

Poster Session I (Tuesday 6 October 17:20 – 18:50)		
No.	Name	Title of the poster
1	Amin Zamani	Towards quantum computing with neutral Yb-171 atoms trapped in optical tweezer arrays
2	Shija Sun	Velocity-Enabled Quantum Computing with Neutral Atoms
4	Petr Zapletal	Hybrid quantum-classical neural network for the recognition of topological phases
5	Yongjie Yuan	Analytical and Numerical Modeling of Superconducting Traveling-Wave Parametric Amplifiers
6	Manuel Koch, Norman Franchi, Christian Carlowitz	Millikelvin Electronics for Scalable Quantum Control
7	Damian Rovara	The MQT Compiler Collection: An MLIR Ecosystem for Quantum Compilation
8	Harshanth Murugesan	Implementation of a Dual-Rail Qubit based on Fixed-Frequency Transmons and a Tunable Coupler
9	Marco Wiedmann	On the convergence of VQE and quantum optimal control
10	Yudong Sun	Fault-Tolerance-Aware Compilation of the Bacon-Shor Code
11	Adelina Bärligea	What Makes Quantum Computations Classically Simulable? Lie-algebraic simulation of spin, fermionic, and bosonic systems
12	Innocenzo Fulginiti, Salvatore Zammuto	Fidelity-Aware Scheduling of Quantum Circuits on Multi-QPU Systems
13	Nina Stockinger	Sample-Based Quantum Diagonalization with Amplitude Amplification
14	Yannick Stade	New Developments in Compilation for Neutral Atom-based Quantum Computing
15	Alona Sakhnenko	A Realistic Roadmap to Quantum-Enhanced Large-Scale Machine Learning
16	Janis Nötzel	Quantum-Limited Blind Source Separation of Classical Light
17	Chenxi Xia	HEI – Photonic Modulator Networks

Poster Session II (Wednesday 7 October 18:45 – 20:15)		
No.	Name	Title of the poster
1	Patrick Berwian	Integrated Silicon Carbide Photonics for QT
2	Joris Kattemölle	Exchange-only qubit stabilized by a single-spin qubit
3	Abhishek Dubey	AI-Assisted Design for Scalable, Efficient and Highly Structured Quantum Circuits for Quantum Chemistry
4	Moritz Berngruber	Towards a novel atomic source for neutral atom quantum computing and simulation experiments
5	Andreas Stute	Scalable optical local addressing matrix for neutral-atom quantum computers (Scala)
6	Felix Fischer, Leonhard Richter und Daniel Burgarth	Overcoming hurdles for continuous variable quantum computing
7	Benedikt Poggel	Towards Peer-to-Peer Application-Driven Quantum Computing Benchmarking
8	Wolfgang Maurer	R&D Professorship Quantum Algorithms and Applications
9	Lucas Katschke	Preparing thermal states of frustrated quantum spin systems using 139 qubits
10	Yanik Herrmann	QMunicate - Building Quantum Connectivity
11	Murali Krishna Kurmapu	Spiral-inductor resonators with engineered surface participation: single-photon Q-factor up to 5 million in wet etched Al on Si
12	Daniel Scheller	4H SiC-based Quantum Memory Nodes for Distributed Quantum Networks
13	Johannes Oberreuter	Results from the BenchQC Lighthouse Project — Application Driven Benchmarking of Quantum Computers
14	Francisco Lazaro Blasco	Forced BP: A Low-Complexity Recursive Decoder for Topological Codes