

## **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) T1-6 Precision Physics and Tests of  
Fundamental Symmetries | Physique de  
précision et tests des symétries  
fondamentales (DPN)***

University of New Brunswick

## Tuesday 20 June

08:30

### **(DNP) T1-6 Precision Physics and Tests of Fundamental Symmetries | Physique de précision et tests des symétries fondamentales (DPN)**

**Session** | **Location:** Rm. 201 (max. 98), UNB Kinesiology | **Convener:** Prof. Jeffery Martin

08:30–09:00

#### **(I) Theoretical Overview of Fundamental Symmetries in Nuclear Physics**

**Speaker**

Andrzej Czarnecki

09:00–09:30

#### **(I) The Nuclear Pear Factory: Searching for Time-Reversal Violation Using Pear-Shaped Nuclei in the FRIB Era**

**Speaker**

Prof. Jaideep Singh

09:30–10:00

#### **(I) The MOLLER Experiment: a precision electroweak probe**

**Speaker**

Dustin McNulty

10:00–10:15

#### **(G\*) The Main Detector System for the MOLLER Experiment**

**Speaker**

Brynne Blaikie

10:15