

TIME	Monday 4th	Tuesday 5th	Wednesday 6th	Thursday 7th	Friday 8th
8:30-8:55				Chair: Raam Uzdin Alberto Imparato Quantum fluctuation theorem from modified superoperators	
8:55-9:20		Chair: Stella Seah Brecht Donvil Interference of Quantum Trajectories		Maxime Debiossac Generalized 2nd law under non-Markovian feedback control using a levitated particle	Chair: Cyril Elouard Naoto Shiraishi Quantum thermodynamics of correlated-catalytic state conversion at small-scale
9:20-9:45		Archak Purkayastha Periodically refreshed baths to simulate open quantum many-body dynamics		Gonzalo Manzano Thermodynamics of gambling demons: theory and experiment	Manabendra Nath Bera Quantum Heat Engines with Carnot Efficiency at Maximum Power
9:45-10:10		Andreu Riera-Campeny Quantum Systems in Contact With a Finite Bath	Poster Session II	Santiago Hernández-Gómez Experimental test of fluctuation relations for driven open quantum systems with an NV center	David Gelbwaser Casimir heat engine
10:10-10:25		Break		Break	Break
10:25-10:50		Chair: Alex Chin Marek Winczewski Bypassing the Intermediate Times Dilemma for Open Quantum System		Chair: Mathias Jørgensen David Barker Experimental verification of the work fluctuation-dissipation relation in a Szilard engine	Chair: Philippe Faist Harry Miller Geometry of work fluctuations versus efficiency in microscopic thermal machines
10:50-11:15		Shishir Khandelwal Signatures of exceptional points in a quantum thermal machine		Karen Hovhannisyan Energy conservation and Jarzynski equality are incompatible for quantum work	Giacomo Guarnieri Thermodynamic uncertainty relation in slowly driven quantum heat engines
11:15-11:40		Eoin O'Connor Action quantum speed limits		Marcela Herrera Experimental verification of the detailed quantum fluctuation relation for an interacting system	Joao Sabino Quantum field thermal machines
11:40-12:20		Break		Break	Break
12:20-12:45		Break		Break	Break
12:45-13:00	Welcome	Discussion	Discussion	Break	
13:00-13:45	Chair: Mohammad Mehboudi John Goold The quantum joule paddle bucket	Poster Session I	Poster Session III	Chair: Janine Splettstoesser Rosario Fazio Geometric properties of adiabatic quantum thermal machines	Chair: Jesus Rubio Ulrich Poschinger TBA
13:45-14:30	Philipp Strasberg Self-oscillating nanoscale devices: A new paradigm for quantum heat engines?			Janet Anders Steady states and mean force Gibbs states	Elisa Bäumer Minimizing back-action through entangled measurements
14:30-14:50	Break			Break	Break
14:50-15:35	Chair: Sai Vinjanampathy Lea F. Santos Equilibration time in many-body quantum systems			Chair: Patrick Potts Takashi Mori Heating rates under fast and strong periodic driving in classical and quantum many-body systems	Chair: Géraldine Haack Luis A. Correa Global thermometry in action: Enhanced release-recapture thermometry in ultracold gases
15:35-16:20	Heiner Linke From Quantum Dot Heat Engines to Hot-Carrier Photovoltaics		Cecilia Cormick Ion chains as quantum simulators	Anne Anthore Reduced quantum heat flow and teleportation of electrons: two consequences of Coulomb interactions in micrometer size metallic islands	
16:20-17:00	Break	Break	Break	Quo vadis Q Thermo? & Goodbye!	
17:00-17:25	Chair: Alvaro Alhambra Nicole Yunger Halpern Noncommuting conserved charges in quantum many-body thermalization	Chair: Felix Binder Nayeli A. Rodriguez Briones Experimental activation of zero-point energy with quantum energy teleportation	Chair: Paolo Abiuso Matteo Lostaglio Certifying quantum signatures in thermodynamics via contextuality of quantum linear response		
17:25-17:50	Eric Lutz Experimental verification of a reversed Clausius inequality in a closed system	Lorenzo Buffoni Thermodynamics of a Quantum Annealer	Philip Taranto Landauer vs. Nemst: What is the True Cost of Cooling a Quantum System?		
17:50-18:15	Thibaud Maimbourg Bath-induced Zeno localization in driven many-body quantum systems	Arshag Danageozian Efficiency-Fidelity Trade-off in a Quantum Error Correcting Engine	Patryk Lipka-Bartosik All states are universal catalysts in quantum thermodynamics		
18:15-18:30	Break	Break	Break		
18:30-18:55	Chair: Mark Mitchison Jonatan Bohr Brask Optimal Quantum Thermometry with Coarse-Grained Measurements	Chair: Paolo Erdman Ilse Maillette de Buy Wenniger Experimental work extraction from quantum coherence	Chair: Ralph Silva Felipe Barra Thermodynamic processes via scattering: The role of the wave packet		
18:55-19:20	Julia Boeyens Bayesian Quantum Thermometry	Emanuel Schwarzthans Autonomous Temporal Probability Concentration: Clockworks and the Second Law of Thermodynamics	Raffaele Salvia On the distribution of the mean energy in the unitary orbit of quantum states		
19:20-19:45	Pavel Sekatski Optimal nonequilibrium thermometry in finite time	Juliette Monsel Optomechanical cooling with coherent and squeezed light: the thermodynamic cost of opening the heat valve	Nathan Myers Quantum Otto Engines at Relativistic Energies		
19:45-20:10		Luis Pedro Garcia-Pintos Unifying quantum and classical speed limits on observables	Bibek Bhandari Minimal two-body quantum absorption refrigerator		