

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) T1-7 Light Matter Interaction |
Interaction lumière-matière (DPMCM)***

Western University

Tuesday 28 May

10:30

(DCMMP) T1-7 Light Matter Interaction | Interaction lumière-matière (DPMCM)

Session | **Location:** Physics & Astronomy Bldg., Western U. , PAB Rm 106 (cap. 96) | **Convener:** Mark Sutton

10:30-11:00

Making braids in non-Hermitian photonic systems

Speaker

Prof. Kai Wang

11:00-11:15

(G*) A Theory of Fourth and Fifth Harmonic Generations in Metallic Nanohybrids

Speaker

Qingzhou Meng

11:15-11:30

(G) The van der Pol-Duffing Oscillator and its Application to Gain-driven Light-matter Interaction

Speaker

Chunlei Zhang

11:30-11:45

New Capabilities for In-situ and Operando Soft X-ray Spectroscopy at the SGM and SXRMB Beamlines at the Canadian Light Source

Speaker

Tor Pedersen

11:45-12:00

Light-induced dc currents in materials with $C_{4n}\mathcal{K}$ symmetry

Speaker

Tohid Farajollahpour

12:00