

R010：宇宙天気・宇宙気候 ～観測、シミュレーション、その融合～ (Space Weather/Space Climate)

発表時間	タイトル (Title)		主著者 (First Author)	
B会場：11/24 PM2 (16:05-18:05)				
1 16:05 - 16:20	Feasibility Study of Solar Flare Prediction Using Observational Data-Driven MHD Simulations		Takafumi	Kaneko
2 16:20 - 16:35	Mass Contribution to Coronal Mass Ejections(CMEs) from Plasma Flow in Dimming Regions		Yuto	Hiraoka
3 16:35 - 16:50	Empirical Optimization of the Source-Surface Height in the PFSS extrapolation		Munehito	Shoda
4 16:50 - 17:05	The effect of the radial profile of flux-tube shape on solar wind speed		Kyogo	TOKORO
5 17:05 - 17:20	Development of a Data Archive for the SUSANOO-SW Model and Its Applications		Shota	Chiba
6 17:20 - 17:35	Real time monitoring of the rigidity spectrum of Forbush decreases using neutron monitor and muon detector at Syowa Station		Yuki	HAYASHI
7 17:35 - 17:50	Upgrading the Cosmic-Ray Muon Observation System and the Iceland Deployment Plan		Masayoshi	Kozai
B会場：11/25 AM1 (9:15-10:45)				
1 9:15 - 9:30	Modeling of plasma environment for spacecraft surface charging analysis in the inner magnetosphere		Masao	Nakamura
2 9:30 - 9:45	Identification of auroral emission altitudes associated with relativistic electron precipitation events observed by ISS-CALET		KYUTARO	YANAGISAWA
3 9:45 - 10:00	Three-dimensional structure and causality of global ionospheric currents triggered by Region-1 FAC		Takuya	Ijuin
4 10:00 - 10:15	Ionospheric convection associated with low-latitude auroras ? dependence on geomagnetic activity		Nozomu	Nishitani
5 10:15 - 10:30	Subauroral Joule-heat estimate using SuperDARN data assimilation via AI emulator of REPPU global MHD simulation		Ryuhō	Kataoka
6 10:30 - 10:45	Impacts of Large-Scale Ionospheric Disturbances on High-Precision GNSS Positioning During Solar Maximum		Satoshi	Fujiwara
B会場：11/25 AM2 (11:05-12:35)				
1 11:05 - 11:20	Impact of ionospheric disturbances on next generation SBAS broadcast from QZSS in the Arctic		Toru	TAKAHASHI

2	11:20 - 11:35	Enhancement of ionospheric sporadic E layer during May 2025 super magnetic storm: global distribution and mechanisms	Huixin	Liu
3	11:35 - 11:50	Lower Thermospheric Response to the Severe Geomagnetic Storm during October 2024 Revealed by X-ray Observations	Satoru	Katsuda
4	11:50 - 12:05	Effects of Large-Scale Space Weather on the Earth's Upper Atmosphere from Satellite Orbital Changes	Hayato	Tanaka
5	12:05 - 12:30	Space weather forecast operation: current status and future developments	Yuki	Kubo

B会場 : 11/25 PM1 (13:45-15:45)

1	13:45 - 14:00	New space weather alert considering social impact and space weather information usage guideline	Takuya	TSUGAWA
2	14:00 - 14:15	Prediction of the Dst index using Physics-Informed Neural Networks	Tsuyoshi	Nishino
3	14:15 - 14:30	The extreme solar and geomagnetic storms in February 1872 and their terrestrial impacts	Hisashi	Hayakawa
4	14:30 - 14:45	Statistical analysis of blackout prediction parameters using ionosondes	Shinnosuke	Kitajima
5	14:45 - 15:00	Challenge to establish global ground-based observation community	Mamoru	Ishii
6	15:00 - 15:25	Education of Observation and Data Processing with a Digital Image-Recording Soda Bottle Magnetometer	Shun	IMAJO

ポスター3 : 11/26 PM2/PM3 (14:50-18:25)

1	Variations of intensity profiles of SEP in the inner heliosphere using multi-point in-situ observations	Gaku	Kinoshita
2	Geomagnetic Response to Solar X-ray and EUV Emissions during Major Flares from 2010 to 2014	Ryosuke	OKUBO
3	Performance evaluation of deep-learning-based modeling of solar coronal magnetic field	Kodai	YOKOYA
4	Solar microwave spectral observations using the Yokosuka Radio Polarimeter : Initial Findings	Kogaku	Kitayama
5	Magnetosphere/Ionosphere Responses to a Negative Solar Wind Dynamic Pressure Pulse Event: Global Modeling and Observations	GEETASHREE	KAKOTI
6	Understanding the role of EMIC wave-particle interactions in driving westward ion drifts in the dusk-side sub auroral ionosphere	Shreedevi Radhakrishna	Porunakatu
7	Effects of Ionospheric Disturbances on GNSS Positioning Errors during the Geomagnetic Storm on May 2024	Kyosei	Nakamura
8	Installation of an RTK-GNSS base station and initial results of RTK positioning	YUKINOBU	KOYAMA

9	SENSU Syowa SuperDARN JARE65/66 2024-2025 reports and its future plan towards phase XI Japanese Antarctic Project	Akira Sessai	Yukimatu
10	Verification of SBAS ionospheric correction by using a 3-D ionospheric tomography	Susumu	SAITO
11	Evaluation of Directive-Based GPU Implementation for an Atmospheric General Circulation Model	Shoji	Sakoda
12	Development of a Python Interface for Code-To-Code Adapter Library	Keiichiro	FUKAZA WA
13	Update of a real-time prediction system of CME arrival with ensemble SUSANOO-CME simulation using GOES-CCOR data	Daikou	SHIOTA
14	Forecast of CIR-driven geomagnetic storms using the deep neural networks	Naoko	Takahashi
15	Development status of RMS and discussion of anomaly risk estimation method using real-time RMS data	Shinji	SAITO
16	Development of Ultra-Compact and Low-Power Space Radiation Environment Measurement Technologies for Lunar Environment	Yoshizumi	Miyoshi
17	Study on Indicators and Thresholds for Space Weather Phenomena (Telecommunications and Broadcasting Sector)	Hidekatsu	Jin
18	Zekkei HOSHIZORA Project: Contributing to the community and citizen science through low-latitude aurora observation in Hokkaido	Kiyoka	Murase
19	Development and Implementation of Student Experiments Using Solar Wind Data	Akihiro	IKEDA