

<b>GDR - IQFA Workshop IHP-Paris 2011</b>	<b>Wednesday 23-Nov</b>	<b>Thursday 24-Nov</b>	<b>Friday 25-Nov</b>
8h30 - 9h	Openning		
9h - 9h30	<b>ART Quantum Processing (QP) &amp; Entanglement (ENT)</b> Invited lecture: Trey Porto, NIST <i>Quantum Computing and Simulation in Optical Lattices</i>	<b>ART Entanglement (ENT) &amp; New Devices for Qbit Generation (NDQG)</b> Invited lecture: Lieven Vandersypen, QT TU-Delft <i>Coherent control and correlations of electron spins in quantum dots</i>	<b>ART Quantum Processing (QP) &amp; New Devices for Qbit Generation (NDQG)</b> Invited lecture: Daniel Esteve, Quantronics - CEA Saclay <i>Operating an elementary quantum processor</i>
9h30 - 10h			
10h - 10h30	<b>QP Thomas Coudreau</b> , MPQ Paris, <i>Robust preparation and manipulation of protected qubits using time-varying Hamiltonians</i>	<b>ENT - Sylvain Hermelin</b> , Institut Néel Grenoble, <i>Single electron transfer between distant quantum dots</i>	<b>NDQG - Loic Lanco</b> , LPN Marcoussis, <i>Photon-photon nonlinearity in a quantum dot-micropillar device: towards a one-dimensional atom</i>
10h30 - 11h	Coffe break	Coffe break	Coffe break
11h - 11h30	<b>QP - Anthony Leverrier</b> , ICFO Barcelona, <i>Universal Blind Quantum Computing with Coherent States</i>	<b>ENT - Olivier Arcizet</b> , Institut Néel Grenoble, <i>A single Nitrogen Vacancy defect coupled to a nanomechanical oscillator</i>	<b>NDQG - Agnès Maître</b> , INSP Paris, <i>Purcell effect in plasmonic Patch Antennas</i>
11h30 - 12h	<b>ENT - Zizhu Wang</b> , LTCI Paris, <i>N-Party Hardy Proofs for Symmetric States</i>	<b>ENT - Adeline Orioux</b> , MPQ Paris, <i>Semiconductor sources of two-photon states at room temperature in the telecom range</i>	<b>ART Entanglement (ENT) &amp; Quantum Information Storage (QIS)</b> Invited lecture: Ian Walmsley, Uni Oxford <i>Quantum Correlations in Room-Temperature Solids : Entanglement between two diamonds</i>
12h - 12h30	<b>ENT - Ion Nechita</b> , LPT Toulouse, <i>Block-modified Wishart matrices and applications to entanglement theory</i>	<b>ENT - Pascale Senellart</b> , LPN Marcoussis, <i>A semiconductor deterministic bright source of entangled photon pairs</i>	
12h30 - 14h	Lunch	Lunch	Lunch
14h - 14h30	<b>ART Quantum Communication (QCOM)</b> Invited lecture: Nicolas Cerf, QuLC - Uni Libre de Bruxelles <i>The Gaussian minimum entropy conjecture, or can we prove that "nothing is less (random) than the vacuum (state)" ?</i>	<b>ART Quantum Measurement (QMES) Entanglemen (ENT)</b> Invited lecture: Valerio Scarani, CQT Singapore <i>Device-independent quantum information</i>	<b>ENT - Florian Kaiser</b> , LPMC Nice, <i>Narrowband polarization entangled telecom photon pair source</i>
14h30 - 15h			<b>QIS - Maria Florencia Pascual-Winter</b> , LAC Orsay, <i>Atomic coherences rephasing by rapid adiabatic passages for quantum storage</i>
15h - 15h30	<b>QCOM - Frédéric Grosshans</b> , LPQM Cachan, <i>Increasing the Robustness of BB84 through Continuous Variable Cryptography Techniques</i>	<b>ENT - Pavel Sekatski</b> , GAP Geneva, <i>Cloning of entangled photon pairs : why is it hard to see micro-macro entanglement</i>	<b>QMES - Daniel Braun</b> , LPT Toulouse, <i>Heisenberg-limited metrology without entanglement</i>
15h30 - 16h	<b>QCOM - Anna Pappa</b> , LTCI Paris, <i>Practical Quantum Coin Flipping</i>	Coffe break	Closing
16h - 16h30	Coffe break	<b>Tutorial on the Foundations of Quantum Information</b> Tutorial: Sandu Popescu, TPG - Uni Bristol <i>Pre and post-selection, weak measurements and the arrow of time in quantum mechanics</i>	
16h30 - 17h	Poster Session		
17h - 17h30			
17h30 - 18h			
18h - 18h30			
18h30 - 19h	Poster Session		
19h - 21h	Conference dinner		