

## **Session Program**

**21-26 Jun 2026**



**Canadian Association  
of Physicists**

**Association canadienne  
des physiciens et physiciennes**

**2026 CAP Congress / Congrès de l'ACP 2026**

***(DAMOPC) M2-3 | (DPAMPC)***

U. Ottawa - Learning Crossroads (CRX) Building  
100 Louis-Pasteur Private, Ottawa, ON K1N 9N3

# Monday 22 June

14:15

## (DAMOPC) M2-3 | (DPAMPC)

**Session** |

**Location:** U. Ottawa - Learning Crossroads (CRX) Building, 100 Louis-Pasteur Private, Ottawa, ON K1N 9N3

14:15-14:30

### Improved detection scheme for a cold-atom gravimeter

**Speaker**

Timothy Hunt

14:30-14:45

### Towards a Bose Einstein condensate of Ag

**Speaker**

Addison Okell

14:45-15:00

### Analogue Black Holes in BECs

**Speaker**

Nevan Keating

15:00-15:15

### Quantum Quenches in the two-component Bose-Hubbard model

**Speaker**

Florian Baer

15:15-15:30

### Emergent Spacetime Geometries in Bose-Einstein Condensates: From Spherical Refocusing to FLRW Analogues

**Speaker**

Jay Mehta

15:30-15:45

### Topological Control of Vortices via Dynamical Instabilities

**Speaker**

Denise Kamp

15:45