



QT Flagship Community Consultation Workshop Berlin, 10th November 2016



09:15	Registration
10:00	Welcome address from the HLSC
10:10	Governance and structure panel discussion <ul style="list-style-type: none">• Presentation of the QUTE Consensus Report (T. Strohm, Bosch GmbH)• Web consultation results (T. Debuisschert, Thales Group)• Open discussion (Moderator: T. Strohm, Bosch GmbH)
11:00	Coffee break
11:30	Presentation from the Joint Research Centre (M. Travagnin, JRC, European Commission)
11:40	Industry panel discussion <ul style="list-style-type: none">• Presentation of the Industry White Paper (R. Murray, Innovate UK)• Industry inputs:<ul style="list-style-type: none">▪ computing and simulation (P. Müller, IBM Research Lab)▪ communication (A. Shields, Toshiba Ltd.)▪ sensing (B. Desruelle, Muquans)• Open discussion (Moderator: G. Kalbe, Head of Unit HPC/QT, European Commission)
13:30	Networking Lunch
14:30	Scientific panel discussion <ul style="list-style-type: none">• Presentation of the QT Scientific Roadmap and Web consultation results<ul style="list-style-type: none">▪ Q Simulation (I. Bloch, MPQ Garching)▪ Q Computation (D. Lucas, University of Oxford)▪ Q Sensing (P. Schmidt, PTB Braunschweig)▪ Q Communication (N. Gisin, University of Geneva)▪ QI Theory (A. Acin, ICFO Barcelona)• Open Discussion (Moderator: R. Thew, University of Geneva)
15:45	Parallel sessions on cross-cutting challenges <ul style="list-style-type: none">• Quantum engineering and control (Moderators: R. Thew, University of Geneva; F. Wilhelm, Saarland University)• Enabling Science (Moderators: A. Wallraff, ETH Zurich; F. Jelezko, IQST Ulm)• Theory, algorithms and protocols (Moderators: H. Buhrman, Qsoft Amsterdam; A. Xuereb, University of Malta)
16:45	Coffee break
17:15	Concluding plenary session <ul style="list-style-type: none">• Parallel sessions' summaries (T. Debuisschert, Thales Group)• Wrap up by the HLSC
18:15	End of the workshop