

## **Session Program**

**10-16 Jun 2018**



**Canadian Association  
of Physicists**

**Association canadienne  
des physiciens et physiciennes**

**2018 CAP Congress / Congrès de l'ACP 2018**

***W3-8 Nuclear Structure II (DNP) | Structure  
nucléaire II (DPN)***

Dalhousie University

## Tuesday 12 June

13:30

### W3-8 Nuclear Structure II (DNP) | Structure nucléaire II (DPN)

**Session** | **Location:** Dalhousie University, SUB 224 (cap. 50) | **Convener:** Iris Dillmann

13:30–14:00 **Ab initio calculations for exotic nuclei (I)**

**Speaker**

Matteo Vorabbi

14:00–14:15

#### High-Precision Branching Ratio Measurement for the Superallowed Fermi Beta Emitter $^{22}\text{Mg}$

**Speaker**

Alex Laffoley

14:15–14:30

#### Investigation of the nuclear structure of $^{33}\text{Al}$ through $\beta$ -decay of $^{33}\text{Mg}$ to probe the island of inversion (G)

**Speaker**

Tammy Zidar

14:30–14:45

#### Enhanced $\alpha$ -Transfer population of the $2^{+}_{\text{ms}}$ mixed-symmetry state in $^{52}\text{Ti}$

**Speaker**

Fuad A. Ali

14:45–15:00 **User Support and Engagement at TRIUMF**

**Speaker**

Dr Marcello Pavan

15:00