

## **Session Program**

**18-23 Jun 2023**



**Canadian Association  
of Physicists**

**Association canadienne  
des physiciens et physiciennes**

**2023 CAP Congress / Congrès de l'ACP 2023**

***(DAMOPOC) W2-2 DAMPOC I | DPAMPC I  
(DPAMPC)***

University of New Brunswick

## Tuesday 20 June

13:45

### (DAMOPC) W2-2 DAMPOC I | DPAMPC I (DPAMPC)

Session | Location: Rm. 5 (max. 70), UNB Tilley Hall | Convener: Jens Lassen

13:45–14:00

#### High precision theory for the Rydberg states of helium up to $n = 24$

**Speaker**

Gordon Drake

14:00–14:15

#### Momentum of Light in an Atom

**Speaker**

Joshua Hainge

14:15–14:30

#### (G\*) Ultrafast Coherence: A Combination of Quantum and Classical

**Speaker**

Joscelyn van der Veen

14:30–14:45

#### (G\*) Electromagnetically Induced Transparency in an Ensemble of Three-Level Lambda Systems

**Speaker**

Sara Moezzi

14:45–15:00

#### Theoretical hyperfine splittings of heliumlike Be-7,9 ions for future studies of nuclear properties

**Speaker**

Zong-Chao Yan

15:00–15:15

#### general discussion & networking

15:15