

## **Session Program**

**5-11 Jun 2022**



**Canadian Association  
of Physicists**

**Association canadienne  
des physiciens et physiciennes**

## **2022 CAP Congress / Congrès de l'ACP 2022**

***W3-6 ML in HEP and Rare Background  
Searches (PPD) | Apprentissage automatique  
en PHE et recherche d'interférences rares  
(PPD)***

McMaster University

## Tuesday 7 June

15:15

### W3-6 ML in HEP and Rare Background Searches (PPD) | Apprentissage automatique en PHE et recherche d'interférences rares (PPD)

Session | Location: McMaster University, MDCL 1110 | Convener: Matthias Danninger

15:15-15:30

#### (G\*) A method to understand the effects of pileup in the DEAP-3600 detector

**Speaker**

Catherine Bina

15:30-15:45

#### Ex-situ Measurement of Radon Emanation for Ultralow-background Experiments

**Speaker**

Dr Pushparaj Adhikari

15:45-16:00

#### Alpha Quenching Factor in Liquid Argon

**Speaker**

Susnata Seth

16:00-16:15

#### Calibrating eV-Sensitive Detectors at the Université de Montréal Tandem Accelerator

**Speakers**

Emile Michaud, Francois De Brienne

16:15-16:30

#### Developing a simulation for estimation of SiPM optical crosstalk levels

**Speaker**

Dmytro Minchenko

16:30