

Session Program

26-31 May 2024



**Canadian Association
of Physicists**

**Association canadienne
des physiciens et physiciennes**

2024 CAP Congress / Congrès de l'ACP 2024

***(DAMOPC) M2-8 Scattering & Spectroscopy |
Diffusion et spectroscopie (DPAMPC)***

Western University

Monday 27 May

14:15

(DAMOPC) M2-8 Scattering & Spectroscopy | Diffusion et spectroscopie (DPAMPC)

Session | **Location:** Physics & Astronomy Bldg., Western U., PAB Rm 117 (cap. 56) | **Convener:** Prof. Ali Hatef

14:30-14:45

(UG*) Variational bound for the energy of the H- negative ion: Triple basis sets

Speaker

Mr Evan Petrimoulx

14:45-15:00

(G) Study of Bragg Scattering in the Presence of Dipole-Dipole Interaction in Plasmonic Nanohybrids

Speaker

Mr Xintong Jiang

15:00-15:15

(UG*) Second and Third Harmonic Generation in Metallic Nanohybrids

Speaker

Robert Gerstner

15:15-15:30

(G*) A Novel Approach to Tunable, Broadband Stimulated Raman Spectroscopy

Speaker

Nathan Drouillard

15:30-15:45

discussion & questions to speakers / networking

15:45