

## **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) R2-3 | (DPAMPC)***

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

# Thursday 25 June

16:15

## (DAMOPC) R2-3 | (DPAMPC)

**Session** |

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

16:15-16:30

### High Precision Theory and Experiment for the Rydberg P-States of Helium up to $n = 35$

**Speakers**

Dr Aaron Bondy, Gordon Drake

16:30-16:45

### Amplitude squeezing with pulsed second harmonic generation

**Speaker**

Peter Rose

16:45-17:00

### Large Momentum Diffusion from the Dipole Force of Travelling Waves

**Speaker**

Louis Marmet

17:00-17:15

### Pure and Mixed State Entanglement Dynamics in Tavis-Cummings Model with Squeezed Coherent Thermal States

**Speaker**

Kous Mandal

17:15-17:30

### Quantum dark bands and dynamical phase transitions

**Speaker**

Dr Duncan O'Dell

17:30