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Conference on Quantum Measurement: Fundamentals, Twists, and Applications | (smr 3285)

Monday 29 April 2019

DAY I - Kastler Lecture Hall (AGH) (08:30-16:20)

time	title	presenter
08:30	Administrative issues: Registration of visits for participants not lodging on the campus, and financial issues	
10:00	Opening remarks	ORGANIZERS
10:10	Quantum State Smoothing for Linear Gaussian Systems (30'+10')	H. WISEMAN
10:50	Coffee break	
11:10	Twisting the Quantum: from measurement-induced chaos to measurement-powered engines (30'+10')	A. JORDAN
11:50	Multi-Qubit Robustness by Local Encoding (30'+10')	R. CHAVES
12:30	Lunch break	
14:00	Measurement of Quantum Jumps of a Granular Aluminum Fluxonium Qubit (30'+10')	I. POP
14:40	Coupling of complex spin states in quantum dots to photons in microwave resonators (30'+10')	K. ENSSLIN
15:20	Coffee break	
15:40	Neural-network-based reinforcement learning for quantum error correction (30'+10')	F. MARQUARDT