

Session Program

2-7 Jun 2019



**Canadian Association
of Physicists**

**Association canadienne
des physiciens et physiciennes**

2019 CAP Congress / Congrès de l'ACP 2019

***T3-7 Frontiers in optics (DAMOPC) | Frontières
en optique (DPAMPC)***

Simon Fraser University

Tuesday 4 June

13:15

T3-7 Frontiers in optics (DAMOPC) | Frontières en optique (DPAMPC)

Session | **Location:** Simon Fraser University, SWH 10081 | **Convener:** Steve Dodge

13:15–13:45

Vector beams, high harmonic generation and sub-focal spot coherent control

Speaker

Prof. Paul Corkum

13:45–14:00

Optical microscopy with kinky photons

Speaker

Dr Daniel Higginbottom

14:00–14:15

Current dissipation of ultracold atoms in an optical lattice

Speaker

Mr Rhys Anderson

14:15–14:30

New Strategies for Single Crystal Plasmonic Nanostructures and Plasmon-based Solar Energy Harvesting

Speaker

Prof. Gary W. Leach

14:30–14:45

Rayleigh Scattering Formulation of the Tune-out Wavelength: Theory and Application to Metastable Helium

Speaker

Dr Gordon Drake

14:45