

	Monday		Tuesday		Wednesday		Thursday		Friday
8:45 - 9:00	Opening								
9:00 - 9:40	Markus Oberthaler <i>Quantum and classical fluctuations in ultracold quantum gases</i>	Chair: K. Busch	Ruth Gregory <i>Simulating a Quantum Black Hole?</i>		Udo Seifert Stochastic thermodynamics: From concepts to model-free inference	Chair: C. Henkel	Lukas Novotny <i>Classical and quantum fluctuations probed with a levitated nanoparticle</i>	Discussion / Free time / Excursion	
9:40-10:05	David Clement <i>Emergence of non-Gaussian atom correlations in strongly interacting ultracold Bose gases</i>		Ian Moss Dark Matter Droplets		Benjamin Lindner <i>Linear and nonlinear fluctuation-response relations in non-equilibrium systems - spiking neurons, stochastic oscillators, and particles in</i>		Kimball Milton <i>Quantum Vacuum Self-Propulsion and Self-Torque of Inhomogeneous Bodies out of Thermal Equilibrium</i>		
10:05 - 10:30	Kevin Geier <i>Superfluidity and sound propagation in disordered Bose gases</i>		Nick Proukakis <i>Fluctuations in Superfluids: Analogies between Ultracold Atoms and Cosmological Fuzzy Dark Matter, and Related Modelling Challenges</i>		Tuan Pham <i>Irreversibility in Non-reciprocal Chaotic System</i>		Daniel Bloch <i>Near-Field Thermal and Vacuum Fluctuations at an Interface: Experimental Attempts for a Precise Determination of Surface Resonances</i>		
10:30 - 11:10	coffee break		coffee break		coffee break		coffee break		
11:10 - 11:50	Gabriele Ferrari <i>False vacuum decay via bubble nucleation in ferromagnetic superfluids</i>	Chair: D. Clement	Silke Weinfurtnr TBA		Massimiliano Esposito <i>Macroscopic stochastic thermodynamics</i>	Chair: B. Lindner	Ricardo Decca <i>New scheme for measurement of short range forces</i>		
11:50 - 12:15	Fabio Lingua <i>Continuous-variable square-ladder cluster states in a microwave frequency comb</i>		Friedric Koenig Quasinormal modes of optical solitons		Krzysztof Ptaszynski <i>Dynamical signatures of discontinuous phase transitions: exponential versus power-law scaling</i>		Carles Marti Farras <i>Numerical Evaluation of Casimir-Lifshitz Forces in the Time Domain</i>		
12:15 - 14:00	Lunch		Lunch		Lunch		Conference Photo (12:15 - 12:20) Lunch (12:20 - 14:00)	Lunch	
14:00 -14:40	Free Time (Walk to the village)	Chair: G. Ferrari	Bei-Lok Hu Fluctuations of Quantum Fields and Thermodynamics of Spacetime		Eric Lutz <i>Fluctuations and stability of quantum heat engin</i>	Chair: M. Esposito	Omar Jesús Franca Santiago (14:00 - 14:25) <i>Purcell effect in chiral environments</i>	Departure	
14:40 - 15:05	Rodrigo Camara <i>Topological Properties of Spin Dynamics and Symmetry-Breaking in Chiral Atomic Systems</i>		Scott Robertson <i>Particle and entanglement production in an analogue preheating experiment</i>		Philipp Strasberg Emergent decoherent histories in isolated quantum many-body systems		William McGregor (14:25 - 14:50) <i>Cavity Decay Rate with Non-Reciprocal Media</i>		
15:05 - 15:30	Oksana Chelpanova <i>Semi-classical dynamics of quantum spin chains in the presence of a non-Markovian environment</i>		Sascha Lang <i>Spontaneous photon production in a tuneable dielectric</i>		Henkel Carsten Hybrid dynamics of quantum systems coupled to a small heat bath		Šimon Gabaj (14:50 - 15:15) <i>Modifying quantum friction with advanced material properties</i>		
15:30 - 16:10	coffee break		coffee break		coffee break		coffee break (15:15 - 16:00)		
16:10 - 16:50	Pierre-François Cohadon <i>From Gravitational-Wave Detection to Quantum Optomechanics</i>	Chair: S.G. Butera	Miles Blencowe <i>Mapping gravitational decoherence and entanglement to multimode optomechanics</i>		Jaehyeok Jin (16:10 -16:35) <i>Auxiliary Field Classical Monte Carlo: Integrating Quantum and Classical Sampling into Bottom-Up Field-Theoretical Modeling</i>	Chair: S.G. Butera	Steven Kim (16:00 - 16:25) <i>Superbunched Radiation of a Tunnel Junction due to Charge Quantization</i>		
16:50 - 17:15	Lilia Woods <i>Quantum Friction and Landau-Zener tunneling in dissipative systems</i>		Poster flashes		Poster flashes		Viktor Pergamenshchik (16:25 - 16:50) <i>General hydrodynamic approach for a cold Bose gas</i>		
17:15 - 17:30	Stefan Jorda <i>About the Wilhelm and Else Heraeus</i>								
17:30 - 18:00			Poster session		Poster session				
18:00 - 18:30									
18:30	Dinner and get together		Dinner and get together		Heraeus dinner		Dinner and get together		
	Atomic and metrology		Gravity and analogue models		Statistical physics		Light-Matter		