

Session Program

21-26 Jun 2026



Canadian Association
of Physicists

Association canadienne
des physiciens et physiciennes

2026 CAP Congress / Congrès de l'ACP 2026

(DPP) T1-7 Laser Plasma Interaction & Complex Plasmas | Interaction laser-plasma et plasmas complexes (DPP)

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

Tuesday 23 June

10:15

(DPP) T1-7 Laser Plasma Interaction & Complex Plasmas | Interaction laser-plasma et plasmas complexes (DPP)

Session |

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

10:15-10:45

Single-shot reconstruction of electron beam longitudinal phase space

Speaker

Yong Ma

10:45-11:15

Ultra-High Field Ponderomotive Acceleration of Electrons

Speaker

François Fillion-Gourdeau

11:15-11:30

High-Energy Electron Acceleration in Nonlinear Laser Wakefield Regimes

Speaker

RASHID UL HAQ

11:30-11:45

XUV Diagnostic System for Measuring the Focusing of Protons Produced by High Intensity Laser Pulses

Speaker

John Gjevre

11:45-12:00

Examining the impact of laser spot size and laser energy on nanosecond laser ablation to enhance laser-induced breakdown spectroscopy

Speaker

Shubho Mohajan

12:00