

Session Program

10-16 Jun 2018



**Canadian Association
of Physicists**

**Association canadienne
des physiciens et physiciennes**

2018 CAP Congress / Congrès de l'ACP 2018

***T3-1 Photonics (DAMOPC / DCMMP) |
Photoniques (DPAMPC / DPMCM)***

Dalhousie University

Tuesday 12 June

13:30

T3-1 Photonics (DAMOPC / DCMMP) | Photoniques (DPAMPC / DPMCM)

Session | **Location:** Dalhousie University, McCain Scotiabank Auditorium (cap.250) | **Convener:** Karl-Peter Marzlin

13:30-14:00

On-chip Fabry-Perot microcavity arrays for cavity QED (I)

Speaker

Ray DeCorby

14:00-14:15

Coupled spatial and spectral properties of a spectrally broadband photon pair source in bulk PPLN (G)*

Speaker

Mrs Aimee Gunther

14:15-14:30

Improving the quality of heralded single-photon sources with cascaded downconversion

Speaker

Deny R Hamel

14:30-14:45

Photonic device for the detection of trace gases (G)

Speaker

Mr Joshua Trevisanutto

14:45-15:00

An enhanced Kerr non-linearity using Rydberg electromagnetically induced transparency outside the blockade regime (G)

Speaker

Josiah Sinclair

15:00