

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

R2-7 Data Acquisition (DAPI) / Acquisition de données (DPAI)

Underline Conference System

Wednesday 9 June

12:45

R2-7 Data Acquisition (DAPI) / Acquisition de données (DPAI)

Session | Location: Underline Conference System | Convener: Steffon Luoma

12:45-12:50 **Real-Time Event Filtering in Complex Multi-Detector Systems**

Speaker

Matthew Martin

12:50-12:55

(G*) Development and Implementation of a Machine Learning Algorithm for Pulse Shape Discrimination

Speaker

Richard Garnett

12:55-13:00

(G*) Development of a digital data acquisition system capable of pulse-pileup recovery for HPGe detectors

Speaker

Thomas Domingo

13:00-13:05

(G*) Progress toward optimizing energy and arrival-time resolution with a transition-edge sensor

Speaker

Paul Ripoche

13:05-13:10

The Vertical Slice Data Processing Scheme for DarkSide

Speaker

Lars Dieter Martin

13:30