



Wednesday

Poster Id Presenter Name

Poster Title

COMP: Comparative Planetary Magnetospheric Processes

1	ABHINAV PRASAD	Statistical Survey of Whistler-Mode Waves in Lunar Plasma Environment
2	Abigail Tadlock	A Case Study of a Magnetosheath Jet at Mars
3	Alec Daly	The Origins of Jupiter: Patchy Aurora
4	Alexander Cushen	Flux Rope Dissipation and Dipolarization Fronts in the Hermean Plasma Sheet: MHD-AEPIC Simulations o
5	Alexandra Roosnov	Assessing Systematic Variation in Jupiter: Ambient Heavy-Ion Plasma During Interchange Events with Juno Observations
6	R. Smith	Modeling Magnetospherically Driven Dawn-Dusk Asymmetries in Jupiter: Ionosphere: Dependance on Pedersen Conductance
7	Chynna Spittler	Juno Observations of Mass Transport in Jupiter's Magnetodisc: A Comparison with GAMERA Simulations
8	David Tonoian	Parametric Regimes of Thin Current Sheets in Planetary Magnetospheres and Solar Wind
9	Domenique Freund	Jovian Drift and Bounce Loss Cone Evolution and Its Impact on Diffuse Auroral Electron Precipitation

CP: The Impact of the Cold Plasma in Magnetospheric Physics

10	Aditi Upadhyay	Statistical Analysis of Storm-Time O+ Outflows from the Night-side auroral zone
11	Bhairavi Apte	A Statistical Study of Warm Plasma Cloak Particles Using Van Allen Probe Data
12	Grace Kwon	Evolution of ionospheric upflow flux during geomagnetic storms
13	Jaden Fitzpatrick	Modeling Plasmasphere Refilling post-Geomagnetic Storm
14	Mark L. Adrian	Origins of Plasmaspheric Plumes: Turbulent Signatures of an Electrostatic Corotation-Convection Shear-Layer Instability
15	Myeong Joon Kim	Case Studies of the Relationship between Pulsating Aurora and Whistler-Mode Chorus Waves

GIC: Understanding the causes of geomagnetic disturbances in geospace for hazard analysis on geomagnetically induced currents

16	Burak Ay	Distributed Array Magnetometer On Complex and Large Spacecrafts (DAMOCLES)
17	Cole J. Dorman	Self-Calibrating Helmholtz-Magnetometer Stability Over Temperature
18	Denny Oliveira	Geoelectric Effects of the May 2024 Superstorm SSC Over Europe
19	Jhanene Heying-Melendrez	Improving a Low-Resource Magnetometer to Enhance Research Quality Magnetic Field Observations From Boom-Less Satellites

KiTS: Kinetic Plasma Processes in the MagnetoTail during Substorm Dynamics

20	Mei-Yun Lin	Unveiling the Moon: Contribution to the Magnetosphere: Impact of Solar Activity and Lunar Position
21	Peter Damiano	Model-data comparisons of electron signatures and energy conversion rates associated with kinetic Alfvén waves in the magnetotail
22	Sanjay Chopuri	Partition of Energy Flux Transport at Bursty Bulk Flows

MDT: Multiscale Dayside Transients and their Effect on Earth's Magnetosphere

23	Chen Shi	Investigating properties of the bow shock reflected ions using 2D local hybrid simulations
24	Hongyang Zhou	Kinetic Processes in the Dayside Magnetosphere: Insights from 2D PIC Simulations with FLEKS
25	Neha Srivastava	Response of the magnetospheric boundaries to the dynamic pressure variations in the Solar Wind : Global MHD Simulation using OpenGGCM
26	Nilay Ghalsasi	MMS Multi-Spacecraft Observations and Analysis of Electrostatic Waves in a Hot Flow Anomaly
27	Xiaolei Li	Signatures of Interplanetary Small Magnetic Flux Ropes Crossing Earth's Bow Shock and Magnetosheath from Global Hybrid Modeling

MESO: Mesoscale drivers of the nightside transition region: ionospheric and magnetotail evaluations

28	Anusree Devanandan	Storm-time characteristics of Bursty Bulk Flows
29	Bharat Kunduri	A new approach to map high-spatial resolution plasma convection using SuperDARN
30	Brendan Powers	Machine Learning Applications for Injection and Bursty Bulk Flow Identification
31	Joel Tibbetts	Simulated Energetic Neutral Atom Imaging of a Modeled Magnetosphere
32	Tien	Mesoscale Structure and Properties of the Terrestrial Magnetotail Plasma Sheet From the Magnetospheric Multiscale Mission
33	Tyler Metivier	Velocity Structure of Dipolarization Events
34	Vivian Cribb	Inner Magnetospheric and Geomagnetic Responses to Solar Wind Driving During Omega Band Events

MPEC: Magnetospheric Sources of Particle Precipitation and Their Role on Electrodynamic Coupling of Magnetosphere-Ionosphere-Thermosphere Systems

35	Anika Dujakovich	Mapping NICER Observations: Temporal and Spatial Patterns of Oxygen Emission Lines Auroral Activity
36	Ari Gottesman	Effects of Physics-Based Auroral Conductance on Magnetospheric Substorm Response in MHD Models
37	Braeden Peterson	Global Features of Scintillations and their Drivers
38	Christian Keenan	Observations of Event-Classified Energetic (> 30 keV) Electron Precipitation Patterns in the Ring Current Region
39	Connor A. Feltman	In situ Hall and Pedersen conductivity during a weak, pre-midnight discrete auroral arc: The ACES-II Twin Rocket Campaign
40	Daniel da Silva	DISCO: Magnetospheric Particle Trajectory Modeling on the GPU
41	Drake Miller III	Energy Analysis of Lightning-Induced Electron Precipitation Detected by REPTile-2 on CIRBE
42	Kenton Greene	In-Situ Evidence of Ionospheric Feedback Instability in an Auroral Arc
43	Liang Wang	Progress on OpenGGCM-GTIM two-way coupling
44	Muhammad Fraz Bashir	Investigating the Drivers of Relativistic Electron Microbursts Using ELFIN Observations
45	Shan Wang	Discontinuous Energetic Electron Precipitations in the Ionospheric Projection in the Vicinity of the Outer Radiation Belt Boundary
46	Shipra	Anomalous Substorm Signatures During Sudden Solar, Wind Pressure Enhancements
47	Waqar Younas	Ionospheric Irregularities and Their Impact on Position Accuracy in the Antarctic Region

Not related to any focus group

48	Waqar Younas	Spatio-Temporal Evolution of Mid-latitude GPS Scintillation and Position Errors During the May 2024
49	Cadin Connor	Characterizing the Lunar Plasma Environment Through Boundary Modeling and In-Situ Data