

Session Program

26-31 May 2024



**Canadian Association
of Physicists**

**Association canadienne
des physiciens et physiciennes**

2024 CAP Congress / Congrès de l'ACP 2024

***(DAPI) T3-6 Advances in Instrumentation II |
Progrès en matière d'instrumentation II
(DPAI)***

Western University

Tuesday 28 May

16:15

(DAPI) T3-6 Advances in Instrumentation II | Progrès en matière d'instrumentation II (DPAI)

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

16:15-16:30

(G*) Comparison Between Ground-based Lidar Measurements from MPLCAN and Simulated Retrievals from the Aerosol Limb Imager

Speaker

Emily Tracey

16:30-16:45

Micro-Array, a Physics Based Solution to the Challenges of Real-Time Spot-Welding Evaluation

Speaker

Dr Andrew Ouellette

16:45-17:00

Geophysical exploration techniques for soil precision mapping in Agriculture in Delta State Nigeria: A pilot study

Speaker

Dr Merrious Oviri Ofomola

17:00-17:15

CASTOR: A Flagship Space Astronomy Mission for Canada

Speaker

Sarah Gallagher

17:30