


Wednesday, Nov. 13	Thursday, Nov. 14	Friday, Nov. 15
 <p>09:00-12:00 Job Fair</p> <p>Sorbonne University, 4 place Jussieu, towers 44-54, 1st floor, rooms 107 & 109</p> <p>12:00-13:30 Job Fair Lunch & Arrivals</p> <p>Talks, posters, meals and breaks: Sorbonne University, 4 place Jussieu, International Conference Center (CICSU), patio towers 44-55</p>	<p>09:00 Zoe Holmes (EPFL, CH) Tutorial <i>Quantum process learning and variational quantum computing</i></p>	<p>09:00 Félicien Appas (ICFO, ES) <i>Entanglement of on-demand solid-state quantum memories for quantum repeater links</i></p>
	<p>10:00 Paul Hilaire (Quandela, FR) <i>Enhanced fault-tolerance in photonic quantum computing : Floquet code outperforms surface code in tailored architecture</i></p>	<p>09:20 Nicolas Laurent-Puig (LIP6, FR) <i>Experimental device-independent certification of a 4-qubit GHZ State</i></p>
	<p>10:20 William Lam (LPMCM, FR) <i>Measurement of the Lindbladian of quantum computers with randomised Pauli measurements</i></p>	<p>09:40 Othmane Meskine (MPQ, FR) <i>Experimental quantum triangle network nonlocality with an AlGaAs multiplexed entangled photon source</i></p>
	<p>10:40-11:10 Break</p>	<p>10:00 Isadora Veeren (INRIA Saclay, FR) <i>Quantum advantage in distributed computing task</i></p>
	<p>11:10 Sophie Li (Harvard, US) Invited <i>Logical quantum computing with neutral atom arrays</i></p>	<p>10:20 George Crisan (C2N, FR) <i>Reconfigurability of generation, manipulation and detection of frequency-encoded qu-d-its: towards frequency domain entanglement-based quantum networks</i></p>
<p>11:40 Hugo Thomas (Quandela/LIP6/DIENS, FR) <i>On the role of coherence for quantum computational advantage</i></p>	<p>10:40-11:10 Break</p>	<p>11:10 Gerardo Adesso (U. Nottingham, UK) Tutorial <i>Quantum resources and how to use them</i></p>
<p>12:00 Eric Huang (U. Maryland, US / Perimeter, CA) <i>Tailoring three-dimensional topological codes for biased noise</i></p>	<p>12:00-13:50 Lunch</p>	<p>11:10 Petr Steindl (C2N, FR) <i>Direct probing of the quantum-dot-emitted single-photon Wigner function</i></p>
<p>12:20-13:50 Lunch</p>	<p>12:30-13:50 Lunch</p>	<p>12:30-13:50 Lunch</p>

<p>13:30 Welcome session</p>	<p>13:50 David Awschalom (U. Chicago, US) Tutorial <i>Creating and controlling quantum states with spins in semiconductor</i></p>	<p>13:50 Christopher Wilson (IQC, CA) <i>Analog Quantum Simulation of Topological Lattice Models with a Parametric Cavity</i></p>	<p>13:50 Lucas Tendick (INRIA Saclay, FR) <i>Nature cannot be described by any causal theory with a finite number of measurements</i></p>
<p>14:50 Hugo Defienne (INSP, FR) <i>Adaptive optical imaging with entangled photons</i></p>	<p>14:10 Dario Ferraro (U. Genova, IT) <i>Cyclic solid-state quantum battery: Thermodynamic characterization and quantum hardware simulation</i></p>	<p>14:10 Twesh Upadhyaya (U. Maryland, US) <i>Non-Abelian transport distinguishes three usually equivalent notions of entropy production</i></p>	<p>14:10 Victor Barizien (IPhT, FR) <i>Quantum statistics in the minimal Bell scenario</i></p>
<p>15:10 Eloi Descamps (MPQ, FR) <i>Exploring spectral multipartite entanglement</i></p>	<p>14:30 Andres Duran Hernandez (LKB, FR) <i>Interacting laser-trapped circular Rydberg atoms</i></p>	<p>14:30 Victor Barizien (IPhT, FR) <i>Quantum statistics in the minimal Bell scenario</i></p>	<p>14:30 Victor Barizien (IPhT, FR) <i>Quantum statistics in the minimal Bell scenario</i></p>
<p>15:30-16:00 Break</p>	<p>14:50 Romain Martin (LCF, FR) <i>Luttinger-liquid behavior in a Rydberg-encoded spin chain</i></p>	<p>14:50 Antoine Debray (LKB, FR) <i>Resourceful gates for photonic quantum computation</i></p>	<p>14:50 Antoine Debray (LKB, FR) <i>Resourceful gates for photonic quantum computation</i></p>
<p>16:00 Ilaria Gianani (U. Roma III, IT) Invited <i>Characterization of biphoton states: ultrafast metrology and machine learning</i></p>	<p>15:10 Kévin Falque (LKB, FR) <i>Polariton fluids as quantum field theory simulators on tailored curved spacetimes</i></p>	<p>15:10-15:40 Break</p>	<p>15:10-15:40 Break</p>
<p>16:30 Diego Lancheros (SYRTE, FR) <i>Doppler phases in counter-propagating geometry of atom Interferometers</i></p>	<p>15:30-16:00 Break</p>	<p>15:40 Anton Potočnik (IMAC, BE) Invited <i>Superconducting qubit control with ultra-low-power CryoCMOS multiplexer at millikelvin temperatures</i></p>	<p>15:40 Anton Potočnik (IMAC, BE) Invited <i>Superconducting qubit control with ultra-low-power CryoCMOS multiplexer at millikelvin temperatures</i></p>
<p>16:50 Jacques Ding (APC, FR) <i>General quantum input-output theory through the conjugate symplectic group</i></p>	<p>16:00 Ofer Firstenberg (WIS, IL) Invited <i>Strong photon-photon interactions: from conditional phase flip to quantum vortices</i></p>	<p>16:10 Félix Cache (L2C, FR) <i>Coherent spin control of G centers in silicon</i></p>	<p>16:10 Félix Cache (L2C, FR) <i>Coherent spin control of G centers in silicon</i></p>
<p>17:10 Julien Basset (LPS, FR) <i>Towards photoelectric detection of single microwave photons</i></p>	<p>16:30 Clara Piekarski (LKB, FR) <i>Two-component fluids of light in a Rubidium vapor</i></p>	<p>16:30 Sacha Welinski (Thales RT, FR) <i>Toward wideband optical waveform generation for optically addressable quantum systems</i></p>	<p>16:30 Sacha Welinski (Thales RT, FR) <i>Toward wideband optical waveform generation for optically addressable quantum systems</i></p>
<p>17:30-19:30 Posters FQA/QPAC/QMET</p>	<p>16:50 Tristan Lorriaux (LP ENS Lyon, FR) <i>Addressing a spin-ensemble for storing microwave quantum states</i></p>	<p>16:50 Marion Bassi (PHELIQS, FR) <i>Tunable sweetlines for hole spin qubits</i></p>	<p>16:50 Marion Bassi (PHELIQS, FR) <i>Tunable sweetlines for hole spin qubits</i></p>
<p>17:30-19:30 Posters QCOM/QSIM/TEM</p>	<p>17:10 Aziza Almanakly (MIT, US) <i>Deterministic remote entanglement using a chiral quantum interconnect</i></p>	<p>17:10 Closing remarks</p>	<p>17:10 Closing remarks</p>
<p>19:30-21:00 Banquet</p>	<p>17:30-19:30 Posters QCOM/QSIM/TEM</p>	<p>17:30-19:30 Posters QCOM/QSIM/TEM</p>	<p>17:30-19:30 Posters QCOM/QSIM/TEM</p>