Thursday

Poster Id	Presenter Name	Poster Title
Solar Wind - Magnetosphere Interaction (SWMI)		
53	Krishna Khanal	Spatial extent of dayside magnetopause reconnection
54	Alexander Lukin	Stochastic differential equations for wave-particle resonant interactions
55	Wei Zhang	Evolution of Mesoscale Convection in the Dayside Cusp
56	Terry Liu	Field-aligned anisotropy of magnetosheath ions and its contribution to foreshock ions
57	Jingxuan Li	Global survey of whistler mode waves in the Earth’s magnetosheath using THEMIS observations
58	Luke Francis	Historical Overview and Outlook of Substorm Onset Problem
59	CHIH-PING WANG	Impact of an interplanetary shock on the polar-cap outflow: Cluster events
60	Simone Di Matteo	Inferred 3D Size Scales of Solar Wind Periodic Density Structures and Impact on Earth's Magnetosphere
61	Xi Lu	Interaction between the bow shock and a solar wind density hole
62	Neha Srivastava	Interaction of the Solar Wind tangential discontinuities with the Bow Shock : OpenGGCM Simulations
63	Mike Coughlan	Interpretable Forecasting of Ground Magnetic Perturbation Spikes at Mid-Latitude Stations
64	Pauline Marie Dredger	Investigating the effect of interhemispheric asymmetries on model prediction of magnetopause crossing by spacecraft
65	Jake Montgomery	Investigating the Occurrence of Kelvin-Helmholtz Instabilities at Jupiter's Dawn Magnetopause
66	Stephanie Colón Rodríguez	Ion Composition Study at Earth’s Outer Magnetosphere: Wind Spacecraft Measurements
67	Hee-Eun Kim	Ions at the Transition Region of the Earth’s Bow Shock Observed by MMS
68	Emily Owen McDougall	Magnetic Reconnection across Current Sheets as a Model for Discrepancies in Magnetosheath Energetic Ion Flux Using PVI
69	Weijie Sun	Mercury's magnetosphere under a CME impact and its comparisons with Earth's magnetosphere
70	Galina I Korotova	Multipoint observations of compressional Pc5 pulsations in the dawn side magnetosphere: A case study
71	Simon Wing	Multispacecraft observations of the simultaneous occurrence of magnetic reconnection at high and low latitudes during the passage of a solar wind rotational discontinuity embedded in the April 9-11, 2015 ICME
72	Connor	PRIME: Probabilistic Solar Wind Propagation
73	Kun Zhang	Probing the Foreshock Wave Boundary with Single Spacecraft Techniques
74	Haoming Liang	Scaling of the Asymmetric Magnetic Reconnection Rate with Out-of-Plane (Guide) Magnetic Field
75	Nicholas Jones	Shock-driven EMIC wave occurrences
76	Youra Shin	Small-scale Magnetic Flux Ropes in the Solar Wind and Their Effect on M-I Coupling Process
77	Xiaofei Shi	Electron resonant interactions with whistler-mode waves around the Earth's bow shock
78	Yu-Lun Liou	Statistical Study of the Energetic Electron Microinjections at the High-latitude Magnetosphere
79	Christian Lao	Evaluating the association of substorm onset identification methods
80	Tsige Atilaw	Storm-Time Magnetospheric Magnetic Dynamics
81	Chuanfei Dong	Ten-Moment Multifluid Modeling of the Dynamic Magnetospheres of Mercury, Earth, Uranus Psyche, and Ganymede
82	Kun Zhang	The Early-phase Growth of ULF Waves in the Ion Foreshock observed in a Hybrid-Vlasov Simulation
83	Matti Ala-Lahti	The impact of solar wind ULF fluctuations on space weather
84	Amy Rewoldt	Unambiguously Obtaining Reconnection Potential from Geoeffective Length
85	Dylan Conner	Venusian DC Electric Fields using PSP; A Look into Different Sources and their Errors
86	Anika Dujakovich	X-ray imaging of oxygen ions and ion outflow from the NICER mission
87	Dinesh Radhakrishnan	A Comparison of Magnetopause Characteristics at different stages of Kelvin Helmholtz Instabilities: A Preliminary Statistical Study
Other		
38	Adam Michael	CGS: Cross-Scale Modeling of Radiation Belt Variability in combined global MHD and Test Particle Simulations
39	Shin Ohtani	CGS: Storm & Substorm Current Systems
88	Steven Heuer	Calculating the reconnection rate for guide field reconnection using magnetic field gradients
89	Juan Munoz Jr	Comparing Electron Conics at Earth and Jupiter Utilizing Juno Data From Science Orbits 01-44
90	Jiashu	ELFIN's fluxgate magnetometer data and calibration
91	Alex Hoffmann	Enabling Boomless CubeSat Magnetic Field Measurements with the Quad-Mag Magnetometer and an Improved Underdetermined Blind Source Separation Algorithm
92	Alain Brizard	Hamiltonian Formulations of Quasilinear Theory for Magnetized Plasmas
94	Dominic Payne	Influence of Embedded Current Sheets on the Timing of Reconnection Onset
95	Justin Bowman	LIEFSI: Delving into Space Electric Fields in the Lab
96	Jaya Joseph	Occurrence of ECH waves in Jovian magnetosphere: comparison with Earth and Saturn
97	Austin Cohen	A New Magnetometer Deployment Vessel Designed to Meet Alaska Specific Challenges
98	Abhiraj Majumder	Testing the limits of heavy ion outflow
99	Keith Vidal	The propagation and coherency of whistler mode chorus waves to higher magnetic latitudes
100	Kristina Collins	Toward Exploring the Magnetosphere With Sonification, Mixed Reality, and VR
101	Conrad Meyer-Reed	Unveiling the effects of the Galilean moons on whistler mode waves and energetic particles at Jupiter
102	James Edmond	Using Multi-Stage Unsupervised Clustering to Automatically Separate Plasma Regions in the Dayside Magnetosphere
103	Abhinav Prasad	Whistler-mode wave generation in the lunar space during interplanetary shock events