

Session Program

Jun 2 - 7, 2019



Canadian Association
of Physicists

Association canadienne
des physiciens et physiciennes

2019 CAP Congress / Congrès de l'ACP 2019

***M2-1 Interaction Between Matter and Light
(DAMOPC) | Interaction de la matière et de
la lumière (DPAMPC)***

Simon Fraser University

Mon, June 3

1:15 PM

M2-1 Interaction Between Matter and Light (DAMOPC) | Interaction de la matière et de la lumière (DPAMPC)

Session | Location: Simon Fraser University, BLU 10011 | Convener: Dr Gautam Das

1:15 – 1:45 PM

Novel AFM-Intermodulation Technique for Nanoscale Characterization of Surface Properties

Speaker

Nisha Rani Agarwal

1:45 – 2:00 PM

Gas Cell Based on Hollow-Core Fiber for Trace Gas Detection

Speaker

Mr Joshua Trevisanutto

2:00 – 2:15 PM

Light-cone like spreading of correlations in the Bose-Hubbard model at strong coupling

Speaker

Matthew Fitzpatrick

2:15 – 2:30 PM

Do the temperature dependencies of spectral line parameters change when we approach cryogenic temperatures?

Speaker

Adriana Predoi-Cross

2:30 – 2:45 PM

Epitaxial Growth of Single Crystal Noble Metals for Plasmonic and Nanophotonic Applications

Speaker

Dr Sasan V. Grayli

2:45 PM