



QSCAN Workshop: (Quantum) Oblivious Transfer and Beyond QKD

June 9th, 2026

AIT Austrian Institute of Technology
Giefingasse 2, 1210 Vienna

Agenda

	Titel	Speaker
10:30	Welcome	Sebastian Ramacher
10:35	Project Overview QSCAN	Armando Pinto
11:00	Challenges in quantum oblivious transfer	Alessandro Trenti
11:25	Quantum-enabled secure multiparty computation: A practical implementation of quantum oblivious transfer	Martin Achleitner
11:50	Quantum weak coin flipping	Mathieu Bozzio
12:15	Lunch break	
13:15	Enhancing quantum applications: squeezed light detection with a low-noise die-level balanced receiver	Emmily Zaiser
13:40	OT-based MPC Protocols	Federico Valbusa
14:05	Secure Computation Services Based on Quantum Oblivious Keys	Armando Pinto
14:30	Coffee break	
15:00	Oblivious Transfer, Extended: Oblivious Evaluations for Privacy	Lena Heimberger
15:25	Commitment Schemes from OWFs with Applications to Quantum Oblivious Transfer	Federico Valbusa