

GDR - IQFA 4th Colloquium - Paris 7 - 2013	Wednesday 20-Nov	Thursday 21-Nov	Friday 22-Nov
8h30 - 9h	Opening		
9h - 9h30	ART FOUND & ENT Invited lecture: Alain Aspect, Lab. Charles Fabry, Inst. Optique Graduate School Palaiseau <i>Hanbury Brown and Twiss and other atom-atom correlations : from photon to atom quantum optics</i>	ART QCOM & ENT Invited lecture: Philippe Grangier, Lab. Charles Fabry, Inst. Optique Graduate School Palaiseau <i>Quantum Optics and Quantum Information with Continuous Variables</i>	ART FOUND & QMES-DECO Invited lecture: Jean-Michel Raimond, Lab. Kastler Brossel, UPMC - Paris 6 <i>Quantum measurement and feedback in cavity QED</i>
9h30 - 10h			
10h - 10h30	ENT - Paul-Antoine Moreau , Institut FEMTO-ST Besançon, <i>2-D spatial measurement of the Einstein-Podolsky-Rosen in cameras images</i>	QCOM - Anthony Martin , GAP - Uni. Geneva, <i>Photon-photon parametric interaction</i>	FOUND - Cyril Elouard , Institut Néel Grenoble, <i>Reversible information-energy conversions in a quantum hybrid system</i>
10h30 - 11h	Coffe break	Coffe break	Coffe break
11h - 11h30	ENT - Yin Cai , LKB-UMPC-ENS Paris, <i>On-demand quantum networks within optical frequency combs</i>	ART QIS & QCOM Invited lecture: Nicolas Gisin, Group of Applied Physics, Uni. Geneva <i>Solid-State Quantum Memories, Quantum Teleportation and Large Entanglement</i>	FOUND - Andreas Ketterer , Lab. MPQ Paris, <i>Continuous discretization of infinite dimensional Hilbert spaces</i>
11h30 - 12h	ART QP & NDQG Invited lecture: John M. Martinis, Uni. Of California at Santa Barbara <i>Design of a Superconducting Quantum Computer</i>		QMES-DECO - Shih-Yuin Lin , Nat. Chengua Uni. Of Education, <i>Nonlocal projective measurements in relativistic systems</i>
12h - 12h30			QMES-DECO - Wei-Min Zhang , CQIS & National Cheng Kung Uni., <i>Non-Markovian Dynamics Impact on the Foundations of Statistical Mechanics</i>
12h30 - 14h	Lunch	Lunch	Lunch
14h - 14h30	QP - Thomas Lawson , LTCI Telecom ParisTech, <i>A measure of progress for Shor's factoring algorithm</i>	QIS - Dominik Maxein , LKB-UMPC-ENS Paris, <i>Reversible storage and generation of quantum states of light in Cs atomic ensembles</i>	ART QP & CMQ Invited lecture: Peter Zoller, Inst. for Theoretical Physics of Physics, Uni. Innsbruck, and IQOQI, Austrain Academy of Science <i>Quantum Simulation with Cold Atoms, Molecules and Ions</i>
14h30 - 15h	NDQG - Christian Glattli , CEA Saclay, <i>Levitons : minimal excitations states of Fermions for electron quantum optics or cold atomic gases</i>	QIS - Emmanuel Flurin , LPA-ENS Paris, <i>Entanglement preserving memory for quantum microwaves</i>	
15h - 15h30	NDQG - Sylvain Ravets , Lab. Charles Fabry, Inst. Optique Graduate School Palaiseau, <i>Rydberg blockade in an array of optical tweezers</i>	OTHER - Jacques Carolan , CQP Uni. Bristol, <i>Multiphoton Quantum Walks</i>	CMQ - Eva Dupont-Ferrier , Institut Néel Grenoble, <i>Quantum Information with single dopant</i>
15h30 - 16h	ENT - Olivier Parlavecchio , CEA Saclay, <i>Nonclassical Photon Pair Production in a Voltage-Biased Josephson Junction</i>	ENT - Adeline Orioux , Sapienza Università di Roma, <i>Experimental optical quantum simulation of a spin ring under a magnetic field</i>	CMQ - Hsi-Sheng Goan , NTU Taipei & CTP Taiwan, <i>Quantum optimal control for open quantum systems</i>
16h - 16h30	Coffe break	Coffe break	Closing
16h30 - 17h	Poster Session	Poster Session	List of the Thematics (ARTs) CMQ - Coherent Manipulation of Qbits ENT - Entanglement FOUND - Foundations of Quantum Information NDQG - New Devices for Qbit Generation QCOM - Quantum Communication QMES-DECO - Quantum Measurement & Decoherence QIS - Quantum Information Storage QP - Quantum Processing
17h - 17h30			
17h30 - 18h			
18h - 18h30			
18h30 - 19h			
19h00 - 22h			

