

Posters Online II: Thursday, 5 August, 20:00 h CET

Elham Mehdi	Measuring spin noise with a single spin and single detected photons
Naoya Morioka	Advanced approach to spin-selective intersystem-crossing rates and application to silicon vacancy center in silicon carbide
Robert Morsch	Indistinguishable single photons from negatively charged tin-vacancy centres in diamond
Louis Nicolas	Long coherence time electronic spin transitions at low magnetic field for large bandwidth quantum memories
Laura Orphal-Kobin	Spectral properties of single NV defect centers in diamond nanostructures
Maximilian Pallmann	Development of a coherent spin photon interface for quantum repeaters using NV centers in diamond
Maximilian Ruf	Enhancing the spin-photon interface of color centers in diamond for quantum networks
Fiammetta Sardi	High-speed tunable microcavities coupled to rare-earth quantum emitters
Markus Stabel	Solid-state few-photon storage on a second timescale using electromagnetically induced transparency
Philipp Stammer	Quantum information theory meets strong field physics via high harmonic generation
Timo Steidl	Shallow implantation of color centers in silicon carbide with high-coherence spin-optical properties

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Ana Strinic	Implementing frequency comb protocol into the purely microwave regime
Benedikt Tissot	Hyperfine structure of transition metal defects in SiC
Cem Güney Torun	Optimized diamond inverted nanocones for enhanced color center to fiber coupling
Alexander Ulanowski	Controlling single Erbium dopants in a Fabry-Perot resonator
Ping Wang	Extraction of quantum correlation and its applications in nanoscale spin resonance spectroscopy
Sacha Welinski	Stable and low-spurious laser source for fast addressing multiple optical qubits spread over a 100 GHz bandwidth
Sören Wengerowsky	Towards high-efficiency cavity enhanced atomic frequency comb quantum memories
Chun-Ju Wu	Single ion detection utilizing a gas hybrid photonic crystal cavity on $\text{Yb}^{3+}:\text{YVO}_4$
Dayou Yang	Criticality enhanced quantum sensing via continuous measurement
Xin-Yue Zhang	AC susceptometry of 2D van der Waals magnets enabled by the coherent control of quantum sensors
Zihuai Zhang	Optically detected magnetic resonance in neutral silicon vacancy centers in diamond via bound exciton states