

Session Program

18-23 Jun 2023



**Canadian Association
of Physicists**

**Association canadienne
des physiciens et physiciennes**

2023 CAP Congress / Congrès de l'ACP 2023

***(DAPI) M3-6 Accelerator Physics and
Instrumentation | Physique des accélérateurs
et instrumentation (DPAI)***

University of New Brunswick

Monday 19 June

16:00

(DAPI) M3-6 Accelerator Physics and Instrumentation | Physique des accélérateurs et instrumentation (DPAI)

Session | **Location:** Rm. 208 (max. 68), UNB Kinesiology | **Convener:** Steffon Luoma

16:00-16:30

(I) ARIEL at TRIUMF - The Next Generation ISOL Facility for the Production of Rare Isotope Beams

Speaker

Alexander Gottberg

16:30-16:45

Testbeam studies of irradiated sensors for the ITk strip detector

Speaker

Callan Jessiman

16:45-17:00

(G*) Probing of ABCStar Readout ASICs Through a Semiconductor Test Industry Partnership for use in the ATLAS ITk Strips Tracker

Speaker

Bryce John Norman

17:00-17:15

A comparison of DTL structures for a Proton Linac for a Compact Accelerator Based Neutron Source

Speaker

Ms Mina Abbaslou

17:15-17:30

(U*) AI-driven beamline tuning at the TRIUMF Off-Line Ion Sources (OLIS) facility

Speaker

Defne Tanyer

17:45