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Conference on Quantum Annealing/Adiabatic Quantum Computation | (smr 3474)

Monday 05 October 2020

Session 1 (EU-Asia) - Online (08:50-10:45)

Co-host, Moderator: Antonello SCARDICCHIO (ICTP, Italy)

time	title	presenter
08:50	Welcome session	
09:00	Quantum simulation by quantum annealing	HIDETOSHI NISHIMORI
09:45	Error suppression in adiabatic quantum computing with qubit ensembles	NAEIMEH MOHSENI
09:50	Adiabatic Rydberg parity gate for quantum optimization	GLEN BIGAN MBENG
09:55	Efficient local counter-diabatic driving in adiabatic quantum computing	ANDREAS HARTMANN
10:00	Platform for the experimental characterisation of diabatic quantum annealing	LOUIS FRY-BOURIAUX
10:05	Q&A session	
10:15	Stochastic Cellular Automata Annealing (SCA) and its Non-Quantum Silicon Chip Implementation: Realizing Fully-Parallel Spin-Updates for Fully-Connected Spin Systems	MASATO MOTOMURA