

R011：データシステム科学（Data System Science）

発表時間	タイトル (Title)		主著者 (First Author)	
C会場：11/24 PM1 (13:45-15:45)				
1 13:45 - 14:15	A Japanese research data repository: GRANTS Data's Challenge		kenichi	sumimoto
2 14:15 - 14:30	Metadata conversion and registration in institutional repositories to improve the visibility and findability of research data		Atsuki	Shinbori
3 14:30 - 14:45	Efforts to promote the sharing and circulation of research data in Kyushu University		Shuji	Abe
4 14:45 - 15:00	A study on the effects of noise in the imaging process for the SuperDARN Hokkaido East radar		Shota	Hayamizu
5 15:00 - 15:15	Weibull-Gaussian Process Regression Modeling of Orbital Lifetime for 1U CubeSats Released from the ISS with Solar Cycle Effects		Akiko	Fujimoto
6 15:15 - 15:30	Application of Symbolic Regression to Solar-Terrestrial Physics Data		Masahito	Nose
7 15:30 - 15:45	Explainable machine learning of the dark count observed by an Earth-orbiting UV telescope		Ryoichi	Koga
C会場：11/24 PM2 (16:05-18:05)				
1 16:05 - 16:35	Data Systems of JAXA's Earth Observation Satellites and their Evolution		Misako	Kachi
2 16:35 - 16:50	Database for scanned daily plots of Toyokawa Radio Polarimeters and estimation of the size of past large solar flares		Satoshi	Masuda
3 16:50 - 17:05	Current status and challenges for data utilization at Kakioka Magnetic Observatory		Seiki	Asari
4 17:05 - 17:20	Development of an integrated data archive for the BepiColombo/MMO satellite		Tomoaki	Hori
5 17:20 - 17:35	Latest status of the data management of the SuperDARN network (2025)		Nozomu	Nishitani
6 17:35 - 17:50	Development Status of an Online Integrated Research Platform for Large-Scale Data Analysis of EISCAT_3D		Taishi	Hashimoto
7 17:50 - 18:05	COMPASS: An IIIF-based Portal for Over 1.3 Million Historical Magnetogram Records		Shun	IMAJO
C会場：11/25 AM1 (9:15-10:45)				
1 9:15 - 9:45	FAIR Principles and Generative AI		Asanobu	Kitamoto

2	9:45 - 10:00	Future perspective of scholarly information objects connected to research data	Yasuhiro	Murayama
3	10:00 - 10:15	Report of WDS Asa-Oceania Conference 2025	Takashi	Watanabe
4	10:15 - 10:30	Humanosphere Database in RISH, Kyoto University	Hiroyuki	Hashiguchi
5	10:30 - 10:45	Overview and Future Directions of World Data Center for Ionosphere and Space Weather	Hidekatsu	Jin

C会場：11/25 AM2 (11:05-12:35)

1	11:05 - 11:35	Deep learning modeling based on the feature compression in solar atmospheric observation	Yusuke	Iida
2	11:35 - 11:50	A novel reconstruction method of auroral electron flux using neural network	Yoshimasa	Tanaka
3	11:50 - 12:05	Using recurrent neural networks trained by Kalman filter to produce geomagnetic secular variation/acceleration forecasts	Sho	Sato
4	12:05 - 12:20	Development of an Automatic Detection System for Spacecraft Surface Charging Using CNNs and Investigation of Plasma Environment	HAYATO	MASUNO
5	12:20 - 12:35	Root Cause Analysis in Multivariate Time-Series Data Using Granger Causality	Keita	OHMORI

ポスター3：11/26 PM2/PM3 (14:50-18:25)

1	Development of a Unity-based 3D Visualization Tool for Scientific Satellite Observation Data	Fuma	Jido
2	Interdisciplinary Research Database AMIDER and Related Initiatives for Open Data	Masayoshi	Kozai
3	Preparation of PDS4-compliant SLIM Multiband Camera Data Archive	Shin-ya	Murakami
4	Stochastic Process-Based Modeling of Storm-Induced Orbital Decay with Machine Learning Prediction	Soushi	Fukuda
5	Estimation of Equatorial Plasma Bubble Altitudes with Ensemble Learning Models Incorporating Tweedie Regression	Yuki	Goou
6	Shape-Preserving Embedding of Coronal Hole Sequences for Predicting Radiation Belt Electron Flux Enhancements	Iori	Tamura
7	Automated FLR Detection and Frequency Extraction from Geomagnetic Spectrograms Using Deep Learning and Morphological Processing	Reiri	NOGUCHI
8	Climatology of Pi2 activity deduced from a machine-learning-based analysis of the Wp index	Shinya	Nakano