Session Program

4–8 May 2026

Quantum Science Generation | QSG 2026

Contributed talk

ECT*, Aula Renzo Leonardi
Strada delle Tabarelle 286, I-38123 Villazzano (Trento)

Monday 4 May

14:30

Contributed talk

Session | **Location:** ECT*, Aula Renzo Leonardi, Strada delle Tabarelle 286, I-38123 Villazzano (Trento)

14:30–15:00 **Comparing and learning figures of merit for quantum circuit compilation.**

Speaker
Harshdeep Singh

15:00–15:30 **Several orders of magnitude sampling overhead reduction in quantum error mitigation**

Speaker
Raam Uzdin

15:30–16:00 **k-interaction angle quantum approximate optimization algorithm**

Speaker
Mirko Consiglio

16:00

Wednesday 6 May

14:00

Contributed talk

Session | **Location:** ECT*, Aula Renzo Leonardi, Strada delle Tabarelle 286, I-38123 Villazzano (Trento)

14:00–14:30 **Global control of strongly-coupled superconducting qubits: a path towards scalability**

Speaker
Marco Riccardi

14:30

Thursday 7 May

14:00

Contributed talk

Session | **Location:** ECT*, Aula Renzo Leonardi, Strada delle Tabarelle 286, I-38123 Villazzano (Trento)

14:00–14:30

All-optical generation of high quality GKP qubits for photonic cluster states using atomic arrays

Speaker
Panagiotis Tselifis

14:30–15:00 **Colour Centre Formation for Silicon Spin-Photon Interfaces**

Speaker
Arnulf Snedker-Nielsen

15:00

16:00

Contributed talk

Session | **Location:** ECT*, Aula Renzo Leonardi, Strada delle Tabarelle 286, I-38123 Villazzano (Trento)

16:00–16:30 **Inequivalence of sets of mutually unbiased bases shapes quantum uncertainty**

Speaker
Dr Giovanni Chesi

16:30–17:00

Implementing the Quantum Fourier Transform on a molecular qudit with full refocusing and state tomography

Speaker
Laura Bersani

17:00

Friday 8 May

11:30

Contributed talk

Session | **Location:** ECT*, Aula Renzo Leonardi, Strada delle Tabarelle 286, I-38123 Villazzano (Trento)

11:30–12:00

Improving VQE Ground State Accuracy via Soft-Coded Orthogonal Subspace Representations

Speaker
Marco Intini

12:00–12:30

Connecting Quantum Error Correction and Lattice Gauge Theories

Speaker
Luca Spagnoli

12:30