

Session Program

5-11 Jun 2022



**Canadian Association
of Physicists**

**Association canadienne
des physiciens et physiciennes**

2022 CAP Congress / Congrès de l'ACP 2022

***W1-2 Quantum Theory (DTP) | Théorie
quantique (DPT)***

McMaster University

Wednesday 8 June

10:45

W1-2 Quantum Theory (DTP) | Théorie quantique (DPT)

Session | Location: McMaster University, MDCL 1008 | Convener: Randy Lewis

10:45–11:15 (I) Quantum Foundations Meets Causal Inference

Speaker
Robert Spekkens

11:15–11:30 (G*) Locality in quasi-Hermitian quantum theory

Speaker
Jacob Barnett

11:30–11:45 (U*) Non-perturbative Extraction of Tripartite Vacuum Entanglement

Speaker
Diana Mendez Avalos

11:45–12:00
(G*) Channel capacity of relativistic quantum communication with rapid interaction

Speaker
Kensuke Gallock Yoshimura

12:00–12:15 (G*) Variationally Scheduled Quantum Simulation

Speaker
Samantha Buck

12:15