

TIME	WEDNESDAY (Siemens)	THURSDAY (Technical Museum Vienna)	FRIDAY (Technical Museum Vienna)
9:00		Keynote <i>Artur Ekert – University of Cambridge and National University of Singapore</i>	Invited and Contributed Talks Invited: Differential Phase Shift Quantum Key Distribution <i>Yoshihisa Yamamoto – Stanford</i> Invited: Are QKD systems really useful (in practice)? <i>Hoi-Kwong Lo – Toronto</i> Device-Independent QKD <i>Antonio Acin – ICFO Barcelona</i> A novel single-mode quantum dot single photon source <i>Jean-Michel Gerard – Grenoble</i>
9:30	Registration + Welcome Coffee	Security Fundamentals of Quantum Information Security <i>Renato Renner – ETH Zürich</i> Security of Practical QKD Systems <i>Norbert Lütkenhaus – Waterloo</i>	
10:00	Welcome Statements + Introduction + Film		
10:30	SECOQC QKD Network Demonstration	Coffee Break	Coffee Break
11:00		SECOQC Prototype – Architecture <i>Oliver Maurhart – ARC</i> Standardisation Initiative: Novel Applications and Standardisation <i>Thomas Länger – ARC</i> ETSI Industry Specification <i>Gaby Lenhart – ETSI</i>	Contributed Talks Entanglement based QKD with 2 free-space optical links <i>Chris Erven – Waterloo</i> Practical scheme fibre-optical QKD with polarization qubits <i>Jean Pierre vonderWeid – PUC-Rio de Janeiro</i> Sidebands modulation scheme with dispersion compensation <i>Nicolas Pelloquin – Smartquantum</i> Field trial of diff.-phase-shift QKD using up-conversion detection <i>Toshimori Honjo – NTT</i>
11:30		Questions to the Scientific Podium <i>SECOQC Key Researchers</i>	
12:00	Résumé <i>Momtchil Peev – ARC</i>	Poster session	ETSI ISG Kick-Off <i>Members</i>
12:30	Lunch Break		
14:00	Using QKD techn. to build secure networks <i>Romain Alléaume – ENST</i>	QKD-Devices: <i>G. Ribordy / M. Legré – IdQuantique</i> <i>Nicolas Gisin – GAP Univ. of Geneva</i> <i>Andrew Shields – Toshiba Research</i> <i>A. Zeilinger / H. Hübel – Univ. Vienna</i> <i>Philippe Grangier – CNRS Paris</i> <i>John Rarity – University of Bristol</i> <i>Harald Weinfurter – LMU Munich</i>	Development of Novel Detector Schemes Silicon Single Photon Avalanche Diodes for QKD <i>Sergio Cova – Politecnico di Milano</i> InGaAs/InP Single-Photon Avalanche Diode Detectors for QKD <i>Gerald Buller – Univ. Edinburgh</i> High-performance SPAD for QKD Networks <i>Mark Itzler – Princeton Lightwave Inc.</i> Superconducting nanowire photon number resolving detector <i>Francesco Marsili – Eindhoven</i> Rebirth of InGaAs for high bit rate single photon applications <i>Zhiliang Yuan – Toshiba</i> Telecom-band, sinusoidally gated APD for GHz clocked systems <i>Naoto Namekata – Nihon Univ.</i>
14:30	Area specific foci		
15:00	QKD in the context of European strategies <i>Jacques Bus – EU</i> QKD in USA and Canada <i>Richard Hughes – LANL, USA</i>		
15:30	Toward new generation - QKD in Japan <i>Masahide Sasaki – NICT, Japan</i> QKD in Singapore <i>Artur Ekert – Univ. of Singapore</i>		
16:00	Coffee Break		Coffee Break
16:30	Future aspects The Future of Quantum Information <i>Anton Zeilinger - Vienna</i>	Poster session + Coffee + Discussions	SECOQC internal meeting General Assembly
17:00	Future Trends in QKD <i>Grégoire Ribordy – IdQuantique</i> QKD – A Roadmap to the Future: <i>Experts panel</i>		
17:30			
18:00		Conference reception	
21:30		online: www.secoqc.net	