

2025 CEDAR-GEM joint session: Ionosphere-Thermosphere (IT) response and feedback to the drivers in the magnetosphere (M)
13:30-15:30, Wednesday, Ballroom B

Join ZoomGov Meeting

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Meeting ID: 161 386 4718

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Agenda

- (1) **Shasha Zou**, 13:30-13:39, ITM science: Impact of ITM pre-conditioning, measurement gaps and space weather forecast
- (2) **Roman Gomez**, 13:39-13:48, Atomic and Molecular Nitrogen Ions at the Dayside Magnetopause During the 2024 Gannon Storm
- (3) **Olga Verkhoglyadova (given by Mike Hartinger)**, 13:48-13:57, Statistical Analysis of Ultra-Low-Frequency Total Electron Content Disturbances: Relationship to Magnetospheric Waves
- (4) **Björn Bergsson**, 13:57-14:06, Investigating the Impact of Line-of-Sight Geometry on TEC Signatures of ULF Waves during Sudden Commencements
- (5) **Dong Lin**, 14:06-14:15 Efficiency of Electromagnetic Energy Transfer from Solar Wind to Ionosphere through Magnetospheric Ultra-Low Frequency Waves
- (6) **Richard Eastes**, 14:15-14:24 (online), New, high altitude observations of thermospheric structure from GOLD
- (7) **Xuguang Cai**, 14:24-14:33, Concurrent GOLD and SABER observations of thermosphere composition and temperature responses to the April 23–24, 2023 geomagnetic storm
- (8) **Qingyu Zhu**, 14:33-14:42, Interhemispheric asymmetries in the storm-time neutral density variations through an integrated data-model study.
- (9) **Prasoon Vishwakarma**, 14:42-14:51, Post-Sunset Equatorial Ionization Anomaly (EIA) Variations During a Weak Geomagnetic Activity on 23–24 February 2023.
- (10) **Tianyang Hu**, 14:51-15:00 Large-Scale Traveling Ionospheric Disturbances During May 2024 Mother's Day Superstorm: Ionosonde Observation and MAGE Simulation
- (11) **Haonan Wu**, 15:00-15:09, The wind response to the May storm: A comparative study of standalone and coupled MIT models
- (12) **Zihan Wang**, 15:09-15:18, The May 2024 storm: GITM-SAMI3 simulation results
- (13) **Yongliang Zhang**, 15:18-15:27, Did we really observe the storm-time over-cooling effect in the thermosphere?