

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) W1-2 Space Weather Special Session |
Session spéciale sur la météorologie spatiale
(DPAE)

Wednesday 11 June

10:15

(DASP) W1-2 Space Weather Special Session | Session spéciale sur la météorologie spatiale (DPAE)

Session | **Conveners:** David Themens, Hannah Parry

10:15-10:30

The high latitude ionospheric response to the major May 2024 geomagnetic storm

Speaker

David Themens

10:30-10:45

The Fast Borealis Ionosphere: New observations and insights from mapping the polar ionosphere every four seconds

Speaker

Daniel Billett

10:45-11:00

Geomagnetically induced currents in Alberta, Canada during the May 10-12, 2024 Gannon storm

Speaker

Hannah Parry

11:00-11:15

Progress towards a polar-cap patch detection algorithm using SuperDARN data

Speaker

Gareth Perry

11:15-11:30

The new capabilities of the SuperDARN Canada Borealis Radar System

Speaker

Draven Galeschuk

11:30-11:45

Space Weather Ionospheric Network Canada

Speaker

Christopher Watson

11:45-12:00

Statistical assessment of the risk of ionospheric absorption to high frequency communications at high latitudes

Speaker

Robyn Fiori

12:00