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Joint ICTP-WE Heraeus School and Conference on Frontiers at the Intersection of Quantum Simulation and Machine Learning | (smr 3928)

Tuesday 16 April 2024

notitle - Budinich Lecture Hall (LB) (09:15-18:30)

time	title	presenter
09:15	Simplifying the simulation of local Hamiltonian dynamics	ANNA SANPERA
10:00	Coffee Break	
11:00	Frontiers of quantum simulations with optical lattices	JULIAN LEONARD
11:45	Amorphous quantum magnets in a two-dimensional Rydberg atom array	ALEXANDRE DAUPHIN
12:30	Lunch	
14:00	Reinforcement Learning to Disentangle Quantum States from Partial Observations	MARIN BUKOV
14:45	Understanding Quantum Spin Liquids on the Triangular Lattice with Symmetry Breaking and Machine Learning	CHRISTOPHER ROTH
15:15	Domain wall dynamics of a two dimensional quantum Ising model using tree tensor networks	WLADISLAW KRINITSIN
15:45	Coffee Break	
16:30	Poster session	