

## Session Program

5-11 Jun 2022



Canadian Association  
of Physicists

Association canadienne  
des physiciens et physiciennes

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

***W2-8 Condensed matter theory II (DCMMP/  
DTP) | Théorie de la matière condensée II  
(DPMCM/DPT)***

McMaster University

## Tuesday 7 June

13:15

### W2-8 Condensed matter theory II (DCMMP/DTP) | Théorie de la matière condensée II (DPMCM/DPT)

Session | Location: McMaster University, MDCL 1309 | Convener: Tamar Pereg-Barnea

13:15-13:30 **(G\*) Artificial electric field and electron hydrodynamics**

**Speaker**

Omid Tavakol

13:30-13:45 **Fractonic quantum phases in breathing pyrochlore lattice**

**Speaker**

SangEun Han

13:45-14:00 **Thermal Conductivity of Square Ice**

**Speaker**

Jeffrey Rau

14:00-14:15

**Self-consistent study of topological superconductivity in quasicrystals**

**Speaker**

Prof. K. Tanaka

14:15-14:30

**Magnetic-field Induced Topological Transitions and Thermal Conductivity in a Generalized Kitaev Model**

**Speaker**

Heqiu Li

14:45