

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) T3-5 Complex Plasmas and Fusion | Plasmas complexes et fusion (DPP)

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

Tuesday 23 June

16:15

(DPP) T3-5 Complex Plasmas and Fusion | Plasmas complexes et fusion (DPP)

Session |

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

16:15-16:45

Microwave imaging Reflectometry for 2-D Plasma Density fluctuation measurement on EAST

Speaker

Prof. JinLin Xie

16:45-17:00

Examining the impact of buried layer targets on solid-density plasma formation enabled by bayesian inference applied to X-ray spectroscopy

Speaker

Nicholas Beier

17:00-17:15

Acceleration Dynamics of KTX-CTI Compact Torus Plasma

Speaker

Tao Lan

17:15-17:30

Fusion PFC Testing using Plasma Immersion Ion Implantation

Speaker

Michael Bradley

17:30-17:45

Hydrodynamic Tuning of Interfacial Instabilities: Pressure-Controlled Bubble Dynamics at the Heptane-Water Interface

Speaker

Mohamed G. Elsheikh

17:45