

## **Session Program**

**18-23 Jun 2023**



**Canadian Association  
of Physicists**

**Association canadienne  
des physiciens et physiciennes**

## **2023 CAP Congress / Congrès de l'ACP 2023**

***(DAMOPEC) W3-2 Laser development |  
Développement du laser (DPAMPC)***

University of New Brunswick

## Wednesday 21 June

15:45

### **(DAMOPC) W3-2 Laser development | Développement du laser (DPAMPC)**

**Session** | **Location:** Rm. 5 (max. 70), UNB Tilley Hall | **Convener:** Jens Lassen

**15:45-16:00 Laser applications at TRIMF's isotope separator and accelerator**

**Speaker**

Jens Lassen

**16:00-16:15**

**(G\*) A PT-symmetric microchip laser using nanostructure grating mirrors for single mode emission**

**Speaker**

Mr Shawn Lapointe

**16:15-16:30**

**Towards robust neutral-atom BEC production with the help of machine learning**

**Speaker**

Arina Tashchilina

**16:30-16:45**

**Low Cost Nonlinear Atomic System for Studying Correlated Beams**

**Speaker**

Andrew MacRae

**16:45-17:00**

**discussion session / networking**

17:00