

Conference Programme



MONDAY 15/9

Morning session 9.00 – 12.20

Afternoon session 14.30 – 17.40

Registration desk will be open
the all day since 8.30

9.00	9.15	Welcome addresses	
9.15	9.50	Optical Hybrid Quantum Information	Julien Laurat
9.50	10.10	Suppression of quantum locking and momentum rejuvenation as super-boosts for quantum transport	Filippo Caruso
10.10	10.30	State and energy transfer through noisy quantum cellular automata	Michele Avalle
10.30	11.00	<i>Coffee break</i>	
11.00	11.20	Non-interferometric Test of Collapse Models in Optomechanical Systems	Mauro Paternostro
11.20	11.40	Opto-mechanics toward quantum physics	Francesco Marin
11.40	12.00	Steady-state entanglement activation in optomechanical cavities	Alessandro Farace
12.00	12.20	From quantum data locking to the quantum enigma machine	Cosmo Lupo
12.20	14.30	<i>Lunch break (on site)</i>	
14.30	14.50	Generating continuous variables qubits using arbitrary quantum superpositions of single- photon operations	Alessandro Zavatta
14.50	15.10	Geometric quantum discords	Dominique Spehner
15.10	15.30	Stochastic unravelling of the thermal master equation	Marco Genoni
15.30	15.50	Scalable Quantum State Tomography	Marcus Cramer
15.50	16.10	<i>Coffee break</i>	
16.10	16.30	Decoherence, non-Markovianity and quantum estimation in qubit systems subject to colored noise	Claudia Benedetti
16.30	16.50	Non-Markovian quantum dynamics: when the past comes back	Sabrina Maniscalco
16.50	17.10	Structured light: concepts and applications	Ebrahim Karimi
17.10	17.40	Twisted photons for simulating quantum walks and probing their effective band structure	Filippo Cardano