

Wednesday 16/11/2016

Thursday 17/11/2016

Friday 16/11/2016

08:30	opening session – Amphi Thevenin		
09:00	QCOM – Amphi Thevenin 9:00 Quantum Key Distribution : From the concept to a commercial application - H. Zbinden 10:00 Trust, Security and Quantumness - D. Markham	FQA – Amphi Thevenin 9:00 An introduction to quantum thermodynamics - S. Wehner 10:00 Bell inequalities for maximally entangled states - A. Salavrakos	QSIM – Amphi Thevenin 9:00 Spin qubits in semiconductors: an overview and outlook – D. Loss 10:00 Multimode circuit QED : Towards many-body physics – N. Roch
10:30	coffee break – Hall		
11:00	European Flagship Round Table – Amphi Thevenin	FQA & QCOM – Amphi Thevenin 11:00 Light-matter interfacing with quantum dots : a polarization tomography approach - P. Hilaire 11:30 Dipolar quantum droplets, a liquid from quantum correlations - I. Ferrier-Barbut 12:00 Tunable single photon source with carbon nanotubes - Y. Chassagneux	QMET – Amphi Thevenin 11:00 Quantum sensors with matter waves – P. Bouyer 12:00 State-of-the-art cold atom gyroscope without dead time – R. Geiger
12:30	lunch break – Hall		
14:00	QPAC – Amphi Thevenin 14:00 Quantum optimal control for quantum technologies - T. Calarco 15:00 Quantum information processing in phase space: A modular variables approach - A. Ketterer	QMET – Amphi Thevenin 14:00 New Frontiers in Quantum Optomechanics – M. Aspelmeyer 15:00 Magnetic resonance with squeezed microwaves – P. Bertet	QSIM & QMET – Amphi Thevenin 14:00 Spreading of Quantum Correlations in Short- and Long-Range Interacting Systems – L. Sanchez-Palencia 14:30 Measurements of spectral function of ultra-cold atoms in disordered potentials – M. Mukhtar 15:00 Electron spin resonance from NV centers in diamonds levitating in an ion trap – G. Hétet
15:30	coffee break – Hall		
16:00	QCOM – Amphi Thevenin 16:00 Recent results in experimental satellite quantum communication - D. Dequal 16:30 Generation of temporally multiplexed pairs of photons with controllable delay in a crystal - J. Etesse	QPAC – Amphi Thevenin 16:00 Quantum walking in (3 + 1)-dimensional curved spacetime – M. Forets 16:30 Tomography of mode-tunable coherent single-photon subtractor – Y.-S. Ra	<div style="border: 1px solid black; padding: 10px;"> <p>WIFI connection:</p> <p>SSID "eduroam"</p> <p>with your own login & password or with the following ones:</p> <p><i>login:</i> telecom161116-2002</p> <p><i>password:</i> qEJdY4XH</p> </div>
17:00	POSTER SESSION 1 QCOM & QMET <i>Room E200</i>	POSTER SESSION 2 FQA, QPAC & QSIM <i>Room E200</i>	
19:00	banquet – Hall		
22:00			