

		Tue - 23rd September	Wed - 24th September	Thur - 25th September
	Plenaries	Plenary talks shared with the other parallel workshops:	Plenary talks shared with the other parallel workshops:	Plenary talks shared with the other parallel workshops:
09:00-09:45		Leo Kouwenhoven: Experiments on Majorana modes in Kitaev chains	Christian Andersen: Superconducting qubits and hybrid qubits	Márió Szegedy: Combinatorial Optimization and QAOA
09:45-10:30		Menno Veldhorst: Spin qubits in germanium	Michael Kastoryano: Quantum Gibbs sampling	Fedor Jelezko: Quantum technologies enabled by colour centres
10:30-11:00		Coffee	Coffee	Coffee
11:00-11:30	Invited talks	Yihui Quek: Chaos at the limits of computation	Richard Küng: A Rigorous Framework for Binary Multi-Objective Quantum Optimization (MOQA)	Gábor Ivanyos: On the Hidden Subgroup and Related Problems
11:30-12:00		Libor Caha: Factoring an integer with three oscillators and a qubit	Róbert Izsák: Quantum Computing for Chemistry and Material Science: Trends and Recent Progress	James Wootton: Level Generation with Quantum Reservoir Computing
12:00-12:30		Lunch	Lunch	Lunch
12:30-13:00		Lunch	Lunch	Lunch
13:00-13:30		Lunch	Lunch	Lunch
13:30-14:00		Lunch	Lunch	Lunch
14:00-14:30		Jordi Tura: A Hierarchy of Spectral Gap Certificates for Frustration-Free Spin Systems	Michał Oszmaniec: Hardness of Boson Sampling with linear number of modes	Joschka Roffe: Quantum Error Correction with Quantum Low-Density Parity-Check Codes
14:30-14:50	Contributed talks	Balázs Pozsgay: On the quantum complexity of eigenstates in integrable models	Zoltán Kolarovszki: Anticoncentration and cross-entropy benchmarking of Boson Sampling with linear number of modes	Áron Márton: Lattice surgery-based logical state teleportation via noisy links
14:50-15:10		András Molnár: Improved method for bounding spectral gaps of local Hamiltonians	Jin-Fu Chen: Boosting thermalization of classical and quantum many-body systems	Bálint Domokos: Characterization of errors in a CNOT between surface code patches
15:10-15:30		Miklós Werner: Real-Time Dynamics in a (2+1)-D Gauge Theory: The Stringy Nature on a Superconducting Quantum Simulator	Balázs Kabella: Convergence speed of quantum Gibbs samplers	Stergios Koutsoumpas: Fault Tolerant gates and Linear Time Decoding of Quantum Error Correcting Codes via Automorphisms
15:30-16:00		Coffee	Coffee	Coffee
16:00-16:20		Pham Nguyen: Chromatic k-local dynamical decoupling from classical codes		Péter Rakyta: Batched Line Search Strategy for Navigating through Barren Plateaus in Quantum Circuit Training
16:20-16:40		Daniele Trisciani: Decomposition of multi-qutrit gates generated by Weyl-Heisenberg strings		Bence Bakó: Classical training of quantum generative models based on Fermion Sampling
16:40-17:00		Dmitriy S. Shapiro: Digital-Analog Simulations of Superradiant States and Schroedinger Cats in the Dicke-Ising Model		Tom Dvir: Tightly integrating a GPU and a QPU for fast calibration of multi-qubit circuits
17:00-17:20		Csaba Czabán: Simon's Algorithm as a Cryptanalytic Benchmark	Poster session shared with the SupraHybrid workshop	
17:20-18:00				
18:00-18:30				
18:30-20:00			Conference dinner on cruise boat.	