

Mid-Term-Meeting „Quantencomputer Demonstrationsaufbauten“

22. – 23.10.2024

FUTURIUM, Alexanderufer 2, 10117 Berlin

Programme

October 22, 2024

12:00 Registration & Lunch

13:00 Opening & Welcoming

13:05 Greetings of the Federal Ministry of Education and Research

State Secretary Dr. Roland Philippi, BMBF

13:15 Panel Discussion on Quantum Computing in Germany

Dr. Michael Bolle, Carl Zeiss Foundation

Prof. Cornelia Denz, PTB

Prof. Christopher Eichler, FAU Erlangen-Nuremberg

Dr. Michael Johanning, eleQtron GmbH

State Secretary Dr. Roland Philippi, BMBF

14:00 Scientific Accompanying Research Input from the Q. E. D. Project

Dr. Friedrich Dornbusch, Fraunhofer IMW

Dr. Max Mittenzwei, Fraunhofer IMW

Manuel Molina Vogelsang, Fraunhofer IMW

14:35 Project Presentations // Session 1

Rymax: Prof. Herwig Ott, University of Kaiserslautern-Landau

15:00 Break & Networking

15:40 Project Presentations // Session 2

MuniQC-SC: Prof. Stefan Filipp, TU Munich

Q-Exa: Dr. Markus Bendele, IQM Germany GmbH

QSolid: Prof. Frank Wilhelm-Mauch, Forschungszentrum Jülich

ATIQ: Prof. Christian Ospelkaus, Leibniz University Hannover

17:20 Wrap-up Day 1 & Outlook Day 2

17:30 Networking Dinner & Highlight Poster Presentation

19:00 End of Day 1



October 23, 2024

8:30 Registration & Coffee

9:00 Welcoming

9:05 Keynote

Prof. Seth Lloyd, MIT

10:00 Presentations “Public Support of Quantum Computing in Germany”

Dr. Karla Loida & Dr. Philipp Ranitzsch, DLR Quantencomputing Initiative

Dr. Anke Ginter, Bundesdruckerei

10:50 Project Presentations // Session 3

MuniQC-Atoms: Prof. Immanuel Bloch, MPI of Quantum Optics

11:15 Break & Networking

11:45 Project Presentations // Session 4

PhoQuant: Dr. Mathias Metsch, Q.ANT GmbH

Spinning: Prof. Rüdiger Quay, Fraunhofer IAF

CoGeQ: Prof. Jan Meijer, Leipzig University

13:05 Closing Words

13:15 Networking Lunch

14:30 End of Day 2