

## Session Program

18-23 Jun 2023



Canadian Association  
of Physicists

Association canadienne  
des physiciens et physiciennes

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

***(PPD) T4-3 Discovering New Paths to  
Discovery: New Technologies and Methods to  
Uncover BSM Physics Symposium |  
Symposium sur les nouvelles technologies et  
méthodes pour découvrir la physique au delà  
du modèle standard (PPD)***

University of New Brunswick

## Tuesday 20 June

15:15

### **(PPD) T4-3 Discovering New Paths to Discovery: New Technologies and Methods to Uncover BSM Physics Symposium | Symposium sur les nouvelles technologies et méthodes pour découvrir la physique au delà du modèle standard (PPD)**

**Session** | **Location:** Rm. 208 (max. 68), UNB Kinesiology | **Convener:** Oliver Stelzer-Chilton

15:15-15:30

#### **(G\*) PENeLOPE: Measuring a precise neutron lifetime with a magneto-gravitational trap for ultracold neutrons**

**Speaker**

Dennis Salazar

15:30-16:00

#### **Searching for Dark Matter with Liquid Argon: DEAP-3600, DarkSide-20k, and ARGO**

**Speaker**

Chris Jillings

16:00-16:15

#### **(G\*) Newest results from the NEWS-G dark matter experiment at the LSM**

**Speaker**

Jean-Marie Coquillat

16:15-16:45

#### **(I) PIONEER: a next generation pion decay experiment**

**Speaker**

Thomas Brunner

16:45-17:15

#### **The Chiral Belle Project: Polarized Beams at SuperKEKB/Belle II**

**Speaker**

Michael Roney

17:15