



Poster Id	Presenter Name	Poster Title
Inner MAGnetosphere (IMAG)		
1	Kalvyn Adams	"Turnover in Gleissberg Cycle Dependence of Inner Zone Proton Flux."
2	Samuel D Walton	10s-100s keV Electron Injections Below the Inner Radiation Belt
3	Tyler Bishop	A Look at the Spatial and Temporal Evolution of the Plasmasphere using Van Allen Probes Data
4	Solene Lejosne	A New Stochastic Radiation Belt Model that Resolves the Drift Phase
5	Jasmine Kaur Sandhu	A Three-Dimensional Field Line Resonance at a Plasmaspheric Plume
6	Jiabei He	Association of relativistic microbursts duration with chorus wave properties
7	Kelly Cantwell	BARREL Observations of Dual-Component Microburst Events
8	Xu Liu	Bi-ion Hybrid Resonant Frequency Observation and Ion Concentration Evaluation
9	Dmytro Sydorenko	Calculation of anomalous UV emission caused by conjugate photoelectrons
10	Sergio Vidal-Luengo	Characterization of Relativistic Electron Precipitation Events Observed by the CALET Experiment Using Self-Organizing-Maps
11	Domenique Freund	Contribution of Precipitation Losses to Radiation Belt Dropouts
12	Justin Holmes	Energy Conservation in Magnetospheric Ray Tracing Models
13	Sheng Huang	Deep Learning Model of Hiss Waves in the Plasmasphere and Plumes and Their Effects on Radiation Belt Electrons
14	Man Hua	Dependence of electron flux dropouts in the Earth's outer radiation belt on energy and driving parameters
15	Justin Holmes	Structure of Mixed-Obliquity Chorus Wave Populations
16	Will Teague	Developing the High-Energy-Resolution Relativistic Electron Telescope (HERT) for Investigating Radial Diffusion and Local Acceleration in the Outer Radiation Belt
17	Xiangning Chu	Distribution and evolution of whistler-mode chorus waves modeled by a neural network
18	Myeong Joon Kim	Investigation of Warm (~ 100 eV) Ions Heating Inside the Plasmaspheric Plume Observed by MMS
19	Muhammad Fraz Bashir	Electron anisotropic population in the thin current sheets during the substorm growth phase
20	Alex Shane	Electron Lifetimes Measured at LEO: Comparison with RBSP Estimates and Pitch Angle Resolved Lifetimes
21	Longzhi Gan	Electron Precipitation by Intense Chorus Waves: Combined Effects of Anomalous Trapping and Phase Bunching
22	Bernhard Haas	Data-assimilative electron ring current simulations using multi-spacecraft observations
23	Ning Kang	Global distribution of chorus wave induced relativistic microburst spatial scale size
24	Pedro Oliveira Carvalho da Silva	Going beyond H ⁺ and O ⁺ : a multi fluid approach to modeling N ⁺ in the ring current
25	Gabriel Costanzo	Hybrid Simulations of Electromagnetic Ion Cyclotron (EMIC) Waves
26	Ethan Tsai	Inferring the latitudinal spread of whistler-mode waves along field lines using electron precipitation measurements
27	Yangyang Shen	Inner Belt Wisp Precipitation Measured by ELFIND: Regimes of Energetic Electron Scattering by VLF Transmitter Waves
28	Yiwen Zhu	Investigation of Injections into Geosynchronous Orbit During Substorms using MAGE Model.
29	Donglai Ma	Earth's radiation belt: from machine learning to physical understanding
30	Suhail Aldhurais	K2: Simulation of Radiation Belt Wave-Particle Interactions in an MHD-Particle Framework
31	Xiao-Chen Shen	Large-Amplitude Whistler Properties in Plasmasphere and Plumes
32	Adnane Osmane	Linear, Quasi-Linear and Nonlinear Radial Transport by ULF waves in the Earth's Radiation Belts
33	Rachael Filwett	LOBSTR: A Mission Concept Study for Radiation Belt Particle Physics
34	Zijin Zhang	Long-term relativistic electron losses by EMIC waves: competition with acceleration by whistlers and plasma injections
35	Daniel da Silva	Model Dependence of Adiabatic Invariant Calculation for Radiation Belt Dynamics
36	Ning Kang	Ray tracing reconstruction of VIPER radio experiment result
37	Bernhard Haas	Modeling Loss Cone Flux without Pitch Angle Diffusion
38	Jinbei Huang	Modeling the Effects of Drift Orbit Bifurcation on the Magnetopause Shadowing Loss of Radiation Belt Electrons
39	Xingzhi Lyu	Modeling the Simultaneous Dropout of Energetic Electrons and Protons by Magnetopause Shadowing
40	Liwei Chen	Muti Conjugate Event Studies of Plasma and Field Variations in the Source Region of Substorm Auroral Brightening in the Inner Magnetosphere
41	Murong Qin	New Global Survey of Energetic Electron Precipitation at Low Earth Orbit Observed by ELFIND
42	Xin An	Nonresonant scattering of energetic electrons by electromagnetic ion cyclotron waves: spacecraft observations and theoretical framework
43	Konstantin Gamayunov	O ⁺ Heating by the He ⁻ band EMIC Waves Observed by Van Allen Probe-A on 18 November, 2015
44	Shujie Gu	Observational Properties of Harmonic EMIC waves: Statistical Study
45	Declan O'Brien	Observations of Low L (1 MeV Electron Flux Enhancements and 90° Minimum Pitch Angle Distributions During Strong Geomagnetic Storms
46	Colin Wilkins	Occurrence and Precipitating Energy Flux Associated with Electron Isotropy Boundaries
47	Yang Mei	On the spatial and temporal energy-dependence of the deep ($L < 3$) penetration of outer radiation belt electrons and protons
48	Oliver Allanson	On the validity of quasilinear theory as a function of pitch-angle, wave amplitude and coherency
49	Brianna Isola	Particle dynamics derived from a data-driven model of the inner magnetospheric electric field
50	Alec Daly	Plasma Wave and Particle Dynamics During Interchange Events in the Jovian Magnetosphere Using Juno Observations
51	Dominique 'Nique' Stumbaugh	Predicting Equatorial Electron Flux Measurements from LEO
52	Wenyao Gu	Propagation of very oblique chorus waves near plasmaspheric plume boundary