

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) M1-8 Higher Harmonic Generation & Non-Linear Effects | Génération d'harmoniques supérieures et effets non linéaires (DPAMPC)

Western University

Monday 27 May

10:30

(DAMOPC) M1-8 Higher Harmonic Generation & Non-Linear Effects | Génération d'harmoniques supérieures et effets non linéaires (DPAMPC)

Session | **Location:** Physics & Astronomy Bldg, Western U., PAB Rm 150 (cap. 48) | **Convener:** Chitra Rangan

10:45-11:00

Enhancing Plasmonic Nanostructures Tunability by Employing Phase Change Materials

Speaker

Prof. Ali Hatef

11:00-11:15

(G*) Focal Cone High Harmonic Generation

Speaker

John Gjevre

11:15-11:30

(G) High-sensitivity detection of terahertz radiation by parametric frequency upconversion

Speaker

Mr Eeswar Kumar Yalavarthi

11:30-11:45

(G*) Nonlinear detection of terahertz signals for 6G communications

Speaker

Eeswar Yalavarthi

11:45-12:00

discussion & questions to speakers / networking

12:00