

Posters

Silvia Arroyo-Camejo	Far-field fluorescence nanoscopy on NV-centers in diamond for applications in magnetometry and quantum information
Paloma Arroyo-Huidobro	Theory of the strong-coupling between quantum emitters and propagating surface plasmons
Colin Benjamin	Can dephasing generate non-local spin correlations?
Andreas Bick	Towards coupling a BEC to a micromechanical oscillator
Susanne Blum	Parametric frequency down-conversion of single photons
Daniel Bothner	Improving superconducting resonators for hybrid quantum electrodynamics in magnetic fields
Pavel Bushev / Sebastian Probst	Anisotropic rare-earth spin ensemble strongly coupled to a superconducting resonator
Cecilia Cormick	Ion chains in high-Q cavities
Eden Figueroa	Ultra-low noise quantum interconnect at room temperature
Weibo Gao	Observation of entanglement between a quantum dot spin and a single photon
Emanuel Gavartin	A hybrid on-chip optomechanical transducer for ultra-sensitive force measurements
Michael Goerz	Optimal control of transmon qubit gates in the presence of decoherence
Carlos Gonzalez-Ballester	Superradiance mediated by graphene surface plasmons
Alejandro Gonzalez-Tudela	Dissipative driven entanglement of quantum dots mediated by one dimensional wave-guide modes
Bernard van Heck	Topological blockade and measurement of topological charge
Fredrik Hocke	Circuit nano-electromechanics on the blue sideband
Hans Huebl	High cooperativity in coupled microwave resonator - ferromagnetic insulator hybrids

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Jan Huwer	Heralded photonic interaction between distant single ions
Kay Jahnke	Long coherence time of spin qubits in ^{12}C enriched polycrystalline chemical vapor deposition diamond
Seref Kalem	Excited state dynamics in silicon quantum pillars
Michał Karpiński	Waveguide source of down converted photon pairs in controlled spatial modes
Laura Kipfstuhl	Coupling of colour centres to photonic crystal cavities in diamond
Christian Koller	Exploring ultra-close trapping of atoms in cryogenic environments: A route to applications in hybrid quantum systems
Andreas Lemmer	Fast and robust trapped-ion quantum logic gates by a single nearly-resonant sideband excitation
Polina Mironova	Immersing carbon nanotubes in cold atomic gases
Tanja Neumer	Laser-written structures to enhance light collection efficiency of single-photon emitters
Andreas Neuzner	Two photon interference for quantum networking between independent atom-cavity systems
Anika Pflanzner	Master equation approach to optomechanics with arbitrary dielectrics
Alessandro Pitanti	Optomechanical photon-phonon translator for coherent microwave to optical state transfer
Krzysztof Pomorski	Properties and architectures of field induced Josephson junction devices
Stefano Portolan	Few emitters cavity quantum electrodynamics: From cooperativity to individualization
Tim Proctor	Low error deterministic geometric phase gates for qubus computation
Tomas Ramos	Signatures of coherent coupling to single two-level defects in cavity optomechanics

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Andreas Reiserer	An elementary quantum network of single atoms in optical cavities
Clément Sayrin	Coherent manipulation of cold cesium atoms in a nanofiber-based two-color dipole trap
Andreas Schell	Coupling of NV-centers to photonic and plasmonic structures
Tao Shi	Quantum simulation of small-polaron formation with trapped ions
Jeong Hyun Shim	Strongly coupled ^{13}C nuclear spin as quantum memory in diamond
Kilian Singer	Quantum frequency translator with a trapped ion - towards entangling an ensemble of color centers with a single ion
Sarah Skoff	Buffer gas cooling of atoms and molecules
Matthias Staudt	Coupling rare-earth-ions to a superconducting resonator
Max Strauß	Coherent dynamics of single spins in NV centres in nano diamonds
Andreas Stute	An ion-photon quantum interface
Vivishek Sudhir	Quantum coherent coupling of a mechanical resonator to an optical field
Tobias Thiele	Interfacing microwave photons with Rydberg atoms on a superconducting chip
Oliver Viehmann	Observing the nonequilibrium dynamics of the quantum transverse-field Ising chain in circuit QED
Göran Wendin	Towards classical-quantum interfaces
Janik Wolters	Spectral diffusion measurement on nitrogen vacancy centres in nano diamonds
Xiaoqing Zhou	Control of microwave signals using circuit nano-electromechanics