

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) F1-2 Magnetosphere-Ionosphere
Coupling | Couplage magnétosphère-
ionosphère (DPAE)***

Friday 13 June

09:00

(DASP) F1-2 Magnetosphere-Ionosphere Coupling | Couplage magnétosphère-ionosphère (DPAE)

Session | Convener: Ian Mann

09:00–09:15

Statistical studies of polarisation and propagation characteristics of Pc5 ULF waves observed by SuperDARN Radars at mid latitudes

Speaker

Pasha Ponomarenko

09:15–09:30

Comparison of two-stream and kinetic methods of calculation of photoelectron effects

Speaker

Dmytro Sydorenko

09:30–09:45

Unexpected Field-Aligned Structure in Equatorial Plasma Bubbles

Speaker

Bizuayehu Beyene

09:45–10:00

Validation of plasma drift velocity calculation algorithm

Speaker

Dr Oleksandr Koloskov

10:00–10:15

Electron Density Variations in the Ionosphere Over Poker Flat (Alaska)

Speaker

Hayden Fast

10:30