

Quantum computing for HEP and GW - Nikhef QuSoft SURF workshop

Monday, 12 September 2022

Session I: Diving in: new approaches to QC in HEP and first results - Transform (10:15 - 12:30)

time	[id] title	presenter
10:15	[1] Quantum Machine Learning for b-jet charge identification based on a Variational Quantum Classifier	NICOTRA, Davide
10:45	[2] Quantifying Grover speed-ups beyond asymptotic analysis	FOLKERTSMA, Marten
11:15	[3] Solving correlation clustering with QAOA and a Rydberg qudit system: a full-stack approach	WEGGEMANS, Jordi
11:45	[4] Quantum Machine Learning using Hopfield Networks	DIBENEDETTO, Domenica
12:15	[5] From classic ML in HEP to Quantum ML	CROFT, Vincent