

Conference Programme



Tuesday 16/9

Morning session 9.00 – 12.25

Afternoon session 14.30 – 18.30

Registration desk will be open
8.30 – 11.05

9.00	9.35	Quantum information processing and metrology using diamond spins	Joerg Wrachtrup
9.35	9.55	Useful Entanglement in Quantum Metrology	Luca Pezze'
9.55	10.15	Gaussian Quantum Discord: Theory and Experiments	Daniela Buono
10.15	10.35	Understanding freezing of quantum correlations from first principles	Marco Cianciaruso
10.35	11.05	<i>Coffee break</i>	
11.05	11.25	Geometric measures of quantum correlations: characterization, quantification, and comparison by metrics and operations	Wojciech Roga
11.25	11.45	Quantum State Routing and many-qubit Quantum State Transfer via a single channel	Tony John George Apollaro
11.45	12.05	Lambda Scheme for Population Transfer in Superconducting Qubits	Pino Falci
12.05	12.25	Electrical control of a long-lived spin qubit in a Si/SiGe quantum dot	Pasquale Scarlino
12.25	14.30	<i>Lunch break</i>	
14.30	14.50	Detecting multiparticle entanglement of Dicke states	Geza Toth
14.50	15.10	Quantum Frustration in complex systems	Salvatore Marco Giampaolo
15.10	15.30	Entanglement and complementarity	Lorenzo Maccone
15.30	15.50	Quantum environment for a longer coherence time	Paola Verrucchi
15.50	16.10	Radiative properties of matter in collapse models	Sandro Donadi
16.10	16.40	<i>Coffee break</i>	
16.40	18.30	POSTER SESSION*	

* A list of the posters is available on a separate sheet