

## **Session Program**

**Jun 5 - 11, 2022**



**Canadian Association  
of Physicists**

**Association canadienne  
des physiciens et physiciennes**

**2022 CAP Congress / Congrès de l'ACP 2022**

***R2-4 Quantum Materials II (DCMMP) |  
Matériaux quantiques II (DPMCM)***

McMaster University

## Thu, June 9

10:45 AM

### R2-4 Quantum Materials II (DCMMP) | Matériaux quantiques II (DPMCM)

Session | Location: McMaster University, MDCL 1010 | Convener: Tamar Pereg-Barnea

10:45 - 11:00 AM

#### Probing a Novel Low Temperature State in Cs<sub>2</sub>AgBiBr<sub>6</sub> via Resonance Raman Spectroscopy and Photoluminescence

**Speaker**

Collin Tower

11:00 - 11:15 AM

#### Pseudogap formation at the $\beta$ to $\beta'$ phase transition in the Chalcogenide As<sub>2</sub>Te<sub>3</sub>

**Speaker**

Mr Jeremy Dion

11:15 - 11:30 AM

#### WITHDRAWN Atomically Defined Wires on P-Type Silicon

**Speaker**

Furkan Altincicek

11:30 - 11:45 AM

#### Density changes in amorphous silicon provoked by swift heavy ions

**Speaker**

Prof. Sjoerd Roorda

11:45 AM - 12:00 PM

#### Beta-SRF at TRIUMF - A Unique Facility to Characterize SRF Materials Near Fundamental Limits

**Speaker**

Edward Thoeng

12:15 PM