

Session Program

21-26 Jun 2026



**Canadian Association
of Physicists**

**Association canadienne
des physiciens et physiciennes**

2026 CAP Congress / Congrès de l'ACP 2026

(DAMOPC) M1-10 | (DPAMPC)

U. Ottawa - Learning Crossroads (CRX) Building
100 Louis-Pasteur Private, Ottawa, ON K1N 9N3

Monday 22 June

10:15

(DAMOPC) M1-10 | (DPAMPC)

Session |

Location: U. Ottawa - Learning Crossroads (CRX) Building, 100 Louis-Pasteur Private, Ottawa, ON K1N 9N3

10:15-10:30 **Watching a molecular bond break**

Speaker

Dr Nida Haram

10:30-10:45 **Quantum Dial for High-Harmonic Generation**

Speaker

Lu Wang

10:45-11:00 **XUV generation with toroidal pulse**

Speaker

Lu Wang

11:00-11:15 **Suppression of Amplified Spontaneous Emission in Fe:ZnSe Amplifier**

Speaker

Mr Jon Morten Drees

11:15-11:30

Polarization-Controlled On-Axis Phase Matching in Extreme Four-wave Mixing

Speaker

TJ Hammond

11:30-11:45 **High Harmonic Generation from a Noble Metal**

Speaker

Shima Gholam Mirzaeimoghadar

11:45-12:00

Modelling radiation-balanced solar pumped lasers with a quantum optical framework

Speaker

Ahmed Jaber

12:00