artificial atoms and waveguide QED	<b>Siddiqui</b> Quantum non-demolition detection of single itinerant mw photons	<b>Gorshkov</b> Universality in 1D scattering with general dispersion relations		