

Session Program

8-13 Jun 2025



**Canadian Association
of Physicists**

**Association canadienne
des physiciens et physiciennes**

2025 CAP Congress / Congrès de l'ACP 2025

***(DAMOPC) T2-3 Stored Ions and Quantum
Control | Ions stockés et contrôle quantique
(DPAMPC)***

Tuesday 10 June

14:15

(DAMOPC) T2-3 Stored Ions and Quantum Control | Ions stockés et contrôle quantique (DPAMPC)

Session

14:15-14:45

A Quantum Structural Phase Transition in Trapped Ion Crystals**Speaker**

Paul C Haljan

14:45-15:15

Qutrits and geometric phase via quantum control in ultracold spin-1 systems**Speaker**

Lindsay LeBlanc

15:15-15:30

Quantum quenches in the two-component Bose-Hubbard model**Speaker**

Florian Baer

15:45

15:30-15:45

Discussion / Networking