

## **Session Program**

**Jun 7 - 12, 2020**



**Canadian Association  
of Physicians**

**Association canadienne  
des médecins et physiciennes**

## **2020 CAP Virtual Sessions / Sessions virtuelle de l'ACP 2020**

### ***R-DNP-1 : Best student competition***

Virtual Platforms

# Thu, June 11

1:00 PM

## R-DNP-1 : Best student competition

Session | Location: Virtual Platforms | Convener: Corina Andreoiu

1:00 - 1:15 PM

### Lifetime Measurement of the First $2^+$ State in $^{40}\text{Ca}$ Using Direct Population via an Alpha-transfer Reaction

**Speaker**

Tongan (Frank) Wu

1:20 - 1:35 PM

### Direct Photons From Jets in Quark Gluon Plasma

**Speaker**

Mr Rouzbeh Modarresi Yazdi

1:40 - 1:55 PM

### Simulating a Scintillator Array for the GRIFFIN Decay Station

**Speaker**

Harris Bidaman

2:00 - 2:15 PM

### Electromagnetic Transition Rate Studies in $^{28}\text{Mg}$

**Speaker**

Mr Matthew Martin

2:20 - 2:35 PM

### The resurgence of the $8\pi$ spectrometer

**Speaker**

Melanie Gascoine

2:40 - 2:55 PM

### A Measurement of Zinc-65 Using Data from the KDK Experiment

**Speaker**

Lilianna Hariasz

3:00 - 3:15 PM

### Electromagnetic radiation from the pre-equilibrium/pre-hydro stage of the quark-gluon plasma

**Speaker**

Jessica Churchill

3:20 - 3:35 PM

### Prototype development of a scintillator array for neutron energy measurements

**Speaker**

Allison Radich

3:40 - 3:55 PM

### High-Precision Study of the Superallowed Fermi Beta Emitter $^{62}\text{Ga}$

**Speaker**

A.D. MacLean

3:55 PM