Time	Monday	Tuesday	Wednesday	Thursday	Friday
8:30 **9:00**	**Registration** **Inauguration**				
9:15-10:00	**Ferdinand Schmidt-Kaler** Cold ion crystals for quantum computing and quantum simulation	**Martin B. Plenio** t.b.a	**Rienk van Grondelle** Quantum effects in photosynthesis	**Maciej Lewenstein** Complex quantum systems: what can we do with ultracold atoms?	**Antonio Acín** Local orthogonality: an intrinsically multipartite principle for correlations
10:00-10:45	**Geza Toth** Permutationally invariant quantum tomography and state reconstruction	**Elisabet Romero** Photosynthesis exploits quantum coherence for efficient solar energy conversion	**Miguel Rubí** Carbon nanotubes-based motor driven by a thermal gradient	**Juan José Garcia Ripoll** Quantum simulation and detection of topological order	**Johannes Rossnagel** Single ion heat engine with maximum efficiency at maximum power
10:45-11:30	coffee	coffee	coffee	coffee	coffee
11:30-12:15	**Susana Huelga** Quantum metrology in open quantum systems	**Niek F. van Hulst** Persistent quantum coherence and time-varying energy transfer pathways in single light-harvesting complexes	**Carlos Tejedor** Surface plasmon polaritons: an alternative to cavity QED	**Tommaso Calarco** Quantum technologies taken to the limit	**Enrique Solano** New perspectives in quantum simulations
12:15-13:00	**Tommaso Caneva** On the reversal of quantum many body dynamics and its complexity	**Grabriele De Chiara** Multipartite entanglement in critical systems	**Davide Rossini** Topological pumping in the one dimensional Bose Hubbard model	**Jürgen T Stockburger** Dynamical control of purity and entanglement through dissipation	**Ian Walmsley** Multiphoton random walks: experimental boson sampling on a photonic chip
	lunch	lunch	lunch	lunch	
15:00-15:45	**Sebastian Hofferberth** Rydberg driven dynamics in ultracold atomic gases	**Anne Nielsen** How to transform an infinite dimensional matrix product state into a recipe for simulating a fractional quantum Hall like lattice model	**Rosario Fazio** Photon solid phases in driven arrays of coupled cavities	**Adán Cabello** Quantum contextuality as a physical axiom	
15:45-16:30	**Alejandro González-Tudela** Unravelling complex quantum systems dynamics with frequency and time resolved photon correlations	**Alex Chin** Electronic coherence, recoherence and efficient energy transfer in pigment protein complexes	**Filippo Caruso** Quantum diffusion with disorder, noise and interaction	**Thomas Schulte Herbruggen** The power of combining coherent control with noise control	
16:30-17:00	coffee	coffee	coffee	coffee	
17:00-17:45	**Marcello Dalmonte** The cold atom lattice gauge toolbox: juggling between high-energy and AMO physics	**Fabrizio Illuminati** The quantum informatic approach to collective quantum phenomena: ground-state entanglement patterns, frustration, and factorization	**Miguel Ortuño** Loops models and quantum systems	**Giulia Gualdi** Efficient characterization of quasi-unitary quantum operations	
17:45-18:30	**Grigory Tkachov** Transport in the topological insulator HgTe with superconducting contacts: In search for majorama fermions	**John Calsamiglia** Bi-partite and mutipartite entanglement distribution in quantum complex networks	**Leonardo Mazza** Robustness of quantum memories based on majorana zero modes		
18:30-20:00	Welcome dinner	Poster session		Boat trip	
20:30			Conference dinner		