

R003：地球・惑星内部電磁気学（電気伝導度、地殻活動電磁気学）（Solid Earth Electromagnetism）

発表時間		タイトル (Title)	主著者 (First Author)	
D会場：11/25 AM1 (9:15-10:45)				
1	9:15 - 9:30	An Adaptive Hexahedral FEM with 3D Nodal Displacement for CSEM Modeling and Its Application to a Hydrothermal System	Norihiro	Kitaoka
2	9:30 - 9:45	Electrical Resistivity Anisotropy in Brine-Saturated Rocks during Triaxial Deformation	Suzuki	Takeshi
3	9:45 - 10:00	Three-dimensional Magnetotelluric Inversion based on a Data Space variant of Akaike's Bayesian Information Criterion	Han	Song
4	10:00 - 10:15	Two-Dimensional MT Inversion with Impedance and Tipper Response using KLU, Cholesky, and BiCGSTAB Solvers	Gita Amelia Marianto	LIMBON G
5	10:15 - 10:30	On statistical confidence interval inference of resistivity for a target block in optimal resistivity model using a paired t-test	Masahiro	Ichiki
6	10:30 - 10:45	Estimation of Kozushima subsurface resistivity structure using tsunami-induced electric fields from the 2011 Tohoku earthquake	Tetsuji	TAKEBA YASHI
D会場：11/25 AM2 (11:05-12:35)				
1	11:05 - 11:35	Electromagnetic ocean tidal signals for oceanic monitoring	Jan	Saynisch
2	11:35 - 11:50	Three-Dimensional Resistivity Structure and Its Relation to Seismic Activity in the Northern Noto Peninsula	Ryokei	Yoshimura
3	11:50 - 12:05	The resistivity structure of Izu peninsula inferred from broadband magnetotelluric surveys	Tomohiro	Inoue
4	12:05 - 12:20	A Practical Approach for Estimating Temporal Resistivity Changes in Volcanoes Using Broadband Magnetotelluric Data	Koki	Aizawa
5	12:20 - 12:35	Comparison of Resistivity Heterogeneity in Subduction Zones to Clarify the Formation Mechanism of Island Arc Volcanoes (2)	Maki	HATA
ポスター3：11/26 PM2/PM3 (14:50-18:25)				

1	Calibration of the LEMI long-period MT instruments	Makoto	Uyeshima
2	Magnetotelluric Probability Tomography Based on the Correlation between Impedance Perturbations and the Fréchet Operators	Yu	Liu
3	Reconciling Cartesian and Spherical Coordinate Approaches in Magnetotelluric Modeling: Source Conditions and Impedance Formulation	Chongjin	Zhao
4	Comparison of 1D and 2D Inversion Results of Magnetotelluric Data Acquired at Sakurajima Volcano	Cinantya Nirmala	Dewi
5	Analysis of the Network-MT and conventional MT data measured in the southern part of Kii Peninsula, Southwestern Japan	Akira	Watanabe
6	Forward Modeling Study of Controlled-Source Electromagnetic Based on the FEMTIC Program	Zuwei	Huang
7	DEEPMAYMT: Marine magnetotelluric investigation for a submarine volcanic system offshore Mayotte	Tetsuo	Matsuno
8	Resistivity structure beneath the Kikai submarine caldera volcano and tidally induced EM signals from OBEM observations	Takumi	OBATA
9	Improvement of the total variation regularization of the 3D magnetic and gravity inversion using the structural guide method	Utsugi	Mitsuru
10	Development of a UAV-based Electromagnetic Exploration System Prototype	Keiichi	Ishizu
11	Induction Vector Analysis of InSight Magnetic Data to Constrain Martian Mantle Structure	Sakika	Hoshino
12	Magnetic field variations with a 2-h timescale in Tonga and Samoa following the HTHH volcanic eruption on January 15, 2022	Hisayoshi	Shimizu
13	Tsunami wave height prediction using data assimilation of seafloor magnetic data in French Polynesia	Takayuki	HIRANO