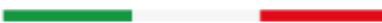


Session Program

9-10 Oct 2025




Embassy of Italy
Stockholm

Quantum Technology meets Quantum Materials

**First Session: Chair: Floriana Lombardi,
Chalmers**

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

Thursday 9 October

13:30

First Session: Chair: Floriana Lombardi, Chalmers

Session | **Location:** Kollektorn, MC2

13:30–13:55

Superconducting circuits in axion dark matter search: microwave photon counting with transmon qubits

Speaker

Caterina Braggio

13:55–14:20

Impact of ambient radioactivity on transmon qubit

Speaker

Laura Cardani

14:20–14:45

Towards Quantum limited Sensing of microwave photons with scalable epitaxial graphene

Speaker

Sergey Kubatkin

Location

Kollektorn, MC2

15:00