



EQAI 2026 | 5th European Summer School on Quantum AI

31 August – 04 September, 2026

Lignano Sabbiadoro, Italy

School Schedule

August 31, 2026

09:00	Registration opens
09:15 - 09:30	Welcome and opening remarks
09:30 - 10:30	Talk – Adrián Pérez-Salinas Variational quantum algorithms: an overview on motivation, limitations and their role to transition between NISQ and fault-tolerant era
10:30 - 11:00	Coffee Break
11:00 - 12:30	Talk – Adrián Pérez-Salinas (continued)
12:30 - 14:00	Lunch Break
14:00 - 15:30	Group Activity
15:30 - 16:00	Coffee Break
16:00 - 17:30	Poster Session
Evening	Welcome Aperitif

September 01, 2026

09:00 - 10:30	Talk – Lukasz Cincio Scalable quantum circuit compilation with quantum machine learning
10:30 - 11:00	Coffee Break
11:00 - 12:30	Talk – Lukasz Cincio (continued)
12:30 - 14:00	Lunch Break
14:00 - 15:30	Talk – Ilaria Siloi Quantum and Tensor-Network Methods for Combinatorial Problems
15:30 - 16:00	Coffee Break

September 02, 2026

09:00 - 10:30	Talk – Muhammad Usman More quantum machine learning with less quantum gates
10:30 - 11:00	Coffee Break
11:00 - 12:30	Talk – Muhammad Usman (continued)
12:30 - 14:00	Lunch Break
14:00 - 15:30	Group Activity
15:30 - 16:00	Coffee Break

September 03, 2026

09:00 - 10:30	Talk – Laia Domingo Colomer Quantum Reservoir Computing and Quantum Extreme Learning Machines: Theory, Design, and Experiments
10:30 - 11:00	Coffee Break
11:00 - 12:30	Talk – Laia Domingo Colomer (continued)
12:30 - 14:00	Lunch Break
14:00 - 15:30	Talk – Francesco Scazza Quantum processors with neutral atom arrays: from analog simulators to quantum computers
15:30 - 16:00	Coffee Break
16:00 - 17:30	Talk – Angelo Bassi Foundations and Frontiers of Quantum Key Distribution: From BB84 to Regional Quantum Networks
Evening	Pizzata

September 04, 2026

09:00 - 10:30	Talk – Ivano Tavernelli Quantum computing simulations in the natural sciences
10:30 - 11:00	Coffee Break
11:00 - 12:30	Talk – Ivano Tavernelli (continued)
12:30 - 14:00	Lunch Break
14:00 - 15:30	Final Exam (optional)
15:30 - 16:00	Coffee Break