

	Wednesday 29/11/2017	Thursday 30/11/2017	Friday 1/12/2017
8:30	Welcome – S. Tanzilli		
9:00	QMET-tuto: Exploring condensed matter physics with a single spin microscope – V. Jacques	QCOM-tuto: Optical realization of info and com complexity protocols – N. Lutkenhaus	QCOM/FQA-tuto: Q communication in free-space, fiber and eventually to a satellite – R. Ursin
10:00	QMET: Overcomplete Q tomography of a spatially encoded 2-photon N00N state – O. Krebs	QCOM: 1-D atomic chains around a nanoscale waveguide – N. Corzo-Trejo	QCOM: Coherent control of the silicon-vacancy spin in diamond – B. Pingault
10:30	Coffee Break	Coffee Break	Coffee Break
11:00	QMET: Towards electron spin hyperpolarization via radiative cooling – B. Albanese	QCOM: Photonic quantum state transfer between a cold atomic gas and a crystal – N. Maring	QCOM: Dense wavelength division multiplexed hyperentanglement for high capacity quantum information processing – P. Vergyris
11:30	QMET: Resolution of Q ghost imaging and quantum Fourier ptychography – P.-A. Moreau	QCOM: All-optical synchronization for quantum networks – B. Fedrici	FQA-tuto: Multi-time states, multi-time measurements and pre- and post-selection –
12:00	European Flagship, Coordination & Support Actions – T. Debuisschert	QCOM: Correlations with on-chip detection for continuous-variable QKD – L. Trigo Vidarte	S. Popescu
12:30	Lunch	Lunch	Lunch
14:00	QPAC-tuto: Quantum low density parity-check codes – G. Zémor	QSIM-tuto: Quantum simulation – C. Salomon	FQA: Statistical signatures of photon-added and -subtracted states of light – M. Walschaers
14:30			FQA: Fluctuation theorems in a hybrid optomechanical system – J. Monsel
15:00	QPAC: Golden codes, regular Q codes built from regular tessellations of hyperbolic 4-manifolds – Vivien Londe	QSIM: Observing the growth of correlations in dynamically tuned synthetic Ising antiferromagnets – V. Lienhard	FQA: Frequency-entangled qudits in AlGaAs waveguides – G. Maltese
15:30	Coffee Break	Coffee Break	Closing session – S. Tanzilli
16:00	QPAC: Spin detection of natural and artificial atoms in a CMOS device – E. Chanrion	QSIM: Single-atom-resolved probing of lattice gases in momentum space – H. Cayla	
16:30	QPAC: Autopsy of a quantum electrical current – B. Roussel	QSIM: Controlling symmetry and localization properties with an artificial gauge field in a disordered Floquet system – J-F. Clément	
17:00	Poster session 1	Poster session 2	
19:00		Banquet	