

Session Program

8-13 Jun 2025



**Canadian Association
of Physicists**

**Association canadienne
des physiciens et physiciennes**

2025 CAP Congress / Congrès de l'ACP 2025

***(DPP) T2-8 Plasma Material Synthesis |
Synthèse de matériaux par plasma (DPP)***

Tuesday 10 June

14:15

(DPP) T2-8 Plasma Material Synthesis | Synthèse de matériaux par plasma (DPP)

Session

14:15-14:45

PLASMA DENSITY ENHANCEMENT EFFECTS DURING PLASMA IMMERSION ION IMPLANTATION

Speaker

Michael Bradley

14:45-15:00

Optimization of Target Utilization in Planar Circular Sputtering Magnetron Using PIC-MCC Modeling

Speaker

Nouredine Oudini

15:00-15:15

Azimuthal and axial structures in 3D Particle-in-Cell simulation of Penning discharge

Speaker

Mina Papahn Zadeh

15:15-15:30

Extended Materials Science look at MPCVD NV centers

Speaker

William Davis

15:30-15:45

Partial Equatorward Closure of Region 2 Birkeland Currents

Speaker

Yihenew Getu

15:45