

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) M1-2 Magnetosphere and
Magnetospheric Dynamics | Magnétosphère
et dynamique magnétosphérique (DPAE)***

Monday 9 June

10:15

(DASP) M1-2 Magnetosphere and Magnetospheric Dynamics | Magnétosphère et dynamique magnétosphérique (DPAE)

Session

10:15-10:30

Real Heights of SuperDARN Echoes Estimated From Electron Density Data

Speaker

Dr Sasha Koustov

10:30-10:45

Comparison of sporadic E layers obtained via modeling and measured by CHAIN ionosondes

Speaker

Dmytro Sydorenko

10:45-11:00

Observations of the ionospheric response to the April 2024 total solar eclipse over New Brunswick

Speaker

Anton Kashcheyev

11:00-11:15

April 2024 Solar Eclipse Effects on Ionospheric Density and Radio Propagation

Speakers

Gareth Perry, Kuldeep Pandey

11:15-11:30

Density structures observed by the Radio Receiver Instrument on e-POP/Swarm-E

Speaker

Dr E. Ceren Kalafatoglu Eyiguler

11:30-11:45

The new physics unveiled by the ICEBEAR radar in conjunction with with other auroral observations

Speaker

Jean-Pierre St-Maurice

11:45-12:00

Variations of SuperDARN ground scatter occurrence rate in the polar cap

Speaker

Mr Mehdi Ghalamkarian Nejad

12:00