Thursday, October 10th

12:00  Lunch (optional)

From 12:30  Registration and Welcome Reception

13:30  Stefanie Barz: Welcome

Session 1  Chair: Stefanie Barz

13:35  Guest speaker Tilman Pfau (U Stuttgart): Quantum Technologies based on Rydberg Atoms & The Center for Integrated Quantum Science and Technology (IQST)

14:20  Dennis Schlippert (U Hannover): Inertial sensing using ultra-cold matter waves

14:50  Michael Kues (U Hannover): Integrated quantum frequency combs

15:20  Tobias Heindel (TU Berlin): Towards Quantum Communication Networks Exploiting Solid-State Quantum-Light Sources

15:50  Coffee Break

Session 2  Chair: Tim Bartley

16:20  Tim Schröder (HU Berlin): Diamond Nanophotonics for On-Chip Quantum Technology

16:50  Valerio Flavio Gili (Group of Frank Setzpfandt, U Jena): Quantum Imaging for applications in life sciences

17:20  Guest speaker Jörg Wrachtrup (U Stuttgart): Quantum Sensing

18:00  Break

19:00  Dinner @ Campus.Guest

20:00  After-Dinner Poster Session

Friday, October 11th 2019

Session 3  Chair: Tim Schröder

9:00  Stefanie Barz (Stuttgart): Secure Computing in Quantum Networks

9:30  Tim Bartley (U Paderborn): Developing Integrated Quantum Optics at Cryogenic Temperatures for Quantum Communication

10:00  Kai Müller (TU München): Modular Photonic Quantum Technologies

10:30  Roman-Pascal Riwar (RWTH Aachen): Towards circuits exhibiting topological transport (Videovortrag)

11:00  Coffee Break

Session 4  Chair: Kai Müller

11:30  Guest Speaker Helmut Fedder, Swabian Instruments

12:00  Guest Speaker Michael Förtsch, Q.Ant

12:30  Lars Unnebrink (VDI): BMBF Funding of Quantum Technologies

13:00  Lunch (optional)

14:00  Labtours (optional) – Meeting point – Hotel lobby