R006：磁気圏 (Magnetosphere)

	発表時間	タイトル (Title)	主著者 (First Author)	
B会場：11/26　PM2（14:50-16:20）				
1	14:50 - 15:05	Origin and structure of the LLBL elucidated by the global simulation	Takashi	Tanaka
2	15:05 - 15:20	Stationarity, space charge distribution, and energy transfer in the quasi-steady magnetospheric convection electric field	Yusuke	Ebihara
3	15:20 - 15:35	Current structures from magnetic field configurations in Mercury's nightside magnetosphere	Takuro	Ogawa
4	15:35 - 15:50	Kaguya observations of potential electron-only magnetic reconnection signatures on the lunar mini-magnetosphere	Kohei	Ogino
5	15:50 - 16:05	Estimation of a spurious electric field arising from spacecraft charging and photoelectron cloud using PWE/EFD onboard ARASE	Tsubasa	Konno
6	16:05 - 16:20	Correlation of spacecraft potential to the latest electron density data observed by Arase	Keiya	KAWAGATA
B会場：11/26　PM3（16:40-18:25）				
1	16:40 - 16:55	Observation of rotational temperature meridian distribution of N{sub}2{/sub} 1PG using hyperspectral camera (HySCAI)	Katsumi	Ida
2	16:55 - 17:10	Space plasma precipitation and repelling processes by field-aligned electrostatic potential in auroral arc and hole	Masafumi	HIRAHARA
3	17:10 - 17:25	Temporal evolution of low-energy electron precipitation in longitudinally elongated moving cusp auroras	Kazuki	Yashima
4	17:25 - 17:40	Conjugate Observations of Faint Diffuse Emission at Subauroral Latitudes Using Arase and Ground Cameras: Multiple Event Analysis	Masaki	Gomi
5	17:40 - 17:55	Phase Mixing and Formation of Low Plasma Density Region by Nonlinear Ampere Force: Implication for IAWs Development	Kosuke	KAWAKAMI
6	17:55 - 18:10	Pulsating aurora electrons observed by LAMP sounding rocket	Taisei	NODA
7	18:10 - 18:25	Event Analysis of Chorus-Wave-Induced Electrons with LEO Satellite Surface Charging Using Arase and DMSP Satellite Data	Daichi	Araki

B会場：11/27　AM1（9:15-10:45）

1	9:15 - 9:30	Nonlinear Evolution of Wave Packets of EMIC Rising-tone Emissions	Yoshiharu	Omura
2	9:30 - 9:45	Observational evidence of nonlinear growth of whistler-mode waves in foreshock structures obtained by the MMS spacecraft	Naritoshi	Kitamura
3	9:45 - 10:00	Characteristics of the low-frequency magnetic field variations coincided with whistler chorus observed by Arase	Ayako	Matsuoka
4	10:00 - 10:15	ULF-Modulated Whistler Mode Wave and Electron Precipitation Observed by EISCAT and Arase	Kohki	Tachi
5	10:15 - 10:30	Direct Evaluation of the Inhomogeneity Parameter as Evidence of Nonlinearity in Chorus Wave?Induced Electron Acceleration	Seiya	Tokuda
6	10:30 - 10:45	Lightning-Generated Whistler wave coupling and its effects on electrons in the inner magnetosphere using ERG and WWLLN	Ryosuke	Ui

B会場：11/27　AM2（11:05-12:35）

1	11:05 - 11:20	Development of a CubeSat Electron Measurement Technology for Observing Ducted Wave-Particle Interactions in Low Earth Orbit	Toshinori	TANAKA
2	11:20 - 11:35	Development of a Time-Series-Based Software for Sferic Noise Removal in Magnetospheric ELF/VLF Wave Analysis	Yuto	Ito
3	11:35 - 11:50	Hardness of precipitating particle energy spectrum revealed by spectral riometer: May 2024 storm event	Tomotaka	Tanaka
4	11:50 - 12:05	Statistics and propagation of unusual ‘high frequency' VLF bursty-patches from multi-point observations	Claudia	Martinez-Calderon
5	12:05 - 12:20	Global CNA response to a magnetic storm: a simulation study	Yoshizumi	Miyoshi
6	12:20 - 12:35	ULF wave radial diffusion of radiation belt electrons during the May 2024 super geomagnetic storm	Kazuhiro	Yamamoto

B会場：11/27　PM1（13:45-15:45）

1	13:45 - 14:00	Influence of the Weak Intrinsic Magnetic Field on the Development of Magnetic Storms Based on Global Drift-Kinetic Simulations	Kazuhiro	Osada
2	14:00 - 14:15	Spacecraft charging of the Arase (ERG) satellite	Yumika	SUE
3	14:15 - 14:30	Long-term Variations of He++ Ions in the Inner Magnetosphere: Observations by Arase LEP-i	Yui	Nishida

4	14:30 - 14:45	Geocoronal atomic hydrogen number density: Estimation using energetic ions observed by the Arase satellite	Akimasa	Ieda
5	14:45 - 15:00	Slow recovery of the plasmaspheric electron density during the May and October 2024 severe geomagnetic storms	Atsuki	Shinbori
6	15:00 - 15:15	Development of ion energy-mass spectrometer “ULTIMA" for suprathermal ion observations.	Kohei	Takeuchi
7	15:15 - 15:30	Ionospheric Joule heating and neutral density variations at low Earth orbits during geomagnetic storms	Heikki	Vanhamaki
8	15:30 - 15:45	Status of GEO-X mission	Yuichiro	Ezoe

ポスター1：11/25　AM1/AM2（9:15-12:35）

1	Solar Activity Dependence of Micro Type III Solar Radio Bursts Based on Long-term GEOTAIL Observations	Takemaru	Kato
2	Signatures of energetic electron precipitation observed with OCTAVE VLF/LF transmitter signals	Kakeru	YOSHII
3	The correlation between the luminosity variation of pulsating aurora and energy spectra of precipitating electrons	Masaya	HIRANO
4	Statistical study of pulsating auroral types and high-latitude chorus waves based on Arase?ground conjugate observations	Yuri	ITO
5	Categorization of the Factors of Loss Cone Electron Input in Higher-Latitude Regions of the Inner Magnetosphere	Rino	TAKAHARA
6	Short-term and long-term energetic electron precipitation induced by whistler-mode chorus waves	YIKAI	HSIEH
7	Empirical wave power models of whistler-mode chorus waves deduced from the Arase observation	Satoshi	Kurita
8	Characteristics of whistler-mode waves that generate electrostatic emissions observed by the Arase satellite	Towa	Yoshida
9	Statistical analysis of the isolated electrostatic potentials in the inner magnetosphere	Yui	FUJITA
10	Statistical analysis of low-frequency components of Broadband Electrostatic Noise observed by ARASE	Tsuyoshi	Kanetake
11	Effect of the Background Magnetic-Field Geometry on the Dispersion Relation in Cold-Plasma Using a Local Field-Aligned Frame	Ko	ISONO
12	A Case Study of EMIC Waves Observed During an Injection Event in Jupiter's Magnetosphere Based on Juno's Observation	Tomofumi	Noguchi
13	Statistical properties of the distribution of EMIC waves in the magnetosphere observed by the Cluster satellite in 2011-2022	Miyashita	Shunuske
14	EMIC Waves in the Magnetosphere: Attempts to Derive Ion Composition Using Polarization Analysis by the Arase Satellite	Riku	Kikuchi

15	Study on the Propagation Characteristics of the EMIC Waves Observed at Multiple Points using ray tracing	Yui	Umezawa
16	Statistical Study of High-Frequency EMIC Waves with the Arase Satellite	Takahito	Shikimori
17	Discovery of hidden EMIC wave branches: Evidence of molecular and metallic ion contributions in the inner magnetosphere	ChaeWoo	Jun
18	Modulation of Lower Hybrid and ECH Waves by ULF Waves in the Earth's Magnetosphere	Li	Li
19	Analysis of characteristic low-frequency waves observed by the scientific satellite Arase	Soga	Shishino
20	Analysis of Narrowband Low-Frequency Waveforms Observed by the Scientific Satellite ARASE	Masaya	Miura
21	Power Line Harmonic Radiation Observed by the PWING Network	Kristyna	Drastichova
22	Two-dimensional distribution of the plasma density obtained by applying the DTFT to the FLR data from SuperDARN radars	Hideaki	KAWANO
23	Quarter-Wave Resonances: Coordinated Observations by SuperDARN, Magnetometers, and Arase	Yuki	Obana
24	Recurrent Tailward Propagation of Auroral Arcs Driven by Kelvin-Helmholtz Instabilities	Hyangpyo	Kim
25	Non-uniform excitation of storm-time Pc5 ULF waves in the inner magnetosphere: Van Allen Probes and Arase observations	Tomotsugu	YAMAKAWA
26	Observational study of kinetic Alfv?n waves in the mid-latitude magnetosphere using the Arase satellite	Koseki	Saito
27	Gyrokinetic and reduced simulations of the feedback M-I coupling in dipole configuration	Tomohiko	Watanabe
28	The visualization experiment for extracting eigenvalue of MHD system velocity Jacobian from large-scale M-I coupling simulation	Shinnosuke	Saito
29	Analysis of the Spatial Distribution Characteristics of Pi2 Geomagnetic Pulsations on the Dusk Side	Yuka	HIGASHINE
30	Estimation of outflow ratios of various ions during magnetic storms based on Arase satellite observations	Hyota	KAIEDA
31	Gradual and sudden energization of outflowing oxygen ions near the high-latitude magnetopause	Haruto	Koike
32	First evidence of field line curvature scattering effect on heavy ion species: property of isotropic distribution boundaries	Shun	IMAJO
33	Estimation of spurious sunward electric field observed by double probes onboard Arase and Geotail	Tomoko	Nakagawa
34	A Machine Learning Approach for Improving UHR Frequency Determination in the Inner Magnetosphere	Takumi	Sado
35	Recent updates of Level-2/-3 datasets of the LEPe instrument on the Arase satellite	Yoichi	Kazama
36	Spatio-temporal evolution of electron phase space density in the radiation belt-plasma sheet transition region during substorm	Yuki	OTA

37	MeV electrons observed at near-Earth plasma sheet boundary	Iku	Shinohara
38	Characteristics of high-energy electron precipitation before and after substorm using riometer	Ayaka	OOYAMA
39	Understanding the Magnetosphere-ionosphere coupling during two low latitude auroras on 28 February 2023 and 24 April 2023	Manu	Varghese
40	Observation of Fine Structures in Diffuse Aurora with a High-Spatial-Resolution Camera: Manifestation of Secondary Instabilities	Yusuke	SANO
41	Fine-scale visualization of initial development of auroral beads :Multi-event analysis using a high-spatial-resolution camera	Sana	AKIMOTO
42	Estimation of the horizontal distribution of the precipitating electron energy spectrum using EISCAT_3D radar	Mizuki	Fukizawa
43	Long-term Statistical Analysis of Auroral Kilometric Radiation Observed by Geotail: Applied Automated Detection Technique	Haruto	Yamanaka
44	Retitive occurence of Polar Rain Aurora Across the Solar Cycle	MUTSUKI	NISHIZAWA
45	Occurrence Characteristics of Quasi-Co-rotating Auroras Observed at Syowa Station, Antarctica, during 2023?2024	Yukino	Sato
46	Spatiotemporal Evolution of the Storm-Time Ring Current Inferred from Low-Latitude Geomagnetic Observations	Kunihiro	Keika
47	Observation of the Earth's Plasmasphere in Extreme Ultraviolet by PHOENIX onboard EQUULEUS	Masaki	KUWABARA
48	Statistical Analysis of Substorm-Associated Deformations of the Equatorial Tail Magnetopause Observed by Satellites	Ryota	Nakamura
49	Observation of the west-shift of the South Atlantic Anomaly with using geomagnetic data from MGF on board the Arase Satellite	Taiki	Hisada
50	Clustering Analysis and Extraction of Representative Field-Aligned Current Patterns Using AMPERE Data	Dai	Ikemoto
51	Estimation of Auroral Currents in Ultracool Dwarfs Based on 3D Global Magnetohydrodynamic Simulations	Ryota	HARA
52	Large-scale FAC pattern and SW-M-I coupling 2	Aoi	Nakamizo
53	Hybrid particle simulation for ions dynamics in Mercury's inner magnetosphere	Toramaru	TAKAMURA
54	Interaction between topology and plasma dynamics of the solar wind-magnetosphere system in the northward IMF conditions (2)	Shigeru	Fujita
55	Interlinkage of closed and interplanetary magnetic flux in the magnetotail during northward interplanetary magnetic field periods	Masakazu	WATANABE

56	Design and development of visible and far ultraviolet auroral imagers for the future satellite mission FACTORS	Takeshi	Sakanoi
57	Evaluation of input-output frequency characteristics for digital-type fluxgate magnetometer	Hayato	Tanaka
58	Development of an electric field measurement system in space plasmas using a preamplifier based on a floating power supply	Keita	TANAKA
59	Development of a Compact and Low-Power Plasma Wave Receiver Compatible with CubeSat Platforms	Takahiro	Zushi
60	Development of Radiation Monitor for Space weather measuring Electrons (RMS-e) for Himawari-10	Taku	Namekawa
61	Development of a General-Purpose High-Speed Analog Front-End ASIC for Plasma Particle Instruments on board Satellites	Shimon	TAKAHASHI
62	Concept design of high-sensitive high-energy electron analyzer using position sensitive semiconductor detectors	Takefumi	Mitani