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

Monday 15 April 2024

notitle - Budinich Lecture Hall (LB) (09:00-16:45)

time	title	presenter
09:00	Opening remarks	
09:10	Quantum many-body simulations using artificial neural networks	YUSUKE NOMURA
09:55	Coffee Break	
10:55	Investigating the optimization landscape of neural-network quantum states	AGNES VALENTI
11:40	Fine Tuning Neural Network Quantum States	LUCIANO VITERITTI
12:10	Is the ground state of Anderson's impurity model a recurrent neural network?	JONAS RIGO
12:45	Lunch	
14:00	Reconstructing complexity and effective Hamiltonians	ZALA LENARCIC
14:45	Data-driven extraction of relevant information in quantum many-body systems	ROBERTO VERDEL
15:30	Coffee Break	
16:00	Discussion	