

Session Program

6-11 Jun 2021



**Canadian Association
of Physicists**

**Association canadienne
des physiciens et physiciennes**

2021 CAP Virtual Congress / Congrès virtuel de l'ACP 2021

***R4-4 Calibration and Analysis for rare event
searches (PPD) / Calibration et analyse pour
la recherche d'événements rares (PPD)***

Underline Conference System

Thursday 10 June

16:45

R4-4 Calibration and Analysis for rare event searches (PPD) / Calibration et analyse pour la recherche d'événements rares (PPD)

Session | **Location:** Underline Conference System | **Convener:** Juan-Pablo Yanez

16:45-16:55

(G*) Simulation-based Studies of Fiducialization and Potential Directionality for the NEWS-G Experiment

Speaker

Carter Garrah

16:55-17:05

Ionization yield for nuclear recoils in silicon at TUNL and Université de Montréal

Speaker

Emile Michaud

17:05-17:15

(G*) A Modern High-Precision Calculation of Deep Underground Cosmic Ray Muons

Speaker

Mr William Woodley

17:15-17:25

(G*) Alpha background rejection in DEAP-3600 using slow wavelength shifters

Speaker

Mr Shivam Garg

17:30