

Session Program

21-26 Jun 2026



**Canadian Association
of Physicists**

**Association canadienne
des physiciens et physiciennes**

2026 CAP Congress / Congrès de l'ACP 2026

(PPD) T1-8 | (PPD)

U. Ottawa - Learning Crossroads (CRX) Building
100 Louis-Pasteur Private, Ottawa, ON K1N 9N3

Tuesday 23 June

10:15

(PPD) T1-8 | (PPD)

Session |

Location: U. Ottawa - Learning Crossroads (CRX) Building, 100 Louis-Pasteur Private, Ottawa, ON K1N 9N3

10:15-10:45 **The Hyper-K experiment**

Speaker

Guillermo Arturo Fiorentini Aguirre

10:45-11:00

Calibration of Hyper-Kamiokande photomultiplier tubes using diffuse light

Speaker

Polina Sukhova

11:00-11:15

Rare-Event Searches with Scintillating Bubble Chambers

Speaker

Carter Garrah

11:15-11:30

Molecular and Fluid Dynamics Simulations for the Scintillating Bubble Chamber Experiment

Speaker

Ezri Wyman

11:30-11:45

New Modular Analysis Framework for the Multi-channel Read-out of the NEWS-G Dark Matter Experiment for Directional sensitivity

Speaker

Mana Sakaguchi

11:45-12:00

Developing Scalable Readout Electronics for Directional Sensitivity of the NEWS-G Dark Matter Experiment

Speaker

Julia Redinger

12:00