

# Conference Programme



## Wednesday 17/9

Morning session 9.00 – 12.25

**SPECIAL SESSION** 14.15 – 18.15

Registration desk will be open  
8.30 – 9.30

9.00	9.35	<b>On entropic uncertainty relations</b>	<b>Karol Zyczkowski</b>
9.35	9.55	Certain aspects of multipartite entanglement	Barbara Kraus
9.55	10.15	Origin of spontaneous symmetry breaking: classicality, monogamy, and convertibility	Leonardo Ferro
10.15	10.35	Preserving Information from the Beginning to the End of Time in a Robertson-Walker Universe	Roberto Pierini
10.35	11.05	<i>Coffee break</i>	
11.05	11.25	The cold atom lattice gauge toolbox: emergent nuclear physics in Bose mixtures	Marcello Dalmonte
11.25	11.45	Gauge theories and Tensor Networks	Luca Tagliacozzo
11.45	12.05	Real-time phase monitoring for quasi-optimal coherent-state receiver	Matteo Bina
12.05	12.25	Absolute calibration of an EMCCD camera from the analog to single photon regime	Alessio Avella
12.25	14.15	<i>Lunch break</i>	
<i>Special session on the occasion of Silvio De Siena's 65th birthday</i>			
14.15	14.35	Introduction to the special session	Fabrizio Illuminati
14.35	15.10	<b>Heisenberg uncertainty principle in the stochastic interpretation of de Falco-De Martino-De Siena</b>	<b>Francesco Guerra</b>
15.10	15.30	Certified entanglement between distant microwave fields with opto-electro-mechanical systems	David Vitali
15.30	15.50	Non-equilibrium dynamics and thermalisation of string order in quantum spin-1 chains	Rosario Fazio
15.50	16.20	<i>Coffee break</i>	
16.20	16.55	<b>Statistical mechanics of maximally entangled states</b>	<b>Giorgio Parisi</b>
16.55	17.15	3-dimensional integrated photonic quantum simulation	Paolo Mataloni
17.15	17.35	General diffusive conditional dynamics	Alessio Serafini
17.35	17.55	Single- and two-mode quantumness at a beam splitter	Matteo Paris
17.55	18.15	Quantum typicality	Saverio Pascazio

**Conference dinner:** at 20.00 a bus service leaving from the center of Salerno will take all the participants to the Restaurant “La Fattoria” located in the village of Dragonea. Dinner will start around 20.30. The buses will take participants back to the city center at the end of the dinner.