Wednesday

Poster Id	Presenter Name	Poster Title
		Not related to any focus group
50	Connor O'Brien	Magnetosheath Control of the Cross Polar Cap Potential
51	Dinesh Radhakrishnan	KHI development between inner LLBL and Magnetosphere on the far flanks as observed by the MMS Mission
52	Dmitri Kondrashov	Subgrid-scale modeling of MHD turbulence
53	Dylan Conner	WVU RockSat-X; Ionospheric Density Profile Analysis from In-Situ Sounding Rocket
54	Erinfolami Funmilayo	Upstream Waves observed in Mercury: Foreshock Region
55	Espen Fredrick	The Propagation Reliability of Geomagnetic Storm Drivers in the OMNI Data: Coronal Mass Ejections and High-Speed Streams
56	Eun-Hwa Kim	High-frequency (HF) wave Propagation in the Small Scale Ionospheric Density Irregularities: Full-wave Simulations
57	Gabrielle Nowak	External Drivers of Interhemispheric Differences in Ground Magnetic Perturbations
58	Ilya Kuzichev	VLF Wave Propagation in the Ionosphere: Effects of Interhemispheric Asymmetry.
59	Jubyaid Uddin	Utilizing Machine Learning for Predicting High Latitude Ionospheric Electrodynamics
60	Larson Scullion	Examining SEP Signatures in Ground-based Riometer Datasets
61	Poshan Belbase	Unveiling the Nature of 3-Second ULF Waves in Earth: Foreshock Region
62	Robert Allen	The AGU Space Physics and Astronomy (SPA) Early Career Leadership Advisory Committee
63	Shane Coyle	AURORA - The AUtonomous Remote Geospace Observation and Research Array
		RBSoS: Radiation Belts as a System of Systems
64	Austin Brenner	Simulation of the Radiation Belts During the Gannon Storm
65	David Hartley	Whistler-Mode Waves Sorted Relative to the Plasmapause Location: A Comparison Between "Hard" and "Soft" Plasmapause Gradients
66	Emmanuel Paz	Analyzing the relativistic electron response varying geomagnetic storm conditions
67	Evan McPherson	Imbalanced Regressive Model of Electron Fluxes in the Earth's Outer Radiation Belt
68	Gabriel Costanzo	Investigation of Electromagnetic Ion Cyclotron (EMIC) Waves in a 3D Nonuniform Plasma
69	Jinbei Huang	Modeling the Outer Radiation Belt Electron Loss using a New MLT-Resolved Drift-Diffusion Model
70	Johannes Sadler	Wave normal angle distributions in quasi-linear diffusion rate calculations
71	Joshua Doucette	The source, loss, and acceleration of ultra-relativistic electrons in Earth: outer radiation belt with numerical simulation and data-driven modeling
72	Julia Claxton	Constraining and Simulating the Rate of Electron Backscatter in Energetic Particle Precipitation
73	Kelly Cantwell	Temporal Variation of Microburst Events with BARREL
74	Lilia Bouayed	Case Studies of Whistler-Mode Chorus Wave-Driven Microbursts
75	Luisa Capannolo	Relativistic Electron Precipitation: Statistical Properties and Drivers
76	Man Hua	Radiation belt electron acceleration inside the plasmasphere
77	Man Hua	Estimating Storm-Time Maximum Fluxes of Outer Radiation Belt Electrons: Combining Van Allen Probes and GPS Satellite Observations
78	Murong Qin	Influence of Dynamic Magnetospheric Shielding on SEP Precipitation and the Resultant Atmospheric Ionization
79	Rosalie Tezak	Statistical Relations Between Pc5 ULF Wave Power and Drift-Periodic Multi-MeV Electron Flux Oscillations in Earth: Outer Radiation Belt
80	Samuel D. Walton	A Quantitative Analysis of Chorus Wave Dynamics Near the Kennel-Petschek Limit
81	William Longley	Determining the global impact of nonlinear wave-particle interactions in the radiation belts
82	Wyatt Spies	The Atmospheric Effects of Precipitation through Energetic X-rays (AEPEX) Mission: How Coded Apertures can Spatially Resolve Energetic Particle Precipitation
103	Sergei Kamaletdinov	Energetic Electron Enhancements from Drift-Orbit Bifurcation
		RX: Magnetic Reconnection: The Key to Understanding Earth's Space Environment
84	(Matheus) Henry Przygocki	Dayside Local Reconnection Rates in global hybrid simulation: Impact of IMF, Probe Methodology, and Resultant Reconnection Configuration
85	Amy Rewoldt	Reconnection potential via Null-based Extraction and Utilization System (RECONEXUS)
86	Fekireselassie Beyene	Earthward-tailward asymmetry of plasma temperature in reconnection outflow in Earth's magnetotail
87	M. Hasan Barbhuiya	Identifying the Growth Phase of Magnetic Reconnection Using Pressure,ÄêStrain Interaction
88	Nolan Tribu	Quantifying Energy Flux across the Dayside Magnetopause using MMS Data
89	Oshina	Kelvin Helmholtz Instability in MMS observations and MAGE-MHD modelling
90	Robert Strangeway	The TRACERS Fluxgate Magnetometer (MAG) Instrument
91	Rushikesh Patil	Power Dissipation in Electron-Scale Magnetic holes
92	Talha Arshad	Exploring the onset of reconnection during substorms using AMR-PIC
93	XINMIN Li	Observation of a Knotted Electron Diffusion Region in Terrestrial Magnetotail Reconnection
		SCIMM: Self-Consistent Inner Magnetospheric Modeling
94	Donglai Ma	Excitation of whistler-mode waves by an electron temperature anisotropy in a laboratory plasma
95	Emile Saint-Girons	Statistical Relationship Between Electron Flux and Resonant Chorus Wave Power Near the Flux Limit
96	Greg Riggs	Statistical ULF Wave Latitude Distribution: A Key to Understanding Off-Equatorial Radiation Belt Electron Radial Diffusion
97	Huayue Chen	Nonlinear Proton Dynamics in the Formation of Rising-Tone EMIC Wave Subpackets
98	Huayue Chen	Nonlinear Particle Dynamics and Excitation Mechanisms of Falling-Tone Chorus Waves
99	Qianli Ma	Large Amplitude Chorus Wave Distributions Revealed from Van Allen Probes Waveform Data
100	Qusai Al Shidi	Developing a Sampling Strategy for a Neutral Gas Mixture of O, O2 and N2 for Collisional Cross-Secti
101	Ripoll	Kelvin-Helmholtz Instabilities for compressible magnetized plasmas in the magnetosphere and laser experiments
102	Rui Chen	A Comparative Study of the Differential Deep Penetration of Energetic Electrons, Protons, and Heavy Ions into the Low-L Region