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

Thursday 28 February 2019

- Budinich Lecture Hall (LB) (09:00-18:15)

time	title	presenter
09:00	Deciphering complex quantum systems	A. BUCHLEITNER
09:45	Quantum chaotic sensors	D. BRAUN
10:30	Coffee Break	
11:00	Detailed balance and fluctuation relations in quantum thermodynamics	A. TAYEFEH REZAKHANI
11:45	Non-Markovian dynamics in the refined weak-coupling limit	A. RIVAS
12:30	Lunch Break	
14:00	Distinguishing classically indistinguishable states and channels	K. ZYCZKOWSKI
14:45	Union bound for quantum information processing	S. MANCINI
15:30	Coffee Break	
16:00	Mathematical constructions for the exhaustive description of multipartite entanglement in pure and mixed quantum states of composed systems	V. AKULIN
16:45	Neural networks discovering quantum error correction strategies	F. MARQUARDT
17:30	Gaussian non-Markovian unravelings of open quantum system dynamics	K. LUOMA