

## **Session Program**

**8-13 Jun 2025**



**Canadian Association  
of Physicists**

**Association canadienne  
des physiciens et physiciennes**

### **2025 CAP Congress / Congrès de l'ACP 2025**

***(DASP) T1-2 Ionosphere, Thermosphere, and  
Radio Propagation | Ionosphère,  
thermosphère et propagation radioélectrique  
(DPAE)***

## Tuesday 10 June

10:15

### **(DASP) T1-2 Ionosphere, Thermosphere, and Radio Propagation | Ionosphère, thermosphère et propagation radioélectrique (DPAE)**

**Session** | **Convener:** David Themens

10:15-10:45

#### **Advancing Research through Modular Instrumentation**

**Speakers**

Mr Philippe Trottier, Prof. Torsten Reuschel

10:45-11:00

#### **Improved ionospheric observations of E-Region radar aurora through calibration of the ICEBEAR radar**

**Speaker**

Remington Rohel

11:00-11:15

#### **Near Real-Time Riometer Data Processing**

**Speaker**

Kyle Reiter

11:15-11:30

#### **The many discoveries of the ICEBEAR-3D E-region coherent radar**

**Speaker**

Glenn Hussey

11:30-11:45

#### **An analysis of WWV's 10 MHz signal received in New Jersey**

**Speaker**

Gareth Perry

11:45-12:00

#### **Doppler shift of transionospheric HF radio waves**

**Speaker**

Donald Danskin

12:00