

## Session Program

5-11 Jun 2022



Canadian Association  
of Physicists

Association canadienne  
des physiciens et physiciennes

**2022 CAP Congress / Congrès de l'ACP 2022**

***M3-2 Unconventional superconductivity and topology (DCMMP) | Supraconductivité non conventionnelle et topologie (DPMCM)***

McMaster University

# Monday 6 June

16:00

## M3-2 Unconventional superconductivity and topology (DCMMP) | Supraconductivité non conventionnelle et topologie (DPMCM)

Session | Location: McMaster University, MDCL 1010 | Convener: Robert Wickham

16:00-16:30 (I) Topological physics with light and matter: new horizons

**Speaker**

Prof. Philippe St-Jean

16:30-16:45

**Surface Bogoliubov-Dirac cones and helical Majorana hinge modes in superconducting Dirac semimetals**

**Speaker**

Dr Majid Kheirkhah

16:45-17:00

**(G\*) Transport of Majorana Zero Modes in 1D Topological Superconductors**

**Speaker**

Mr Bill Truong

17:00-17:15

**Charge Density Wave Order and Fluctuations above  $T_{CDW}$  and below Superconducting  $T_c$  in the Kagome Metal  $CsV_3Sb_5$**

**Speaker**

Dr Qiang Chen

17:15-17:30

**Muon Spin Rotation Study of Superconducting  $CsV_3Sb_5$**

**Speaker**

Jonah Gautreau

17:30