

Session Program

26-31 May 2024



Canadian Association
of Physicists

Association canadienne
des physiciens et physiciennes

2024 CAP Congress / Congrès de l'ACP 2024

***DCMMP Poster Session & Student Poster
Competition (11) | Session d'affiches DPMCM
et concours d'affiches étudiantes (11)***

Western University

Tuesday 28 May

17:45

DCMMP Poster Session & Student Poster Competition (11) | Session d'affiches DPMCM et concours d'affiches étudiantes (11)

Session | Location: Western University, PAB Hallways

17:47-17:49

(G*) (POS-60) Low Phase Noise Microwave Oscillator Based on Gain Driven Polariton

Speaker

Mun Kim

17:49-17:51

(G) (POS-59) A Multimodal Approach Towards Advancing the Characterization and Analysis of Erbium

Speaker

Sage Buchanan

17:51-17:53

(G) (POS-66) SiGe quantum dots in SiO₂ produced by co-ion implantation: optical and structural properties

Speaker

Lyudmila Goncharova

17:53-17:55

(G*) (POS-65) Composition and optical properties of ion beam fabricated SiGeSn layers in Si (001)

Speaker

Alexander Henry

17:57-17:59

(G) (POS-64) Distortions of Transition Metal Dichalcogenides: Quantum Loops on the Triangular Lattice

Speaker

Mr Ashland Knowles

17:59-18:01

(POS-63) Engineering the geometry of space time: Emergence of Majorana fermions

Speaker

Tohid Farajollahpour

18:01-18:03

(G) (POS-62) SymPhas: A general purpose C++ software for phase-field simulations

Speaker

Steven Arnold Silber

18:03-18:05

(G) (POS-61) Heating due to High-Harmonic Generation in Solids: Results from a Simulated Two-Level Model**Speaker**

Mr Clifford Rodger

18:05-18:07

(POS-67) Frustrated Self-Assembly**Speaker**

Dr Andrey Zelenskiy

18:07-18:09

(POS-68) In-situ ultrafast charge carrier dynamics of the two-dimensional perovskites**Speaker**

Prof. Jianbo Gao

18:09-18:11

(POS-69) Synthesis of Perovskite-Based Materials for Photovoltaics Application**Speaker**

Dr Dr. Tuhin Ghosh

19:15