

Session Program

Jun 5 - 11, 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

Mon, June 6

4:00 PM

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

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

4:00 – 4:30 PM (I) Topological physics with light and matter: new horizons

Speaker

Prof. Philippe St-Jean

4:30 – 4:45 PM

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

Speaker

Dr Majid Kheirkhah

4:45 – 5:00 PM

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

Speaker

Mr Bill Truong

5:00 – 5:15 PM

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

5:15 – 5:30 PM

Muon Spin Rotation Study of Superconducting CsV_3Sb_5

Speaker

Jonah Gautreau

5:30 PM