

## **Session Program**

**18-23 Jun 2023**



**Canadian Association  
of Physicists**

**Association canadienne  
des physiciens et physiciennes**

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

***(DNP) W1-4 Nuclear Structure | Structure  
nucléaire (DPN)***

University of New Brunswick

# Wednesday 21 June

10:30

## (DNP) W1-4 Nuclear Structure | Structure nucléaire (DPN)

Session | Location: Rm. 208 (max. 68), UNB Kinesiology | Convener: Prof. Garth Huber

10:30–11:00

### (I) Recent results from the recoil mass separator DRAGON and the mass spectrometer EMMA at TRIUMF

Speaker

Mx Louis Wagner

11:00–11:15

### (G\*) B(E2) Measurements in 28Mg: Structure of the Yrast Band

Speaker

Matthew Martin

11:15–11:30

### (G\*) Novel KDK measurement of elusive $^{40}\text{K}$ decay: implications for rare-event searches and geochronology

Speaker

Lilianna Hariasz

11:30–11:45

### (G\*) Investigating Nuclear Shell Evolution in Neutron-Rich Calcium Isotopes

Speaker

Robin Coleman

11:45–12:00

### (G\*) A Probe for Collectivity: Investigation of States Populated in the $^{102}\text{Ru}(p,t)^{100}\text{Ru}$ Two Neutron Transfer Reaction

Speaker

Samantha Buck

12:00