

Session Program

18-23 Jun 2023



**Canadian Association
of Physicists**

**Association canadienne
des physiciens et physiciennes**

2023 CAP Congress / Congrès de l'ACP 2023

***(DCMMP) T1-7 Quantum Materials Symposium
| Symposium sur les matériaux quantiques
(DPMCM)***

University of New Brunswick

Monday 19 June

08:30

(DCMMP) T1-7 Quantum Materials Symposium | Symposium sur les matériaux quantiques (DPMCM)

Session | Location: Rm. 104 (max. 82), UNB Tilley Hall | Convener: Ion Garate

08:30–09:00

(I) The Surprising role of Phonons in the Extreme Mobility of Topological Semimetals

Speaker

Prof. Kenneth Burch

09:00–09:30

(I) Machine learning augmented experiments for topological and quantum materials research

Speaker

Mingda Li

09:30–10:00

(I) Exotic phases of spin-3/2 fermions in Rarita-Schwinger-Weyl semimetals

Speaker

Prof. Igor Boettcher

10:00–10:15

Symmetry and topology of hyperbolic Haldane models

Speaker

Anffany Chen

10:15