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

Thursday 18 April 2024

notitle - Budinich Lecture Hall (LB) (09:30-16:30)

time	title	presenter
09:30	Provable quantum learning advantages for physics data	VEDRAN DUNJKO
10:15	Coffee Break	
11:15	Many-body entropies and entanglement from polynomially-many local measurements	BENOIT VERMERSCH
12:00	Work statistics and Entanglement across the fermionic superfluid-insulator transition	VIVIAN FRANCA
12:45	Lunch	
14:00	Transformer wave functions for quantum spin models	FEDERICO BECCA
14:45	Ab-initio variational wave functions for the time-(in)dependent many-electron Schrödinger equation	JANNES NYS
15:15	Coffee Break	
15:45	Empowering deep neural quantum states through efficient optimization	AO CHEN