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# Advanced School on Ubiquitous Quantum Physics: the New Quantum Revolution | (smr 3273)

## Monday 18 February 2019

**Location: ex SISSA Bldg.- Main Auditorium - ex-SISSA Main Auditorium (1st week) and LB Budinich Lecture Hall (2nd week) (08:30-20:30)**

time	title	presenter
08:30	Registration, Administrative and Financial formalities	
09:00	Quantum machines and engines - part 1	R. KOSLOFF
10:00	Energy harvesting and storage - part 1	M. THORWART
11:00	Coffee Break	
11:30	Hybrid quantum devices - part 1	F. MINTERT
12:30	Lunch Break	
14:00	Quantum simulations with applications to fundamental physics (gauge theories, lattice models, low-dimensional field theories) - part 1	S. PASCAZIO
15:00	Quantum correlations at the mesoscopic and macroscopic level - part 1	G. DUFOUR
16:00	Coffee Break	
16:30	Quantum communication and networks - part 1	J. RENES
17:30	Discussion	
18:30	Reception - Leonardo Bldg. cafeteria	