

Poster session I (Tuesday 30 September 4:30 pm - 5:30 pm)

Name	Affiliation	Title of the poster
Anastasia Papadaki	QACI (K7)	Haar Wavelet Transform for Enhanced Image Edge Detection
Benedikt Schoof	SHARE (K6)	Alternative materials for superconducting qubits
Burak Mete	Q-DESSI (K5)	MQSS Benchmarking Suite
Thomas Thönes	SHARE (K6)	Developing Electronic Components and Systems
Daniil Bazulin	SQQC (K1)	Mitigating phase velocity mismatch in flux-pumped Josephson travelling wave parametric amplifiers
Dimitrios Tsevas	TAQC (K3)	tbd
Harshanth Ram Murugesan	EEEQC; SQQC1	Progress Towards Hardware-Efficient Quantum Error Correction
Jacquelin Luneau	HAT (K8)	Theory of Multi-photon Processes for Applications in Quantum Control
Lorenzo Festa	TAQC (K3)	Quantum Computing with Ultracold Sr Atoms
Lucas Marti	THEQUCO (K4)	Efficient Quantum Cooling Algorithm for Fermionic Systems
Marko Ljubotina	THEQUCO (K4)	Dynamics and scars in Rydberg atom arrays
Nicole Zocher	SHARE (K6)	Millikelvin Control Electronics Integration
Robert Koch	SHARE (K6)	Signal Generators for Trapped Atoms QC
Sumeet Sumeet	THEQUCO (K4)	Quasi-particle energies by block diagonalizing Hamiltonian with the VQE algorithm
Xiaorang Guo	Q-DESSI (K5)	Enabling Hybrid Quantum-Classical Computing in HPC Systems
Yilong Yang	TAQC (K3)	Alternative qubit platform based on fermionic ^{171}Yb atoms

Poster session II (Wednesday 1 October 4:15 pm - 5:15 pm)

Name	Affiliation	Title of the poster
Abhishek Yogendra Dubey	QACI (K7)	Quantum Computing Algorithms & Software Research at Fraunhofer IIS
Alona Sakhnenko	QACI (K7)	Is date-efficient learning feasible with quantum models?
Bernhard Jobst	THEQUCO (K4)	Visualizing Dynamics of Charges and Strings in (2+1)D Lattice Gauge Theories
Damian Rovara	QACI (K7)	Supporting End-Users in Realizing Quantum Computing Applications
Esther Cruz Rico	THEQUCO (K4)	Quantum Simulation of Dynamical Response Functions of Equilibrium States
Hans Adel	SHARE (K6)	Shielding Device for Trapped Atoms Quantum Systems
Josias Old	HAT (K8)	Fault-Tolerant Quantum Error Correction
Josias Old	HAT (K8)	Modern Approaches to Quantum Error Correction
Ludvík Cigna	THEQUCO (K4)	Locally Optimal Disentangling of Generic Quantum States
Marco De Pascale	Q-DESSI (K5); QACI (K7)	tbd
Mojahed Jaber	EEEQC	Flux Control in Superconducting Circuits via Custom Bias-Tee Compensation of Distortions Across Short and Long Time Scales
Pavlo Bilous	THEQUCO (K4)	Fast neural-network-based preparation of quantum state families
Petr Zapletal	HAT (K8)	Hybrid quantum-classical neural networks for the recognition of topological phases
Lars Nebrich	SHARE (K6)	Technologies for scalable quantum computers
Sirui Lu	THEQUCO (K4)	Quantum algorithms for cooling: a simple case study
Yannick Stade	Q-DESSI (K5); QACI (K7)	Advances in Compilation for Neutral-Atom based Quantum Computing

Poster session III (Wednesday 1 October 7:00 pm - 9:30 pm)

Name	Affiliation	Title of the poster	No.
Vjeko Dimić	LTP Quantum Circuits	Gate and Flux Tunable Microwave Resonators in Epitaxial Al/InAs Heterostructures	1
Patrick Berwian	LTP TeQSiC	Integrated Silicon Carbide Photonics for QT	2
Andreas Stute	R&D	Optical Enabling Technologies for Quantum Systems	3
Wolfgang Maurer	R&D	tbd	4
Xinyu Ma	TAQC (K3)	Integrated photonic switches for neutral atom control	5
Tjorben Matthes	R&D	QuantUM - a dark fibre network for Garching	6
Davide Orsucci	LTP HESC	Subsystem and XYZ codes from intersecting subsets	7
Johannes Oberreuter, Daria Gutina	LTP Bench-QC	BenchQC: First results from application driven benchmarking	8
Maximilian Nägele	HAT (K8)	Discovering good strategies for quantum technologies	9
Juan Baratech Soriano	LTP Qlock	High-Precision Laser Systems for Quantum Control and Quantum Clocks (Qlock)	10
Hendrik Timme	TAQC (K3)	Universal Fine-Structure Qubit Operations in ^{88}Sr	11
Jakob Kottmann	LTP KID-QC ²	KIT-QC2	12
Nina Stockinger	THEQUCO (K4)	Amplitude amplification in quantum-centric computing	13
Jorge Echavarria	Q-DESSI (K5)	Adding Pulse-level Support to the Munich Quantum Software Stack (MQSS)	14
Patrick Hopf	Q-DESSI (K5); QACI (K7)	Integrating Quantum Software Tools with(in) MLIR	15