

Engineering of Quantum Emitter Properties

Thursday, November 28, 2024

Posters: Poster session and Industry networking - Kaiser-Leopold-Saal (5:00 PM - 6:30 PM)

[id] title	presenter	board
[23] Fabrication of a Purcell-Enhanced Single-Photon Source Based on a single W Center in a Silicon-On-Insulator “Bullseye” Cavity	ELSÄSSER, Christian	
[11] Superradiance and cooperative emission from solid-state quantum emitters	Dr CYGOREK, Moritz	
[12] High-quality single InGaAs/GaAs quantum dots grown on a silicon substrate for quantum photonic applications	Mr LIMAME, Imad	
[24] Numerical simulations for the geometry optimization of InP nanowires with InAsP QDs to boost the extraction efficiency at telecom wavelengths	GZYL, Tomasz	
[37] Extraction configuration and tuning strategies for site-controlled Pyramidal QDs	COLAVECCHI, Luca	
[16] Imaging symmetric and antisymmetric behavior of orbital-angular-momentum-entangled two-photon states	CLARO RODRIGUEZ, Juan Nicolas	
[22] Single-photon emitters in WSe ₂ : Critical role of phonons on excitation schemes and indistinguishability	VANNUCCI, Luca	
[25] Observation of the Reappearance of Rabi Rotations in Semiconductor Quantum Dots	SCHÖLL, Eva	
[30] Optical and Theoretical Study of (In)GaSb/AlGaSb Quantum Dots Grown by Nanohole Droplet Etching Technique	WASILUK, Maja	
[18] Time-bin entangled photons from dark states in semiconductor quantum dots	BRACHT, Thomas	
[19] Electric-field control of indistinguishability in cascaded photon pairs from quantum dots	Mr UNDEUTSCH, Gabriel	
[33] Optimal In-Coupling to a Quantum Dot-Nanowire Waveguide System	PATEL, Tarun	
[42] Unveiling the 3D Morphology of Epitaxial GaAs/AlGaAs Quantum Dots	ZOPF, Michael	
[20] In-plane coupling between a WGM micropillar laser and a ridge waveguide	ROCHE, Leo	
[21] Time dependent filtered photon statistics	BERMUDEZ FEIJOO, Santiago	
[26] Resonant Excitation of Nanowire Quantum Dots	GANGOPADHYAY, Sayan	
[27] Efficient fiber coupling of telecom single photons from circular Bragg gratings	Mr TRAN, Nam	
[28] Quantum dots operating at telecom wavelength interfaced with silicon-nitride circuits using photonic wire bonding	PORTALUPI, Simone L.	
[31] In-Plane Spin Initialisation of Waveguide Coupled InAs Quantum Dots with High Chirality and Purcell Enhancement	Mr CHEN, Xuchao	
[32] Circular Bragg resonators integrated with nanowire quantum dots for emission rate enhancement	NORTHEAST, David	
[34] Thulium ions in lithium niobate for quantum information applications	GUPTA, Archi Mr CARRASCO, Javier	
[39] All-photonic quantum teleportation with separate quantum dots	LANEVE, Alessandro	

[41] Quantum Optical Properties of Semiconductor Quantum Dots emitting in the Telecom C-Band	Mr MICHL, Johannes	
[40] Hyperspectral Imaging for Accurate Integration of Quantum Dots into Circular Bragg Gratings Resonators	BUCHINGER, Quirin	
[44] Active modulation of single photons from a telecom quantum dot for quantum key distribution	YANG, Jingzhong	