

## Session Program

26-31 May 2024



Canadian Association  
of Physicists

Association canadienne  
des physiciens et physiciennes

# **2024 CAP Congress / Congrès de l'ACP 2024** ***(PPD) M3-1 Detectors | Détecteurs (PPD)***

Western University

# Monday 27 May

16:15

## (PPD) M3-1 Detectors | Détecteurs (PPD)

**Session** | **Location:** Social Science Centre, Western U, SSC Rm 2032 (cap. 135)

16:15–16:30

### (G\*) Fluorescence measurements of Clevios for use in particle detectors

**Speaker**

Nicholas Swidinsky

16:30–16:45

### (UG\*) Improving the Radon Trapping Capability at SNOLAB using Activated Charcoal

**Speaker**

Yusuf Ahmed

16:45–17:00

### (G) Denoising High-Purity Germanium Detector Signals using Cycle Generative Adversarial Network

**Speaker**

Tianai Ye

17:00–17:15

### (G\*) An aerogel Cherenkov threshold counter for the Water Cherenkov Test Experiment

**Speaker**

Mr Sirous Yousefnejad

17:15–17:30

### (G\*) Measuring the Refractive Index of Aerogel Tiles using Optical Coherence Tomography for the HELIX Experiment

**Speaker**

Avani Bhardwaj

17:30–17:45

### (G) Guide-coating facility for the TUCAN EDM experiment

**Speaker**

abeer zahra

18:00