

Preliminary programme

DAY 1	TUESDAY 17 MAY	
08:30	Registration and coffee/tea	
09:00	Intro and welcome by moderator Cora Van Nieuwenhuizen, Member of European Parliament Welcome by Günther Oettinger, European Commissioner for Digital Economy and Society Welcome by Henk Kamp, Dutch Minister of Economic Affairs Welcome by Leo Kouwenhoven, QuTech	Exhibition / demonstrations
09:35	Ceremony for hand over of the Manifesto to Kamp and Oettinger With: Alain Aspect, Paolo Bianco, Michael Bolle, Tommaso Calarco, Freeke Heijman, Leo Kouwenhoven	
09:45	Plenary: Alain Aspect, Institut d'Optique	
10:00	Plenary: Michael Bolle, Robert Bosch GmbH	
10:15	Plenary: Mike Mayberry, Intel	
10:30	Opening of the exhibition + coffee break	
11:00	Panel discussion on quantum strategy in Europe Moderated by Cora van Nieuwenhuizen, Member of European Parliament Reflection on speakers by Krysta Svore, Microsoft Panelists: Alain Aspect, Institut d'Optique Michael Bolle, Robert Bosch GmbH Leo Kouwenhoven, QuTech Mike Mayberry, Intel Krysta Svore, Microsoft	

11:45	<p>Panel discussion on quantum technology approaches within European member states</p> <p>(Chair TBD)</p> <p>Panelists:</p> <p>Vladimir Buzek, Slovak Academy of Sciences</p> <p>Freeke Heijman, Ministry of Economic Affairs, Netherlands</p> <p>Paul Indelicato, Université Pierre et Marie Curie</p> <p>Sir Peter Knight, UK Quantum Technology Initiative Strategy Advisory Board</p> <p>Juergen Mlynek, Helmholtz Foundation (TBC)</p> <p>Anna Plater, National Science Centre, Poland</p>					
12:30	Serge Haroche via video call					
12:45	Lunch					
14:00– 15:30 Working sessions on the scientific content of the Quantum Manifesto	<p>Q Comm</p> <p>Co-chairs:</p> <p>Nicolas Gisin, University of Geneva and Wolfgang Spahn, CTO, KEYMILE</p> <p>Kelly Richdale, IDQ, Switzerland</p> <p>Tim Spiller, Qucom hub; York University, UK</p> <p>Andrew Shields, Toshiba, UK</p> <p>Qiang Zhang, University of Science and technology, China</p> <p>Ronald Hanson, QuTech, Netherlands</p>	<p>Q Sim</p> <p>Co-chairs:</p> <p>Paolo Bianco, Airbus Defence & Space and Iuliana Radu, IMEC</p> <p>Daniel Lidar, CQIST and USC-Lockheed Martin QCC, USA</p> <p>Dorit Aharonov, Hebrew Uni of Jerusalem, Israel (TBC)</p> <p>Maciej Lewenstein, ICFO, Spain</p> <p>Andreas Wallraff, ETHZ, Switzerland</p> <p>Tilman Esslinger, ETHZ, Switzerland</p>	<p>Q Comp</p> <p>Co-chairs:</p> <p>Daniel Esteve, CEA Saclay & Thomas Strohm, Robert Bosch GmbH</p> <p>Lieven Vandersypen, QuTech, Netherlands</p> <p>Rainer Blatt, Uni of Innsbruck, Austria</p> <p>Jeremy O'Brien, Uni Bristol, UK</p> <p>David DiVincenzo, RWTH Aachen, Germany</p> <p>Alessandro Curioni, IBM Research, Zürich, Switzerland</p>	<p>Q Sens+Metr</p> <p>Co-chairs:</p> <p>Ian Walmsley, Uni Oxford & Thierry Debuisschert, Thales Research & Technology</p> <p>Fedor Jelezko, Uni Ulm, Germany</p> <p>Helen Margolis, UK National Physical Laboratory, UK</p> <p>Bruno Desruelle, MuQuans, France</p> <p>Konrad Banaszek, Uni Warsaw, Poland</p> <p>Trevor Cross, e2v, UK</p>	<p>Q Softw/Algor</p> <p>Co-chairs:</p> <p>Ignacio Cirac, Max Planck Institute of Quantum Optics & Mike Mayberry, Intel</p> <p>Artur Ekert, Oxford, UK / Singapore</p> <p>Matthias Troyer, ETH Zurich, Switzerland</p> <p>Harry Buhrman, Uni of Amsterdam, Netherlands</p> <p>Eduard Fahri, MIT, USA</p>	
15:30	Coffee break					

16:00	Plenary: Mike Lazaridis, Quantum Valley Investments	
16:30	Plenary: Charles Marcus, University of Copenhagen	
17:00– 17:10	Closing by Tommaso Calarco, University of Ulm, IQST	
	Transport to the dinner location Piano quantum intermezzo before appetizer	
	Plenary dinner speakers: Krysta Svore, Microsoft Anton Zeilinger, University of Vienna	

DAY 2	WEDNESDAY 18 MAY	
08:30	Coffee/tea	
09:00	Opening by Bertholt Loeffink, DG of Enterprise and Innovation, Ministry of Economic Affairs	Exhibition / demonstrations
09:10	Plenary: John Martinis, Google	
09:40	Panel discussion on industry Chaired by Trevor Cross, e2v Panelists: Paolo Bianco, Airbus Rob Blaauwgeers, BlueFors Cryogenics Markus Matthes, ASML Eamonn Murphy, ESA / ESTEC Kelly Richdale, IDQ Andrew Shields, Toshiba Maud Vinet, LETI	
10:40	Coffee break	
11:10	Panel discussion on quantum technology approaches outside of Europe Chaired by Maive Rute, JRC Panelists: Artur Ekert on Singapore Mark de Jong, McKinsey & Company (TBC) Mike Lazaridis on Canada Charles Marcus on U.S. Qiang Zhang on China	
12:10	Closing	
12:30	Lunch buffet	
	Optional QuTech lab tour in Delft (Buses leave from Europe Building at 14:00)	