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Workshop on Quantum Monte Carlo Methods at Work for Describing Novel States of Matter | (smr 3853)

Monday 10 July 2023

- Budinich Lecture Hall (LB) (09:45-17:40)

time	title	presenter
09:45	Opening remarks and Sandro's legacy	
10:15	A Strongly Correlated Life With Sandro Sorella	ERIO TOSATTI
11:00	Coffee break	
11:30	TurboRVB: past, present and future	KOSUKE NAKANO
12:15	Polaron with Quadratic Electron-phonon Interaction	STEFANO RAGNI
12:40	Lunch break	
14:30	Effects of valley degeneracy on the excitonic condensation in an electron-hole symmetric bilayer: a QMC study	GAETANO SENATORE
15:15	The archetypical Z_2 invariant: electrical polarization in one dimension	RAFFAELE RESTA
16:00	Coffee break	
16:30	Magnetic, Superconducting, and Metal-Insulating Phase Transitions in the Hubbard Model	TIANXING MA
17:15	Transformer variational wave functions for frustrated quantum spin systems	LUCIANO LORIS VITERITTI