

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

Monday 19 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