



MC14		Ultrafast electronics meets quantum thermodynamics		
Monday, 2 September, morn		Seccion: Time dynamics		
Chair(s):				
Room:				
Hours	ID	Name	Type	Title
10h30-11h00	13263	Gloria Platero	Invited	Spin flying qubits in quantum dot arrays
11h00-11h30		Jon Fletcher	Invited	
11h30-12h00	12997	Sungguen Ryu	Invited	Timing-Noise-Induced Decoherence in Single Electron Sources
12h00-12h30	12930	Pedro Portugal	Invited	Heat pulses in electron quantum optics
12h30-13h00	12612	Slava Kashcheyevs	Invited	
MC14		Ultrafast electronics meets quantum thermodynamics		
Monday, 2 September, afternoon.		Session: Dissipation		
Chair(s):				
Room:				
Hours	ID	Name	Type	Title
16h00-16h30		Jukka Pekola	Invited	
16h30-17h00		Krzysztof Ptasiński	Invited	Fermionic one-body entanglement as a quantum thermodynamic resource
17h00-17h15	12887	Konstantin Nestmann	Oral Contrib	Self-consistent noise computation in quantum dot systems
17h15-17h30	12613	Sigmund Kohler	Oral Contrib	Quantum dissipation at conical intersections of quasienergies
17h30-18h00	13578	Eran Sela	Invited	Thermodynamic constraints on bosonic and fermionic noise
18h00-18h30		Juliette Monsel	Invited	Energy transport and refrigeration with driven quantum dots
MC14		Ultrafast electronics meets quantum thermodynamics		
Tuesday, 3 September, morn		Seccion: Time dynamics		
Chair(s):				
Room:				
Hours	ID	Name	Type	Title
10h30-11h00	12562	Rolf Haug	Invited	AC-Driving of Single-Electron Tunneling in Quantum Dots
11h00-11h30	13074	Benjamin Roussel	Invited	Electron Quantum Optics, Signal Processing ad Superconductivity



11h30-12h00		Preden Roulleau	Invited	
12h00-12h30	13010	Pablo Burset	Invited	Electron Quantum Optics with Superconducting Devices
12h30-12h45	13033	Alexandro Baggio	Oral Contrib	Thermoelectricity in hybrid superconducting quantum machines
12h45-13h00	13082	Jian Li	Oral Contrib	(3+1)D Nonsymmorphic Space-Time Crystals
MC14 Ultrafast electronics meets quantum thermodynamics				
Tuesday, 3 September, afternoon. Session: TUR and battery				
Chair(s):				
Room:				
Hours	ID	Name	Type	Title
16h00-16h30	12683	Kay Brandner	Invited	Thermodynamic Uncertainty Relations for Coherent Transport
16h30-17h00		Borhan Ahmadi	Invited	Nonreciprocal Quantum Batteries
17h00-17h30		Peter Samuelsson	Invited	
17h30-17h45		David C Ohnmacht	Oral contrib	Thermodynamic Uncertainty Relations in Superconductors
17h45-18h00	12617	Giulia Gemme	Oral contrib	Thermodynamics of a rechargeable Josephson quantum battery
18h00-18h30		Mohamed Ouacel	Invited	Quantum interference beyond the adiabatic limit
MC14 Ultrafast electronics meets quantum thermodynamics				
Wednesday, 4 September, morning. Session: Thermal machines				
Chair(s):				
Room:				
Hours	ID	Name	Type	Title
10h30-11h00		Rafael Sánchez	Invited	Scattering theory of thermal and thermoelectric diodes
11h00-11h30		Michał Horodecki	Invited	Catalytic advantage in Otto-like two-stroke quantum engines
11h30-12h00		Guliano Benenti	Invited	Dissipation-induced collective advantage of a quantum thermal machine
12h00-12h30		Francesco Giazotto	Invited	
12h30-13h00		Didrik Palmqvist	Invited	Thermodynamic constraints on bosonic and fermionic noise



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Tuesday, 3 September, afternoon. Poster Session			
	ID	Name	Title
	13577	Didrik Palmqvist	Thermodynamic constraints on bosonic and fermionic noise
	13048	José Balduque Picazo	Non-equilibrium noise in driven mesoscopic devices