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Workshop on Quantum Science and Quantum Technologies | (smr 3183)

Monday 11 September 2017

- Budinich Lecture Hall (LB) (09:00-18:25)

time	title	presenter
09:00	Introduction to the Workshop	
09:15	Quantum Fluctuation Relations in the Presence of Conserved Quantities	DIETER JAKSCH
09:50	New insights into SLOCC and LOCC transformations among multipartite pure states	BARBARA KRAUS
10:25	Cavity Optomagnonics	SILVIA VIOLA KUSMINSKIY
11:00	Break	
11:30	Spectral signatures of many-body localization of interacting photons	DIMITRIS G. ANGELAKIS
12:05	Spin Qubits in Semiconducting Nanostructures	DANIEL LOSS
12:40	Exploring quantum magnetism at the single spin and atom level	CHRISTIAN GROSS
13:15	Lunch break	
15:00	Topological phases of mixed states and their detection	MICHAEL FLEISCHHAUER
15:35	Entanglement and topological order: A quantum information perspective	NORBERT SCHUCH
16:10	Break	
16:40	Neural-network quantum states	GIUSEPPE CARLEO
17:15	Optimal witnessing of the quantum Fisher information with few measurements	GEZA TOTH
17:50	Two-photon interference	ILJA GERHARDT