

## **Session Program**

**28 May 2017 to 2 June 2017**



Canadian Association  
of Physicists

Association canadienne des  
physiciens et physiciennes

**2017 CAP Congress / Congrès de l'ACP 2017**

***DCMMP Poster Session | Session d'affiches  
DPMCM (9)***

Queen's University

# Wednesday 31 May

18:00

## DCMMP Poster Session | Session d'affiches DPMCM (9)

**Session** | **Location:** Queen's Athletics & Recreation Centre (ARC) | **Convener:** Graeme Luke

18:00-18:02

### POS-19 - A DFT Investigation of Conjugated Polymers/Oligomers and Fullerenes Interactions in Bulk Heterojunction Organic Solar Cells

#### Speakers

Sarah Ayoub, Jolanta Lagowski

18:02-18:04

### POS-20 - Visualizing in situ Electrochemical Doping in Luminescent Conjugated Polymers

#### Speaker

Mr Shiyu Hu

18:04-18:06

### POS-21 - The determination of GaAs phononic crystal waveguide SAW mode frequencies

#### Speaker

Mr Edward Muzar

18:06-18:08

### POS-22 - Perovskite Solar Cells Fabricated with Various Buffer Layers: Relationship Between Carrier Lifetime and Observed J-V Hysteresis

#### Speaker

Mr William Elcock

18:08-18:10

### POS-23 - Spin current transport in Ta: FMR studies in py/Ta and py/Ta/py/Fe structures prepared by sputtering

#### Speaker

Prof. Erol Girt

18:10-18:12

### POS-24 - Periodic Squeezing in a Polariton Josephson Junction

#### Speaker

Dr Mitchell D. Anderson

18:12-18:14

### POS-45 - Entanglement Structure of the One and Two-Channel Kondo Model

#### Speaker

Erik Sorensen

18:14-18:16

### POS-47 - Dynamic Nuclear Polarization Designed for Nano-MRI Imaging

#### Speaker

Mrs Razieh Annabestani

18:16-18:18

**POS-51 - Light-soaking effects on Organic Semiconductor-based diodes**

**Speaker**

Mr Sanyasi Rao Bobbara

19:30