

Session Program

2-7 Jun 2019



Canadian Association
of Physicists

Association canadienne
des physiciens et physiciennes

2019 CAP Congress / Congrès de l'ACP 2019

***W1-8 Probing and controlling matter with
light II (DCMMP) | Sonder et contrôler la
matière avec de la lumière II (DPMCM)***

Simon Fraser University

Wednesday 5 June

10:45

W1-8 Probing and controlling matter with light II (DCMMP) | Sonder et contrôler la matière avec de la lumière II (DPMCM)

Session | **Location:** Simon Fraser University, SCP 8445.2 | **Convener:** David Sénéchal

10:45-11:00

Cavity Spintronics: Foundations and Applications of Spin-Photon Hybridization

Speaker

Dr Michael Harder

11:00-11:15

Could GaAs (001) Know What Bacterium Has Bitten It?

Speaker

Jan Dubowski

11:15-11:45

Optical control of valley pseudospin in 2D semiconductors

Speaker

Dr Ziliang Ye

11:45-12:00

Optical second harmonic susceptibility in the Weyl semimetal tungsten telluride

Speaker

Leya Lopez.L

12:00-12:15

Optical Interactions in Graphene

Speaker

Samantha Scarfe

12:15