

Thu, July 9

11:30 AM	Registration Networking-Lunch and Coffee Contribution
12:30 PM	Introduction to Helmholtz Quantum and current challenges (Tommaso Calarco, Forschungszentrum Jülich) Contribution Location: Max Delbrück Center - Berlin Institute for Medical Systems Biology (MDC-BIMSB), Hannoversche Str. 28, 10115 Berlin
12:30 PM	Welcome to Helmholtz Quantum Contribution
12:40 PM	Alexandra-Gwyn Paetz - Abteilungsleiterin Technologische Souveränität und Innovation - BMFTR Contribution Location: Max Delbrück Center - Berlin Institute for Medical Systems Biology (MDC-BIMSB), Hannoversche Str. 28, 10115 Berlin
12:50 PM	Helmholtz Quantum Use Challenge - QActive (Jan Timper, Forschungszentrum Jülich) Contribution Location: Max Delbrück Center - Berlin Institute for Medical Systems Biology (MDC-BIMSB), Hannoversche Str. 28, 10115 Berlin
1:00 PM	Presentation of the Helmholtz Quantum Use Challenge Projects Contribution
1:00 PM	qFlow - Quantum-Enhanced Simulations of Complex Fluid Flows (Werner Dobrautz, HZDR) Contribution
1:30 PM	QT-Batt – Quantum Technologies for Batteries (Tobias Binninger, FZJ) Contribution
2:00 PM	QuWIRK – Quantum Algorithms for Drug Discovery (Frank Wilhelm-Mauch, FZJ) Contribution
2:30 PM	QuBiopsy – Quantum-Based Cancer Diagnostics (Georgy Astakhov, HZDR) Contribution
3:00 PM	Coffee Break Break
3:45 PM	Pitches for more Quantum Use projects Contribution
5:00 PM	

3:45 PM
4:05 PM
5:00 PM
6:00 PM
6:00 PM
9:00 PM

QC4Image
Contribution

Keynote: Sabrina Maniscalco - Professor of Quantum Information, Computing and Logic - University of Helsinki, CEO Algorithmiq
Contribution

Dinner - Networking
Break

Fri, July 10

9:30 AM
11:00 AM
11:00 AM
12:00 PM
12:00 PM
1:00 PM
1:00 PM
2:00 PM

Networking Poster Session & Coffee
Contribution

Discussion - Helmholtz Quantum Strategy (Tommaso Calarco)
Contribution

Discussion - DARPA-Style Challenges (Martin Keller)
Contribution

Lunch and Farewell
Break