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Workshop on Ubiquitous Quantum Physics: the New Quantum Revolution | (smr 3371)

Monday 25 February 2019

Location: Leonardo Bldg.- Budinich Lecture Hall - Budinich Lecture Hall (LB) (08:30-20:30)

time	title	presenter
08:30	Administrative and Financial formalities.	
09:00	Welcome remarks	R. FAZIO
09:10	Quantum-enhanced Machine Learning: a sanity check	P. WITTEK
09:55	Coffee Break	
10:15	Correlated photon emission by two excited atoms in a waveguide	S. PASCAZIO
11:00	How difficult is it to verify a quantum advantage?	J. EISERT
11:45	Noise-robust quantum sensing via optimal multi-probe spectroscopy	F. CARUSO
12:30	Lunch Break	
14:00	Quantum origin of shock waves	R. ALICKI
14:45	Nonequilibrium quantum phase transitions in a hybrid atom-optomechanical system	M. THORWART
15:30	Coffee Break	
16:00	Dynamics of open quantum systems: the resonance theory	M. MERKLI
16:45	Long live the quantum revolution!	G. KURIZKI
17:30	Wave-particle duality of states of partially distinguishable particles	G. DUFOUR
18:30	Reception - Leonardo Bldg. cafeteria	