

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

***R2-8 Backgrounds and modelling for rare
event searches (PPD) / Bruit et modélisation
pour la recherche d'événements rares (PPD)***

Underline Conference System

Wednesday 9 June

12:45

R2-8 Backgrounds and modelling for rare event searches (PPD) / Bruit et modélisation pour la recherche d'événements rares (PPD)

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

12:45-12:55

(G*) Muon-induced backgrounds in a new dark matter experiment: the Scintillating Bubble Chamber

Speaker

Patrick Hatch

12:55-13:05

(G*) Detector response simulation for NEWS-G Dark Matter experiment

Speaker

Yuqi DENG

13:05-13:15

(G*) Background characterization and detector model after hardware upgrades of the DEAP-3600 detector

Speaker

Courtney Mielnichuk

13:15-13:25

(G*) Radon Mitigation Strategies for the NEWS-G Dark Matter Experiment

Speaker

Patrick O'Brien

13:30