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College on Energy Transport and Energy Conversion in the Quantum Regime | (smr 3318)

Wednesday 28 August 2019

- Budinich Lecture Hall (09:00-18:00)

time	title	presenter
09:00	Non-equilibrium impurities: Fluctuation Induced Quantum Zeno Effect in Ultracold Atomic Wires	SEBASTIAN DIEHL
09:45	Quantum measurement as a thermodynamic resource	MICHELE CAMPISI
10:30	Coffee break	
11:00	Quantum Signatures in the Work Distribution	MARTI PERARNAU LLOBET
11:30	Quantum Martingale Theory and Entropy Production	PAULE GONZALO MANZANO
12:00	Thermodynamic Uncertainty relations as a consequence of fluctuation theorems	GABRIEL LANDI
12:30	Lunch break	
14:00	Quantum thermodynamic devices under control	GERSHON KURIZKI
14:45	A non-equilibrium system as a demon	ROBERT WHITNEY
15:30	Spin and Energy Transport in Integrable and Non-integrable Classical Heisenberg Spin Chain	AVIJIT DAS
15:40	Coffee break	
16:30	ICTP CMSP Colloquium on Heat to Work Conversion in the Quantum Regime	PROF. LILIANA ARRACHEA