

Session Program

10-16 Jun 2018



**Canadian Association
of Physicists**

**Association canadienne
des physiciens et physiciennes**

2018 CAP Congress / Congrès de l'ACP 2018

***W3-5 Quantum Sensors and Quantum
Technology (DAMOPC) | Détecteurs
quantiques et technologie quantique
(DPAMPC)***

Dalhousie University

Tuesday 12 June

13:30

W3-5 Quantum Sensors and Quantum Technology (DAMOPC) | DéTECTEURS QUANTIQUES ET TECHNOLOGIE QUANTIQUE (DPAMPC)

Session | **Location:** Dalhousie University, SUB 307 (cap. 80) | **Convener:** Agata Branczyk

13:30-14:00

Towards Microwave to Telecom Wavelength Quantum Information Transfer using Cavity Optomechanics (I)

Speaker

John Davis

14:00-14:30

Graphene Lubrication and Wetting Transparency Evaluated through Nanoscale Friction (I)

Speaker

Dr Philip Egberts

14:30-14:45

Autler-Townes quantum memory for broadband light storage and manipulation

Speaker

Lindsay LeBlanc

14:45-15:00

Optical fiber nanoprobe for the detection of chemicals (G)

Speaker

Mr Joshua Trevisanutto

15:00