

Poster Id

Diversity, Equity & Inclusion (DEI)

2	Katherine Davidson	DEI and Outreach efforts from the NSF FTPP consortium
4	Christine Gabrielse	UPLIFT: Engaging Research Leaders of Tomorrow

Magnetosphere - Ionosphere Coupling (MIC)

6	Christine Gabrielse	Mesoscale Contributions to Auroral Energy Deposition and Conductance During the 2013 St. Patrick's Day Storm
8	Gabriel Costanzo	Modeling Nonlinear Processes in EMIC Wave Growth using Hybrid Simulations
10	Aaron West	Multifluid Simulations of the Io-Jupiter Flux Tube
12	Skylar Shaver	Shaping Ionosphere Dynamics: The Impact of IMF Orientation in Induced Magnetospheres
16	Eun-Hwa Kim	Propagation of EMIC waves generated off the equator across hemispheres in the dayside magnetosphere
18	Grace Kwon	Impact of Ionospheric Density Structures on Ion Upflow Flux during the April 2023 Geomagnetic Storm
20	Robert Albarran	Multi-ion Kinetic Modeling of Storm-time Ionospheric Outflows
22	Yulu Peng	Formation of Storm-Enhanced Density during April 2023 Storm Using GITM-SAMI3
24	Bhagyashree Waghule	What Drove GIC spikes > 10A During the 17 March 2013 Storm at Mantsala? Wavelet Analysis, Data Fusion, and MAGE Simulations provide insights
26	Jiayi Zong	Observations of the role of streamer on Growth Phase Arcs
28	Taeho Lim	Ion Cross-Calibration of FAST/TEAMS, Cluster/CODIF, MMS/HPCA, and Van Allen Probes/HOPE
30	Tomi Adewuyi	Network Analysis of SuperMAG Stations and Correlation with Magnetotail Temperature Dynamics.
32	Vivian Cribb	Solar Wind Drivers of Auroral Omega Bands
34	Yining Shi	Space- and Ground-based Observations and Simulation of SAPS During A Weak Storm
36	Ari Gottesman	Assessing Polar Cap Area in Global MHD
38	Wei Zhang	Evolution of the Magnetopause X-line Extent During IMF Southward Turning
40	Gabrielle Nowak	Investigating the Asymmetric Geomagnetic Response Using Arctic and Antarctic Measurements
42	Jenna Burgett	Investigating High-Altitude Neutral Upwelling by Modeling SCIFER-2 Observations
44	Kenton Greene	Evidence of Ionosphere Feedback Instability Near a Discrete Auroral Arc
46	Kosuke Kawakami	Investigation of Perpendicular Ponderomotive Force in Standing Alfvén Wave Structures within the Ionospheric Alfvén Resonator for Elucidating the Formation Process of Auroral Acceleration Regions
48	Ning Kang	Ray tracing modelling of the HF spectrum observed by VIPER sounding rocket
50	Pan Yudi	WACCM Simulation of Chemical Effects Brought by Energetic Electron Precipitation
52	Wyatt Spies	Atmospheric X-ray Imaging Spectrometer (AXIS) Instrument Calibration and Uncertainty Implications for Atmospheric Effects of Precipitation through Energetic X-rays (AEPEX) Cube-Sat Mission Science.
54	Zihan Wang	MHD-AEPIC Simulation of streamers during substorm
56	Daniel Welling	The Magnetospheric Auroral Asymmetry eXplorer: a Mission Concept to Observe Energy Flow Through the Aurora
58	Hsinju Chen	Midnights like this: Ion density variations across altitude and day-night
60	Khilav Majmudar	Applying the long-thin approximation to the Earth's auroral zone
62	Naomi Maruyama	Numerical Simulation of the thermal coupling between the Inner-Magnetosphere, Ionosphere, and Thermosphere
64	Sierra Larson	NASA Space Weather UnderGound (SWUG) Solar Eclipse Study
66	Megha Pandya	Characteristics of the pulsating aurora event observed on 07 January 2014
68	Ruoxian Zhou	Electron Scattering and Precipitation by Oblique Whistler-Mode Waves
70	Sam McKay	Ground Based Whistler Generation for Enhanced Precipitation of Hazardous Radiation Belt Particles
72	Nicholas Bartel	Roles of Ionospheric Conductance in Dominant Modes of Field-Aligned Currents (FAC) Variability

Inner MAGnetosphere (IMAG)

74	Donglai Ma	Excitation of whistler waves by electron transverse anisotropy in a laboratory plasma
----	------------	---

Magnetotail and Plasma Sheet (MPS)

76	Krushna Chandra Barik	Statistical Study of Energy Transport Through Plasma Sheet: A Magnetic Reconnection Approach
78	Muhammad Fraz Bashir	Evolution of Thermal Electron Anisotropy in Magnetotail Current Sheets During Substorm Development
80	Tyler Metivier	Statistical Trends of Dipolarization Propagation Normals and Ion Velocities with MMS

Other

82	Darcy Cordell	Modelling geomagnetically induced currents in the Alberta power grid during large geoelectric events: Influence of non-uniform geoelectric fields and geological structure
84	Kathryn Wilbanks	Multi-model Ensemble Forecasting of Ground Magnetic Perturbations
86	Baylee Kinkade	Exploratory Cluster Analysis of the Near-Lunar Plasma Environment
88	Hongfan Chen	Global Geomagnetic Perturbation Prediction with Quantified Uncertainty using Deep Gaussian Process
90	Lutz Rastaetter	Interactive Model-Data Comparison Capabilities at the CCMC
92	Maya Levisohn	Updates to the Comprehensive Assessment of Models and Events using Library Tools (CAMEL)
94	ABHINAV PRASAD	Statistical Survey of Whistler-Mode Waves in Earth's Lunar Plasma Environment: 11 Years of ARTEMIS Observations
96	Richard Lott	The Time Evolution of Plasma Waves Associated with Magnetic Reconnection in the Dayside Magnetopause and Their Interaction with the Reconnection Process
98	Vivian Palmer	Analysis of Standing Alfvén Waves in the Jovian Plasma Sheet: Insights from Juno Magnetometer Data Across the Dawn to Midnight Sector