

Master of Science Quantum Engineering

The QuanTech Workshops provide a project-based learning environment for students of the program “MSc in Quantum Engineering” at ETH Zurich.



QuanTech Symposium 2022

When: January, 18, 2023 – Start at 1 pm

Where: ETH Höggerberg, HIT E 51 - Siemens Auditorium

Registration (mandatory, free of charge):

<https://forms.gle/n4K2HqcJFszGyu8K9>



Students' presentations:

- **Single-electron two-qubit system in bilayer graphene quantum dots**
By: D. Denora, A. Jurgens, N. Meggiato, E. Yazici
- **Exploring parallel Ising machines based on Kerr parametric oscillators**
By: P. Á. Dominguez, F. Miserocchi, D. Pittilini, R. Sathyanarayanan
- **Investigating the piezoelectric properties of a quantum acoustic transducer**
By: L. F. Martinez, R. Garcia Belles, C. Henke
- **Multiplexed drive of superconducting qubits**
By: D. Veldhuizen, K. Zhou, F. M. Ruscio, H. Tuschla
- **Ab-initio molecular dynamics with a hybrid quantum-classical algorithm**
By: Y. Wang, M. Skrabulis, T. Dao, P. Arabadjieva

Invited Talk

- **Superconducting quantum computers by IQM**
Speaker: Prof. Mikko Möttönen – IQM

Apéro



Please register and join us!