

2023 CAP Congress / Congrès de l'ACP 2023

Tuesday 20 June 2023

(DPE/CAP) T3-8 Q-STATE: Quantum Science, Technology, Applications, Training, and Education | Science, technologie, applications, formation et éducation quantiques (DEP/ACP) - UNB Tilley Hall (13:15 - 14:50)

-Conveners: Olivia Dimatteo

time	[id] title	presenter
13:15	Opening remarks	
13:20	[4047] What do recent collapses of quantum algorithms mean for quantum computing?	BAKER, Thomas
13:30	[4048] The future of optical quantum information: Farther, Better, Slower, Stronger	HAMEL, Deny
13:40	[4049] The role of artificial neural networks in quantum many-body physics	CZISCHEK, Stef
13:50	[4050] Quantum resources in the future of quantum information	Prof. SCANDOLO, Carlo Maria
14:00	[4051] Beyond qubits: a glimpse at bosonic quantum technologies	LAU, Hoi-Kwan
14:10	[4052] The quantum computing stack	Dr ROSS, Julien
14:20	[4053] Quantum State Engineering using collective spin excitations	MACRAE, Andrew
14:35	[4078] Quantum State Engineering using collective spin excitations	MACRAE, Andrew