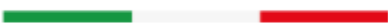


Session Program

9-10 Oct 2025




Embassy of Italy
Stockholm

Quantum Technology meets Quantum Materials

Second Session. Chair: Simone Gasparinetti

Microtechnology and Nanoscience Department (MC2), Chalmers
Kemivägen 9, 41258 Göteborg

Thursday 9 October

15:30

Second Session. Chair: Simone Gasparinetti Session

15:30–15:55 **Spin on 2D Quantum matter**

Speaker

Saroj Dash

15:55–16:20

Broadband Quantum-Limited Traveling-Wave Microwave Parametric Amplification for Quantum Sensing and Computing

Speaker

Andrea Giachero

16:20–16:45

Nanoscale YBCO devices for quantum sensors

Speaker

Thilo Bauch

16:45–17:10

The 25 ->64 qubits superconducting quantum computer of the HPC national center @unina: physics, implementation, operation & hardware evolution

Speaker

Francesco Tafuri

17:20