

POSTER LIST NCCR SPIN Annual Meeting 2022

#	First Name, Name	Function	Poster (Title)
1	Akash Gupta	PhD student	Energy Dissipation of MoS ₂ Surface under Magnetic Field
2	Alban Morelle	PhD student	Transport through Ge nanowires
3	Alessia Pally	PhD student	Optimising the dielectrics for nanowire integration in circuit QED system
4	Andrés Rosario	Postdoc	Hybrid circuit QED with quantum dots
5	Arianna Nigro	PhD student	Planar Ge-SiGe heterostructures for spin qubits
6	Bence Hetenyi	PhD student	Anomalous zero-field splitting for hole spin qubits in Si and Ge quantum dots
7	Christian Olsen	Postdoc	Towards Hybrid Superconductor/Semiconductor Devices in Planar Germanium Heterostructures
8	Christoph Adelsberger	PhD student	Hole-spin qubits in Ge nanowire quantum dots: Interplay of orbital magnetic field, strain, and growth direction
9	Deepankar Sarmah	PhD student	Optimising the dielectrics for nanowire integration in circuit QED system
10	Ekaterina Al-Tavil	PhD candidate	Hybrid circuit QED with quantum dots
11	Eloi Colette	Master's student	Fabrication optimization of Multi-Gate FDSOI Single Electron Transistors for charge noise minimization
12	Eric Jutzi	PhD student	Developing hole spin qubits in planar Ge heterostructures
13	Eunjung Cha	Postdoc	Cryogenic High Electron Mobility Transistors
14	Fabian Oppliger	PhD student	Hybrid technology for spin qubits in planar Ge
15	Fabio Bersano	PhD student	FDSOI Multi-Gate Electron Spin Qubits with magnetic confinement gates
16	Florian Ginzel	PhD student	Proposal for a cavity-induced measurement of the exchange coupling in quantum dots
17	Franco de Palma	PhD student	Hybrid technology for spin qubits in planar Ge
18	Giacomo Bolchi	Master's student	Developing hole spin qubits in planar Ge heterostructures
19	Henry Legg	Postdoc	Giant magnetochiral anisotropy from quantum confined surface states of topological insulator nanowires
20	Ilan Bouquet	PhD student	2D Simulation of single- and double-dot FinFET quantum devices with the effective mass and $k \cdot p$ approximation
21	Irina Heinz	PhD student	Optimizing single-qubit and two-qubit gates in spin qubit arrays.
22	Jonas Mielke	PhD student	Theory of cavity QED with hybrid quantum-dot donor systems
23	Lidia Stocker	PhD student	Strong correlations in an exchange interaction based entanglement bus
24	Linnea Bendrot	Master (Inspire Potent	Ohmic Nb Contacts for Cryo InP HEMTs
25	Lisa Sommer	Master (Inspire Potent	Cool Schottky Barriers
26	Maria Spethmann	PhD student	Coupled superconducting spin qubits with spin-orbit interaction
27	Melina Luthi	PhD student	Planar Josephson junctions in germanium: Effect of cubic spin-orbit interaction
28	Michele Ponso	Master's student	Selective Area Growth of Ge/Si core shell nanowires
29	Nico Hendrickx	Postdoc	Noise and scalability in Si and Ge hole spin qubits
30	Nicolas Forrer	PhD student	Ge-Si nanowire heterostructures for spin qubits
31	Pavel Dolgirev	PhD student	Pump and probe experiments of correlated electron systems
32	Pierre Chevalier	PhD student	Coupling Ge/Si qubits to a microwave resonator
33	Richard Hess	PhD student	Prevalence of trivial zero-energy sub-gap states in non-uniform helical spin chains on the surface of superconductors
34	Taras Patlatiuk	Research associate	Ge/Si hole spin qubits
35	Vera Jo Weibel	PhD student	Towards Hybrid Superconductor/Semiconductor Devices in Planar Germanium Heterostructures
36	Xianpeng Zhang	Postdoc	Andreev spin cloud and qubit
37	Zhe Hou	Postdoc	Zero-energy Andreev bound states in iron-based superconductor Fe(Te,Se)