Posters

Adrian Aasen	**Universal readout error mitigation scheme characterized on superconducting qubits**
Jonas Breustedt	**Scaling-up of NV quantum information processors**
Daniel Bultrini	**Mixed quantum-classical dynamics for near term quantum computers**
Gonzalo Camacho	**Prolonging a discrete time crystal by quantum-classical feedback**
Marcel Cech	**Discrete-time open-system dynamics on NISQ devices**
Alessandro Ciani	**An end-to-end quantum algorithm for the response function of coupled oscillators**
Giulio Crognaletti	**QResNet: a variational entanglement skipping algorithm**
Giovanni Di Bartolomeo	**Efficient quantum algorithm to simulate open systems through the quantum noise formalism**
Jannis Ehrlich	**Quantum computing approaches to greens functions for dynamical mean field theory**
Satoshi Ejima	**Probabilistic imaginary-time evolution in the XXZ Heisenberg chain**
Hendrik Ellenberg	**Lossy gaussian boson sampling for molecular vibronic spectra**
Benedikt Fauseweh	**Quantum computing floquet energy spectra**

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Verena Feulner	**SNAIL-type multi-qubit coupler**
Mark Goh	**Overlap gap property limits limit swapping in QAOA**
Tomohiro Hashizume	**Entropic phase transition between slow and fast scrambling regimes in quantum circuits with tunable interactions**
Irina Heinz	**Analysis and mitigation of residual exchange coupling in linear spin qubit arrays**
Lukas Heunisch	**Tunable coupler to fully decouple and maximally localize superconducting qubits**
M. Lautaro Hickmann	**Potential analysis of a quantum RL controller in the context of autonomous driving**
Yanjun Ji	**Optimized compilation for near-term quantum devices**
Robert Jonsson	**Simulating giant atomic emitters in waveguide arrays**
Tobias Kehrer	**Improving transmon qudit measurement on IBM quantum hardware**
Janis Klamt	**Quantum machine learning-based parameterizations for climate models**
Markus Lange	**Quantum tensor networks for quantum simulations and artificial intelligence (QuTeNet)**
Boxi Li	**Mitigating control errors on NISQ hardware through analytical pulse shaping**

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Kevin Lively	**Robust experimental signatures of phase transitions in the variational quantum eigensolver**
Sebastian Luhn	**Two-qubit encoding strategy for a continuous quantum system based on GKP codes**
Refik Mansuroglu	**Problem specific classical optimization of hamiltonian simulation**
Supreeth Mysore Venkatesh	**Q-Seg: unsupervised quantum annealing-based image segmentation**
Zakaria Mzaouali	**Efficiency optimization in quantum computing: balancing thermodynamics and computational performance**
Shahram Panahiyan	**Towards Non-Hermitian systems using quantum algorithms and tensor networks**
Sholeh Razavian	**Multi-photon realization of open quantum systems in integrated waveguide arrays**
Greta Sophie Reese	**How well variational trial states generated by shallow quantum networks can represent dynamical solutions to the 1D Burgers' equation**
Marvin Richter	**Quantum wasserstein compilation: unitary compilation using the quantum earth mover's distance**
Felix Rupprecht	**Exact circuit implementations of S^2-conserving fermionic UCCSD-singlet excitations**
Alexander Sauer	**Employing continuous quantum systems to solve optimization problems**

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Clara Schellong	**Quantum computation with neutral alkaline-earth-like Ytterbium Rydberg atoms in optical tweezer arrays**
Gary Schmiedinghoff	**Variational quantum quasi-particle operators**
Pia Siegl	**Encoding classical data into quantum states – how randomness translates into entanglement**
Juhi Singh	**Optimal control methods for two-qubit gates in optical lattices**
Philipp Stammer	**Entanglement from an information compression perspective**
Stephan Tasler	**Investigation of multi-qubit tunable coupler for parallel stabilizer readout**
Emanuele Tirrito	**Quantifying non-stabilizerness in many-body systems**
Freyja Ullinger	**Realization of elementary operations for continuous-variable quantum computers**
Michele Vischi	**Noisy gates for simulating quantum computers**
Hakon Volkmann	**Molecular hydrogen and the hydrogen-antihydrogen molecule desecribed with Qubit-ADAPT**
Figen Yilmaz	**Fluxonium qubit design and EPR analysis**
Petr Zapletal	**Error-tolerant quantum convolutional neural networks for symmetry-protected topological phases**

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Elias Zapusek — **Nonunitary multi-qubit operations in variational quantum algorithms**

Houlong Zhuang — **Exploration of new high-entropy materials enabled by quantum computing**