

	Program: Poster sessions
	Tuesday 14 Aug
	Session 1. Instrumentation, sources and data processing
09:45 – 10:00	Poster introductions (Store Scene)
10:00 – 11:30	Poster viewing including break in poster hall (HAL 14 / Værftshallerne)
	Posters S1.0-P102-P128
S1.0-P102	A new apparent resistivity for land-based controlled source electromagnetic method Xiangyu Huang, Jingtian Tang, Zhengyong Ren, Yiyuan Zhong, Ziqiang Zhu
S1.0-P103	A new open source library for MT robust processing Wawrzyniak P., Smaj F., Coppo N., DARNET, M., Bretaudeau,
S1.0-P105	Development of the MTPy software package for magnetotelluric data analysis Kirkby, A., Peacock, J., Zhang, F., Hassan, R., Duan, J.
S1.0-P106	Differential Magnetometer Measurements of Geomagnetically Induced Currents in the UK Power Grid Huebert, J., Beggan, C., Martyn, T., Swan, A., Taylor, T., Turbitt, C., Thomson, A.
S1.0-P107	Effect of conductive ground on current transients in a closed loop conductor used for testing TEM measuring systems Kozhevnikov, N., Antonov, E.
S1.0-P108	EM-ACROSS experiment at Kusatsu-Shirane volcano Tseng, K. H., Ogawa, Y., Kunitomo, T., Fukai, M., Bertrand, E. A., Kinoshita, Y., Minami, T.
S1.0-P109	Features of audiomagnetotellurics daytime signal in dead band in Chukotka (Russian Far East) Ermolin E, Ingerov O, Yankilevich AA, Pokrovskaya NN, Davytkina TV, Melnikov V
S1.0-P110	Improved algorithm of Frequency Domain Independent Component Analysis for magnetotelluric data processing S. Sato, T. Goto
S1.0-P112	Instrument Tsikl 8, flexible sensors and selected results Zakharkin A.K., Sekachev M. Yu., Vechkapov O.P., Hallbauer-Zadorozhnaya V
S1.0-P115	Measurement of the magnetic field with moving carriers Dudkin, F., Pronenko, V., Korepanov, V.
S1.0-P116	On separation of Sq field and EM response estimation using seafloor array data Baba, K.
S1.0-P117	Possibilities for processing TEM data with quality check: TEM-Processing software Sharlov M., Agafonov Yu., Bouddo I.
S1.0-P118	Processing of semi-airborne EM data in the framework of the DESMEX project Becken, M., Schiffler, M., Nittinger, C.G., Cherevatova, M., Steuer, A., Martin, T., Meyer, U., Moerbe, W., Yogeshwar, P., Tezkan, B., Rochlitz, R., Günther, T., Friedrichs, B., Matzander, U., Zakosarenko, V., Stolz, R., and the DESMEX project group
S1.0-P119	Quality Characterization of Long Term Magnetometer Array Data using Feature Extraction and Classification Kappler, K., Bleier, T., MacLean, L., Schneider, D.
S1.0-P120	Source Biases in Magnetotelluric Transfer Functions due to Pc3/4 (~10-100s) Geomagnetic Pulsations at Mid-Latitudes Murphy, B.S., Egbert, G.D.
S1.0-P121	Temporal changes of geomagnetic induction arrows in non-seismic regions: fiction or reality? Ernst T., Józwiak W.
S1.0-P122	The theoretical analysis of impedance characteristics of the marine transmission electrodes Meng, W., M., Deng, X.H. Luo, L.L. Feng
S1.0-P124	Why Do EM Data Pervasively Follow a Stable Distribution? Chave, AD, Thomson, DJ and Luther, DS
S1.0-P125	Wider broadband induction magnetometer development Pronenko, V., Hanstein, T., Smirnov, M.
S1.0-P126	Numerical and field experiment of semi-airborne transient electromagnetic Huaifeng Sun, Shangbin Liu, Chengdong Chen
S1.0-P127	The variation of the peak frequency of Schumann Resonance(SR) observed at five stations in the Control Source Extremely Low Frequency (CSELF) network Han Bing, Tang Ji, Zhao Guoze, Wang Lifeng, Chen Xiaobin
S1.0-P128	UAS based magnetic and electromagnetic surveys: Case Studies from mineral exploration and geotechnical projects J.B. Stoll

	Tuesday 14 Aug
	Session 2. S2.1 Theory, S2.2, Modelling, S2.5 Software and framework
14:45 - 16:45	Poster viewing including break in poster hall (HAL 14 / Værftshallerne)
	Posters S2.1-P232-P287, S2.2-P205-P285 & S2.5-P235-P280
S2.1	Theory
S2.1-P232	Correction of the host medium influence in the express-interpretation of 2D magnetovariational anomalies Ermolin E, Ingerov O
S2.1-P236	Dimensionality analysis of MT data using Mohr circle: A case study from Rewa-Shahdol region, India Khasi Raju and Prasanta K. Patro
S2.1-P239	Estimating the poroelastic parameters and permeability of the subsurface structure from the electrokinetically-driven electric field arising due to the lunar/solar tides in the solid Earth Alekseev, D., Gokhberg M.
S2.1-P250	Host medium influence on magnetovariational anomalies of 2D local bodies Ermolin E, Ingerov O
S2.1-P268	The effect of anomalous magnetic permeability on magnetotelluric data at the northwestern slope of the Voronezh Massive Lozovsky, I.N., Varentsov, Iv.M., Börner, R.-U
S2.1-P279	Tippers at island geomagnetic observatories constrain electrical conductivity of oceanic lithosphere Morschhauser, A., Grayver, A., Kuvshinov, A., Samrock, F., Matzka, J.
S2.1-P284	Understanding the BC87 dataset: Imaging the enigmatic Nelson Batholith Conductor Jones, A.G., Dong, H.
S2.1-P287	Violation of dispersion relations in magnetotellurics Zorin, N., Utada, H.
	Modelling
S2.2-P205	3-D DC Resistivity forward modeling using the multi-resolution grid J. Gao, M. Smirnov, M. Cherevatova, G. Egbert
S2.2-P208	3-D Transient EM forward modeling using the multi-resolution grid J. Gao, M. Smirnov, M. Cherevatova, G. Egbert
S2.2-P209	3D Boundary Conditions in 3D Finite-Element Electromagnetic Forward Modelling Schmidt, L., Ren, Z., Kalscheuer, T., Kreiss, G.
S2.2-P210	3D Forward modeling of a pair of magnetic coils over shallow targets as geothermal manifestations Valdes-Moreno, Beatriz, Perez-Flores, Marco A., De Basabe, Jonas D.
S2.2-P213	3D marine controlled-source electromagnetic modeling with a new type of Second-Order tetrahedral edge element Hanbo Chen, Tonglin Li, Zhejiang Wang
S2.2-P215	3D Modelling of Controlled-Source Electromagnetic Fields using the Spectral Element Method Weiss, M., Kalscheuer, T., Ren Z.
S2.2-P216	A Crank-Nicolson approach for 3D modeling of Transient Electromagnetic Cheng, M, Sun, H F.
S2.2-P218	A volume-surface integral approach for direct current resistivity problems with topography Huang Chen., Zhengyong Ren., Jingtian Tang., Feng Zhou., Ziqiang Zhu, Xiangyu Huang, Yiyuan Zhong
S2.2-P228	Combining Different Dimensions for the Fast Simulation of Magnetotelluric Problems Alvarez-Aramberri, J., Key, K., Pardo, D.
S2.2-P234	DC electrical responses of complex fracture networks in 3D conducting media Beskardes, G.D. and Weiss, C.J.
S2.2-P244	Finite element approximation of Maxwell's equations in an exterior calculus formulation J. Kamm and M. Becken
S2.2-P246	Flexible approach to magnetotelluric 2D simulation with general anisotropy Guo, Z., Egbert, G., Wei, W.
S2.2-P247	Forward Electromagnetic Simulation in 3D using Gauge Potential Scheme Bello M.A., Liu J., Guo R.
S2.2-P249	Hierarchical material properties in the solution to Maxwell's equations: Theory and applications in applied geophysics Weiss, C., Beskardes, G.
S2.2-P252	Investigation of approximations for realistic 3D CSEM modelling Rochlitz, R., Günther, T., Becken, M.
S2.2-P263	Smite transform for calculation 2D models containing non- and polarizable S-planes for TEM soundings Hallbauer-Zadorozhnaya V
S2.2-P267	The A- ϕ formula for geo-electromagnetic induction problems Feng Zhou., Zhengyong Ren., Jingtian Tang., Huang Chen., Ziqiang Zhu, Yiyuan Zhong.
S2.2-P271	Three-Dimensional Electromagnetic Forward Modelling Using High-Order IntegraEquation Method Kruglyakov, M., Kuvhsinov, A.
S2.2-P273	Three-dimensional Land_based CSEM modeling accelerated by a divergence correction Wenwu Tang, Yaoguo Li, Jianxin Liu, Juzhi Deng, and Xiao Chen
S2.2-P274	Three-dimensional magnetotelluric modelling with an RBF-based meshfree method and unstructured nodes Long, J., Farquharson, C.G.

S2.2-P281	Topographic distortions of magnetotelluric transfer functions: a high resolution 3-D modelling study using real elevation data Käufel, J., Grayver, A., Kuvshinov, A.
S2.2-P282	Towards 3-D EM modelling using integral equations approach and curvilinear meshes Kruglyakov, M., Kuvshinov, A.
S2.2-P285	Understanding the resolvability of mineral systems in MT data: an Australian perspective Seillé, H., Visser, G.
Software and framework	
S2.5-P235	Development of a flexible and scalable computation strategy for large-scale Electromagnetic problems Dong, H., Egbert, G. D., Meqbel, N.
S2.5-P245	Finite element based 3D controlled-source electromagnetic modeling in frequency domain - development scheme to a new approach Rulff, P., Kalscheuer, T., Kreiss, G.
S2.5-P254	jMT3DAni: An open-source package for 3-D magnetotelluric forward modeling with arbitrary anisotropy Bo Han, Yuguo Li, Gang Li.
S2.5-P260	POLYEM3D: A massively parallel versatile code for 3D modeling and inversion of land CSEM and MT data Bretaudeau, F., Porté, J., Wawrzyniak, P., Penz, S., Bourgeois, B."
S2.5-P266	Testing a new TDEM data inversion software: paleovalley exploration case study Kulikov V., Aleksanova E., Kaminsky A., Solovieva A., Shustov N.
S2.5-P280	toPeak: A GUI Client Software for Three-dimensional Magnetotelluric Inversion Liu Zhongyin, Chen Xiaobin, Cai Juntao, Zhao Guoze, Tang Ji

	Wednesday 15 Aug
	Session 2. S2.3+S2.4 Inversions
09:15 – 11:00	Poster viewing including break in poster hall (HAL 14 / Værftshallerne)
	Posters S2.3-P202-P283 & S2.4-P201-P286
S2.3	Inversion (general)
S2.3-P202	1D and 3D EM interpretations to confirm the salt dome profile A.Y. Paembonan, R. Arjwech, Sofia Davydycheva, T. Hanstein, M. Smirnov, K. M. Strack
S2.3-P204	3-D data-space CSEM inversion for volcano sounding regularized by minimum support gradient method Minami, T., Utada, H., Utsugi, M.
S2.3-P206	3-D inversion of MT impedances and inter-site tensors, jointly and separately. Some lessons learnt Kruglyakov, M., Kuvshinov, A.
S2.3-P207	3-D phase tensor inversion in practice Samrock, F., Grayver, A., Eysteinnsson, H., Saar, M.O.
S2.3-P211	3D inversion of natural-source electromagnetic data from distributed acquisition systems Avdeeva, A., Moorkamp, M., Jones, A. G., Chave, A. D., Evans, S. F., Spratt, J.
S2.3-P220	An improved exponential stabilizing functional for regularized magnetotelluric inversion Cheng Wang, Peng Yu*, Luolei Zhang, Chongjin Zhao, Bo Shi
S2.3-P221	An investigation into modeling parameters with the ModEM3DMT inversion code Robertson, K.E., Thiel, S., Meqbel, N.
S2.3-P225	AusRES: A predictive 3D resistivity model of the Australian continent Soeffky, P., Heinson, G.
S2.3-P227	BEAR experiment – 2 approaches to the inversion problem solution A.A. Zhamaletdinov, M.S. Petrishchev, V.Yu. Semenov and BEAR WG
S2.3-P229	Comparison of 2D and 3D inversion results: a case study of an MT profile Feng Jiang, Xiaobing Chen, Martyn Unsworth, Tengfa Cui, Xiangyu Sun, Bing Han.
S2.3-P237	Efficiency improvements for the probabilistic inversion of magnetotelluric data in high-dimensional parameter spaces Conway D., Heinson G., Simpson J., Alexander B., King M., Didana Y., Kee Y., Rugari J.
S2.3-P240	Experience in the application of three-dimensional inversion of magnetotelluric data with the use of supercomputer complex “Lomonosov” Zaytsev, S., Kulikov, V., Yakovlev, A., Yakovlev, D.
S2.3-P241	Exploring magnetotelluric model space in sequential inversion Simpson J. M., Heinson G.S.
S2.3-P251	Improvement of three-dimensional MT forward modeling and inversion algorithms Ruan Shuai, Tang Ji, Chen Xiaobin
S2.3-P253	Investigation of deep mineral deposits in Germany: Multidimensional Inversion of long offset CSEM data in time and frequency domain Mörbe, W., Yogeshwar, P., Tezkan, B.
S2.3-P255	Magnetotelluric 3-D inversion to understand the Hangai Mountains uplift in Mongolia, using a high-order FEM code and adaptive meshes Käufel, J., Grayver, A. V., Comeau, M. J., Kuvshinov, A. V., Becken, M., Kamm, J., Batmagnai, E., Demberel, S.
S2.3-P258	On the Influences of Random Starting/Prior Models in Three-Dimensional Magnetotelluric Inversion Dong, H., Jones, A. G.
S2.3-P259	Optimization of conductivity inversion with multi-frequency, multi-elevation electromagnetic induction acquisition Qian, R., Liu, L.
S2.3-P262	Quasi-3D inversion of MV array data at the western slope of the Voronezh Massive Iv.M. Varentsov, Iv.M., Kovacikova, S., Lozovsky, I.N., Tikhomirova, O.Yu., KIROVOGRAD WG
S2.3-P264	Study on Staged Adaptive choice of regularization Parameter based on differential evolution algorithm: A case from magnetotelluric inversion Xiao Chen, Juzhi Deng, Yihao Guo, Hui Chen, Wenwu Tang
S2.3-P265	Synthetic modelling of downhole resistivity data to improve interpretation of basin morphology from magnetotelluric inversion Simpson J.M., Heinson G.S.
S2.3-P269	The synthetic MT/MV data inversion study in the class of complicated oil and gas perspective structures Varentsov, Iv.M., Alekseev, D.A.
S2.3-P270	The time-domain EM inverse problem Börner, R.-U., Eckhofer, F., Helm, M., Spitzer,
S2.3-P272	Three-Dimensional Inversion for Frequency-Domain Electromagnetic data use Truncated Gauss-Newton Method Hui Chen, Juzhi Deng, Changchun Yin, Hui Yu
S2.3-P275	Three-Dimensional Magnetotelluric Inversion including Topography using Adaptive Finite Element Method Qin, Ce, Wang, Xuben, Zhao, Ning
S2.3-P276	Three-dimensional Magnetotelluric Inversion including Topography based on Limited-Memory Quasi-Newton Algorithm (L-BFGS) Hui Yu, Juzhi Deng, Hui Chen, Xiao Chen
S2.3-P277	Three-dimensional MCSEM inversion based on parallel goal-oriented adaptive finite element method for large scale problem Ning Zhao, Gang Yu, Ce Qin
S2.3-P278	Time-Domain Electromagnetic imaging of Mesoproterozoic fault at Llano Uplift, Texas

	Pondthai, P., Everett, M.E.
S2.3-P283	Trans-dimensional Bayesian inversion of Magnetotelluric data based on a tree structure parameterization Rongwen Guo, Chengjin Li, Jianxin Liu, Yan Sun and Xiaozhong Tong
S2.4	Inversion (joint or constrained)
S2.4-P201	1D and 2D Magnetotelluric modelling by using computational swarm intelligence Francesca Pace, A. Santilano, A. Manzella and A. Godio
S2.4-P223	Application of the PTIV 3-D inversion to the MT dataset obtained in the Oku-Aizu geothermal area Uyeshima, M., Hase, H., Siripunvaraporn, W., Okabe, T., Abe, Y., Tsuzuki, M.
S2.4-P243	Feasibility study of inversion using Tipper data for analysis of resistivity structure in geothermal field Yamada, Y., Goto, T.
S2.4-P256	MATLAB based code for 3D joint inversion of Magnetotelluric and Direct Current resistivity imaging data Israil, M., Singh, A., Devi, A., Gupta, P. K.
S2.4-P286	Using boat-towed radio-magnetotelluric and controlled source audio-magnetotelluric data to resolve fracture zones at Äspö Hard Rock Laboratory site, Sweden Wang, S., Bastani, M., Constable, S., Kalscheuer, T., Malehmir, A.

	Wednesday 15 Aug
	Session 3. S3.1 Exploration, S3.2 Monitoring and S3.3 Hazards
14:45 – 16:30	Poster viewing including break in poster hall (HAL 14 / Værftshallerne)
	Posters S3.1-P301-P316, S3.1-P317-P381, S3.1-P347-P355
S3.1	Exploration 3.1.1 Geothermal
S3.1-P301	Electromagnetic exploration for unconventional geothermal systems in Mexico: The GEMex Project Arango-Galván, C., Hersir, G.P., Benediktsdóttir, A., Romo-Jones, J.M., Salas-Corrales, J.L., Avilés-Esquivel, T., Held, S., Manzella, A., Santilano, A., Schill, E.
S3.1-P302	Three-dimensional characterization of the geothermal systems in the southern margin of the Gediz Graben (western Turkey) inferred from magnetotelluric data Basokur, A. T., Meqbel, N. M., Hacioglu, O., Arslan, H. I.
S3.1-P307	Imaging and monitoring the Reykjanes supercritical geothermal reservoir in Iceland with time-lapse CSEM and MT measurements M. DARNET, N. COPPO, P. WAWRZYNIAK, S. NIELSSON, G.O. FRIDLIFSSON, E. SCHILL
S3.1-P305	Electromagnetic characterization of the Central Tertiary Basin, Svalbard Betlem, P., Beka, T., Autio, U., Smirnov, M., Senger, K.
S3.1-P306	Characterising thermal water circulation in fractured bedrock using a multi-disciplinary approach: a case study of St. Gorman's Well, Ireland S. Blake, T. Henry, J.P. Moore, J. Murray, J. Campañà, M.R. Muller, A.G. Jones, V. Rath, J. Walsh
S3.1-P308	Benefits and challenges of the CSEM method for geothermal exploration in deep sedimentary basins DARNET M., COPPO N., WAWRZYNIAK P., BRETAUDEAU F.
S3.1-P309	Quantitative Geothermal Interpretation of Electrical Resistivity Models of the Rathlin Basin, Northern Ireland Blake, S., Henry, T., Moore, J.P., Murray, J., Campañà, J., Muller, M.R., Jones, A.G., Rath, V., Walsh, J.
S3.1-P310	Resistivity imaging of an analogue of the transition zone between the sedimentary cover and the basement of deep sedimentary basin for geothermal exploitation Porté, J., Darnet, M., Girard, J-F., Coppo, N., Baltassat, J-M., Bretaudeau, F., Wawrzyniak, P.
S3.1-P311	CSEM experiment and MT-CSEM 2D joint inversion for a geothermal study the Vall's Basin (Catalan Costal Range, NE Spain) Queralt P., Ledo J., Marcuello A., Mitjanas G
S3.1-P312	Overview and preliminary results of magnetotelluric study of the Kasane hot spring region in northwest Botswana. Ramotoroko, C., Junge, A., Shemang, E.
S3.1-P313	3D inversion of MT data from northern Mexico for geothermal exploration: On the effectiveness of using additional geophysical data Ruiz-Aguilar, D., Tezkan, B., Arango-Galván, C.
S3.1-P314	A floating transient electromagnetic system to acquire dense data on volcanic lakes - Investigation of the Furnas hydrothermal system (São Miguel Island, Azores) Yogeshwar, P., Küpper, M., Tezkan, B., Rath, V., Kiyani, D., Hogg, C., Byrdina, S., Cruz, J. V., Andrade, C., Viveiros, F.
S3.1-P315	3-D magnetotelluric inversion for geothermal exploration in Socompa volcanic zone, NW Argentina Guevara, L., Favetto, A., Pomposiello, C.
S3.1-P316	Three-dimensional modeling of magnetotelluric data in El Tatio - La Torta Geothermal system, North Chile Figueroa, A., Diaz, D.
S3.1	Exploration 3.1.2 Hydrocarbons
S3.1-P317	Multi-physical characterization of near-coastal cryosphere onshore Spitsbergen, Arctic Norway Betlem, P., Senger, K.
S3.1-P318	Some examples of application of simultaneous joint inversion of independent geophysical data in a spatial recognition of salt and subsalt structures Adam Cygal, Michal Stefaniuk, Jolanta Pilch, Anna Kret
S3.1-P319	Analysis of the applicability of electromagnetic geophysical data to processing of seismic reflection data for recognition of near-surface geology Adam Cygal, Michal Stefaniuk, Jolanta Pilch, Krzysztof Dzwiniel, Marek Sada
S3.1-P320	Imaging shallow oil and gas deposits using of TDIP, SIP, TDEM/IP and AMT methods Marek Sada, Joanna Figura, Michał Stefaniuk, Adam Cygal,

S3.1-P321	Application of multi-offset arrays in TEM studies on the Siberian platform Kompaniets, S., Kozhevnikov, N.
S3.1-P322	CSAMT for Natural Gas Hydrate in the Qilian Mountain Permafrost of China Da Lei, Qingyun Di, Hui Fang, Shumin Wang, Dawei Yao, Haobin Dong, Liangyong Yang
S3.1-P324	MT study of La Rosa diapir (Betic Range, SE Spain) Górriz, E., Marcuello, A., Ledo, J., Queralt, P., Martí, A., Rivero, Ll., Escosa, F., Roca, E.
S3.1-P325	MT survey in the southern part of Subandian fold belt, Bolivia Palshin, N., Giraudo, R.E., Yakovlev, D., Zaltsman, R. Korbutiak, S
S3.1-P326	MT survey in the northern part of Subandian fold belt, Bolivia Palshin, N., Giraudo, R.E., Yakovlev, D., Zaltsman, R., Korbutiak,
S3.1-P327	Magnetotelluric studies of Subandian fold belt, Bolivia Palshin, N., Giraudo, R.E., Yakovlev, D., Zaltsman, R., Korbutiak,
S3.1-P323	Multi-Dimensional Inversion of EMAP-MT Data for Oil Exploration in SW Iran Isa Mansoori, Behrooz Oskooi and Laust Borsting Pedersen
S3.1-P330	Joint interpretation of MT and VES data for static shift correction. Case study from eastern part of Polish Outer Carpathians. Wazny, J., Stefaniuk, M., Cygal, A., Sada M., Cwiklik, M
S3.1-P331	Exploration for Devonian Reef in Southern China with 3D MT inversion results Liangjun Yan, Xingbing Xie, Fengjiao Xu, Wenbao Hu, Lei Zhou
S3.1-P332	Magnetotelluric study on a diapir in Qom basin, central Iran Oskooi, B., Moradi, M., Pushkarev, P.
S3.1-P381	Integrating resistivity into petroleum exploration on the Barents shelf: a geological perspective Senger, K.
S3.1	Exploration 3.1.4. Groundwater
S3.1-P347	Aquifer delineation using the Tempest AEM system Smiarowski, A., Ryan, S., Schafer, D. Miorelli, F., Soyer, W.
S3.1-P349	Pseudo-3D direct-current resistivity for underground water surveying Zhenwei Guo, Chunming Liu, Jianxin Liu, Hua Zhou, Shuaijun Zhao, Haibing Li
S3.1-P350	Time Domain Electromagnetic Soundings in the Aqeb and Basalt Wellfields in Jordan Kapinos, G., Jahed, N., Atteyat, N., Margane, A.
S3.1-P351	Sinkholes 3D geometry by shallow electromagnetics in Yucatan Peninsula, Mexico. Perez-Flores, Marco A., Ochoa-Tinajero, L.E.
S3.1-P353	The technique and results of joint EM data interpretation: paleovalley exploration case study Kulikov V., Aleksanova E., Kaminsky A., Solovieva A., Shustov N.
S3.1-P354	Combined quantitative interpretation of GCM and DC sounding data from selected area in Cracow, Poland. Klityński W., Oryński S.
S3.1-P355	High-resolution shallow TEM sounding technique for the near-surface exploration Shelokhov I., Sharlov M., Bouddo I., Misyurkeeva N., Agafonov Yu.

	Friday 17 Aug
	Session 3. Exploration (S3.1), Monitoring (S3.2) and Hazards (S3.3)
09:15 – 11:00	Poster viewing including break in poster hall (HAL 14 / Værftshallerne)
	Posters S3.1-P333-P346, P3.2-P357-P371 & P3.3-P372-P380
S3.1	Exploration 3.1.3. Minerals
S3.1-P333	Resistivity image of Baryatinskaya crustal high-conductive anomaly based on the results of areal MT-survey Kulikov V., Zaytsev S., Aleksanova E., Varentsov Iv., Lozovsky I., Shustov N., Yakovlev A
S3.1-P335	Three-dimensional inversion of semi-airborne data collected over an ancient antimony mine in the Saxothuringian zone Cherevatova, M., Becken, M., Nittinger, C., Steuer, A., Martin, T., Meyer, U., Yogeshwar, P., Moerbe, W., Rochlitz, R., Guenther, T., Schiffler, T., Stolz, R., Matzander, U., Smirnov, M., Yu., and DESMEX WG
S3.1-P336	Northern Australian lithospheric architecture from AusLAMP J. Duan, A. Kirkby, D. Kyi and W. Jiang
S3.1-P338	Geo-radar LOZA and it application for sounding high resistive sections in South Africa Berkut A, P. Morozov P, Ulyantsev N, Hallbauer-Zadorozhnaya V, Stettler E
S3.1-P340	Mineral systems mapping using magnetotellurics: Examples from Canada and Australia Jones, A.G., Thiel, S., Robertson, K., Dentith, M., Heinson, G., Craven, J.A.
S3.1-P341	A study of an ore deposit in northern Sweden using surface and borehole magnetotelluric data Kalscheuer, T., Dossow, L., Juhojuntti, N., Dynesius, L.
S3.1-P342	Three-dimensional Imaging of Rare-Earth Deposits in the Eastern Mojave Desert, California with Magnetotellurics Peacock, J. R., Denton, K. M., and Ponce, D. A.
S3.1-P343	The Cloncurry magnetotelluric survey Simpson, J.M., Duan, J., Wang, L.,
S3.1-P344	3-D Joint inversion of MT+AMT data over Proterozoic Dalma Volcanics, Eastern India Roshan Kumar Singh, F., Shalivahan, S., Ved Prakash Maurya, L.
S3.1-P345	Three-dimensional electrical structure of the crust and upper mantle in north-eastern Sweden, using the magnetotellurics method Vadoodi, R., Rasmussen, T.M., Korja, T., Smirnov, M.Yu., Autio, U., Bauer, T.E.
S3.1-P346	Application of spectral induced polarization method (SIP) at complex studying of low-contrast magnetic anomalies Solovieva A., Kulikov V.
S3.2	Monitoring
S3.2-P357	Time-lapse inversion of one-dimensional magnetotelluric data Conway D., Heinson G., Rees N., Rugari J.
S3.2-P358	Steell Casing Effects on CSEM Monitoring of Unconventional Reservoir Stimulation Couchman, M., Everett, M.E. , Charbonneau, J., Robinson, R.
S3.2-P359	Electromagnetic Modeling in Unconventional Reservoirs: a 3D Anisotropic Approach Curcio, A.
S3.2-P361	Monitoring hydraulic stimulation using telluric sounding Rees, N., Heinson, G., Conway, D.
S3.2-P362	Time-lapse CSEM: lifting the repeatability curse Shantsev, D.V., Babakhani, A., Gelius, L. J., Nerland, E. A.
S3.2-P363	Repeatability and reproducibility of transient electromagnetic measurements with respect to monitoring techniques Bär, M., Spitzer, K.
S3.2-P365	Repeatability of land-based controlled-source electromagnetic measurements in industrialised areas and including vertical electric fields Tietze, K., Ritter, O., Patzer, C. , Veecken, P., Dillen, M.
S3.2-P366	Time-lapse magnetotelluric monitoring at the Theistareykir geothermal plant (Iceland) Portier, N., Sailhac, P., Warden, S., Arnason, K., Erbas, K.
S3.2-P367	Systematically changes in MT signal during deep drilling operations Haaf, N., Schill, E., Karlsdottir, R., Arnason, K.
S3.2-P369	3D TEM Forward Modelling of Volcanic Environments Ader, C., Spitzer, K., Hort, M., R.-U. Börner
S3.2-P370	Continuous MT monitoring: Resistivity variations related to the large March 9, 1998 eruption at La Fournaise Volcano. Wawrzyniak, P., Zlotnicki J., Sailhac, P., Marquis, G.
S3.2-P371	The preliminary observation of CSELF earthquake monitoring network Tang Ji, Zhao Guoze, Chen, Xiaobin, Han Bin, Wang Lifeng, Zhan Yan, Xiao Qibin, Dong Zeyi

S3.3	Hazards
S3.3-P372	Down to Earth with a hazard from space: Geoelectric hazard maps from MT impedance and magnetic observatory data Bedrosian, P. A., Love, J. J., Lucas, G., Kelbert, A.
S3.3-P373	Modelling and monitoring induced electric fields (IEFs) in Ireland and the UK for space weather applications Campanyà, J., Gallagher, P.T., Blake, S.P., Gibbs, M., Jackson, D., Beggan, D., Richardson, G.S., Hogg, C

S3.3-P374	SWEMDI: Space Weather Electromagnetic Database for Ireland Campanyà, J., Gallagher, P., Blake, S., Hogg, C., Scanlon, R., Jackson, D., Gibbs, M., Reay, D., Kiyan, D., Fullea, J., Rath, V.
S3.3-P375	Detailed Model of the Irish High Voltage Power Network for Simulating GICs Blake, S., Gallagher, P., Campanyà, J., Hogg, C., Beggan, C., Thomson, A., Richardson, G., Bell, D.
S3.3-P376	Temporal and spatial variability of space weather driven telluric fields in Northwestern Russia Epishkin D., Pilipenko V., Sokolova E. , Sakharov Ya., Yagova N., Selivanov V.
S3.3-P378	An approach to coupling geospace and regional 3-D electromagnetic induction modelling Ivannikova, E., Kruglyakov, M., Kuvshinov, A., Rastätter, L., Pulkkinen, A.
S3.3-P380	Geological structures exploration with CSAMT method in a HLRW preselected site An, Z.G., Di, Q.Y., Wang, Z.X., Li, M., Fu, C.M.

	Friday 17 Aug
	Session 4. Tectonics (4.1), Magmatism (4.2) and Geodynamics (4.3)
14:45 - 16:45	Poster viewing including break in poster hall (HAL 14 / Værftshallerne)
	Posters S4.1-P401-P466
S4.1	Tectonics
S4.1-P401	2D inverse modeling of Magnetotelluric data with standard and uniform grid Laplacian approaches and new insights into tectonics from Saurashtra, India K. S. Ajithabh, Prasanta K. Patro
S4.1-P406	3D inversion of MT data from the Mérida Andes, Venezuela Cruces-Zabala, J., Ritter, O. , Weckmann, U., Tietze, K., Schmitz, M.
S4.1-P407	Advances in deep geoelectric modeling for SE Baltic shield with integrated geophysical and geological interpretation Sokolova E., Mints M., Golubtsova N., Kulikov V., Pushkarev P., Zaytsev S., LADOGA WG
S4.1-P410	Architecture across the Paleozoic collisional suture zone in the southeastern Central Asian Orogenic belt, northern China: revealed by magnetotelluric profile Zeyi Dong, Xiaobin Chen, Ji Tang, Yan Deng
S4.1-P417	Deep electrical structure of Chuxiong Basin in southwest of China Lianmu Chen, F., Wenbao Hu, S.
S4.1-P419	Deep lithospheric structure beneath Dolsk and Odra fault zones as a result of integrated Magnetotelluric 1-D, 2-D and 3-D data interpretation Oryński S., Józwiak W., Nowożyński K.
S4.1-P420	Deep structure of the South-Western Crimea according to new magnetotelluric data Desyatov, D.O., Pushkarev, P.Yu., Rokityansky, I.I., Stafeev, A.N., Yakovlev, A.G.
S4.1-P421	Deep three-dimensional electric structure of Dabie orogen and southern section of Tan-Lu fault zone and its tectonic significance Cui, Tengfa, Chen, Xiaobin, Liu, Zhongyin, Jiang, Feng, Deng, Yan
S4.1-P424	Electrical constraints of the 4°50' shear zone (Hoggar-Touareg Shield. Southern Algeria) Deramchi, A., Bouzid, A., Bendaoud, A., Boughchiche, S., Boukhalifa, Z., Bendekenne, A., Boukhlouf, W., Hamoudi, M.
S4.1-P427	Electrical Structure Beneath the Ordos Block and Its dynamic implication X. B. Chen, F. Jiang, B. Han, L. F. Wang, G. Z. Zhao
S4.1-P429	First results of new simultaneous MT/MV soundings in the Eastern Tibet and SE India Varentsov, Iv.M., Bai, D., Ivanov, P.V., Kumar, S., Li, X., Lozovsky, I.N., Walia, D.
S4.1-P430	Fluidized pockets in the lower crust beneath the Bulnay strike-slip fault system at the northern edge of the intra-continental Hangai high-plateau, Mongolia Becken, M., Comeau, M. J., Käufel, J., Kuvshinov, A., Grayver, A., Kamm, J., Batmagnai, E., and Demberel,
S4.1-P431	Geoelectrical Signatures along the Satluj Valley, Northwest Himalaya, India Dhamodharan S, Sachin Kumar, A.K. Biyani, Sushil Kumar and Gautam Rawat
S4.1-P432	Geoscience Australia's Magnetotelluric program and data release J. Duan, L. Wang, W. Jiang, A. Kirkby, D. Kyi and M. Costelloe
S4.1-P437	Integrated interpretation of magnetotelluric sounding data for structural recognition of overthrust and folded orogeny, example from Sol area, Polish Western Carpathians Michal Stefaniuk, Marek Sada, Adam Cygal, Joanna Figula
S4.1-P438	Integrated modeling of the lithospheric structures of Inner and Outer Western Carpathians in Slovakia J. Vozar, J. Fullea, M. Moorkamp, Z. Alasonati-Tasarova, M. Bielik, V. Bezak
S4.1-P440	Joint 3D MT and GDS imaging beneath flood-basalts of central Paraná Basin, Brazil V.P. Maurya, M.A. Meju, S.L. Fontes, A.L. Padilha, E.F. La Terra, and L.G. Miquelutti
S4.1-P441	Joint interpretation of AMT and gravity data for clarification of Pasha-Ladoga Basin structure (NW Russia) Antashchuk, K., Stepanov, K., Saraev, A.
S4.1-P444	Large scale MT studies at the Koyna Deep Drilling site, Maharashtra, India Patro, P. K., Borah, U. K.; presented by K. S. Ajithabh
S4.1-P448	Lithospheric Electrical Structure in Western Junggar and Its Implications Zhang S., Xu Y., Liu Y., Yang B.
S4.1-P449	Lithospheric Rheology of the Great Basin Tectonic Province Derived from Magnetotelluric Resistivity Structure Mendoza, K., Wannamaker, P., Maris, V.,
S4.1-P452	Magnetotelluric characterization of the Alhama de Murcia Fault (Eastern Betics, Spain) Martí, A., Queralt, P., Marcuello, A., Ledo, J.J., Martínez-Díaz, J.
S4.1-P453	Magnetotelluric evidence for crustal conductors in Parnaíba basin, Brazil

	Solon, F.F., Fontes, S.L., la Terra, E.F.
S4.1-P454	Magnetotelluric imaging of Hudson Bay Basin and bounding units beneath the Kaskattama Highlands, Manitoba, Canada Ferguson, I., Craven, J., Roberts, B., McLeod, J., Clark, N., Zaporozan, T., Hodder, T., Nicolas, M.
S4.1-P456	Magnetotelluric imaging of intracontinental deformation zones: example of the Musgraves Province in Central Australia Goleby, B., Thiel, S., Heinson, G.
S4.1-P457	Magnetotelluric investigations of the lithosphere beneath Edough Massif, NE Algeria Deghmoum, F, Abdelfettah, Y, Bechkit, M, and Bouzid, A
S4.1-P459	Magnetotelluric measurements in West Bohemia/Vogtland reveals deep conductive channel into the earthquake swarm region and shallow CO2 degassing centres Weckmann, U., Muñoz, G., Rulff, P., Pek, J.
S4.1-P460	Magnetotelluric signature of Tso-Morari dome at Indus-Tsangpo Suture zone in NW Himalaya, India Sachin Kumar, Dhamodharan S., Koushik Sen, Saumen Maiti and Gautam Rawat
S4.1-P463	Measuring the hydrogen content variations in Southern African mantle Sinan Özaydin, Kate Selway
S4.1-P465	Multi-stage evolution of the Ordos lithosphere from stochastic inversion of elevation, geoid, surface heat flow, Rayleigh wave dispersion data and magnetotelluric data Jones, A.G., Dong, H., Afonso, J.C., Wei, W., Klemperer, S.L., Liu, T
S4.1-P466	New data on the nature and structure of the Ladoga anomaly from DC and AMT research A.A. ZHAMALETDINOV, A.N. SHEVTSOV, A.A. SKOROHODOV, V.YE. KOLESNIKOV, M.YU. NILOV
	Poster session for posters S4.1-P469-P491 continues on Sat 18 Aug 09:15-11:00

	Saturday 18 Aug
	Session 4. Tectonics (4.1), Magmatism (4.2) and Geodynamics (4.3)
09:15 – 11:00	Poster viewing including break in poster hall (HAL 14 / Værftshallerne)
	Posters S4.1-P469-P492 & S4.2-P403-P482
S4.1	Tectonics (continues from Friday)
S4.1-P469	Radio magnetotelluric survey of the Quaternary Neualbenreuth maar in the Western Bohemian Massif (Germany) Willkommen, G., Rulff, P., Weckmann, U.
S4.1-P470	Re-analysis of magnetotelluric responses from the northern Canadian Cordillera Habibian Dehkordi, B., Ferguson, I., Jones, A., Ledo, J.
S4.1-P473	Seismogenic context of the 2017 Jiuzhaigou Ms7.0 earthquake in the Songpan-Ganzi block inferred from 3-D Magnetotelluric imaging Sun, X.Y., Zhan, Y., Unsworth, M., Egbert, G., Chen, X.B., Zhao, G.Z., Zhao, L.Q., Cui, T.F., Liu, Z.Y.
S4.1-P475	Southeastern Australian Lithosphere imaged by Magnetotelluric data: AusLAMP New South Wales Kirkby, A., Duan, J., Kyi, D.
S4.1-P476	Surpassing coast effect to reveal fault's rheology: An example from Armutlu Peninsula, NW Turkey M.Karaş, S.B. Tank, Y. Ogawa
S4.1-P477	The crustal structure of the Cantabrian Mountains revealed by magnetotelluric soundings Seillé H., Pous, J., Pedreira, D., Gallastegui, J., Pulgar, J.A.
S4.1-P478	The deep structure of the triple junction of the East European Platform's segments based on magnetotelluric and seismological data Ivanov, P., Astapenko, V., Goev, A., Leonov, M., Pushkarev, P., Varentsov, Iv. and the SMOLENSK WG
S4.1-P480	The Underplating-Delamination-Extension Process in Central Tibetan Plateau: Evidences from Magnetotelluric Data Wei, W., Dong, H., Jin, S., Ye, G., Jing, J., Zhang, L., Xie, C., Yin, Y.
S4.1-P483	Three-Dimensional Lithospheric Resistivity Structure of NE Tibetan Plateau and Western North China Block and its Geological Significance Ye, G.F., Zhao, Y.C., Jin, S., Wei, W.B., Xie, C.L., Dong, H., Zhang, L.T., Yin, Y.T.
S4.1-P485	Three-Dimensional Magnetotelluric Imaging of central part of the Parecis Basin, Brazil Sergio L. Fontes, Max A. Meju, Ved P. Maurya, Emanuele F. La Terra, and Leonardo G. Miquelutti
S4.1-P487	Tri-dimensional Magnetotelluric Imaging of the Iguatu Basin in Northeast Brazil Benevides, A., Fontes, S.
S4.1-P488	Two Dimensional Crustal structure across Aravalli Craton, NW India, deduced from a magnetotelluric study C.K. Rao, Selvaraj, C., Gokarn, S.G. and Gupta, G
S4.1-P489	Using MT to constrain Greenland's glacial isostatic adjustment and ice loss Selway, K., Conrad, C.
S4.1-P490	Wyloo Dome (Western Australia): From a small MT survey to the mineral systems concept Piña-Varas, P., Dentith, M. and Johnson, S.P.
S4.1-P491	Zones of concentrated deformation in the Central Tien Shan: geoelectric images and tectonic interpretation Rybin A., Bataleva E., Morozov Yu., Leonov M., Przhivalgovskii E., Matukov V., Zabinyakova O.
S4.1-P492	Electrical resistivity models reveal mineralization and fault systems in the Valley of the Lakes, south-central Mongolia MJ Comeau, J. Käufel, M. Becken, A. Kuvshinov, A. Grayver, J. Kamm, E. Batmagnai, S. Demberel
S4.2	Magmatism
S4.2-P403	3-D magnetotelluric inversion for geothermal exploration in Socompa volcanic zone, NW Argentina Guevara, L., Favetto, A., Pomposiello, C.
S4.2-P404	3D electrical resistivity model of Gran Canaria island (Spain) Ledo, J., Larnier, H., Slezak, K., García-Merino, M., Gorriz, E., Marcuello, A., Pérez, N., Queralt, P.
S4.2-P405	3D Electromagnetic Imaging of Fluid Distribution Below the Kii Peninsula, SW Japan Forearc: Implications for plate coupling, non-volcanic tremor and hot springs Kinoshita, Y., Ogawa, Y., Ichiki, M., Fuji-ta, K., Yamaguchi, S., Umeda, K., Asamori, K.
S4.2-P415	Complex structure of Piton de la Fournaise and its underlying lithosphere revealed by magnetotelluric 3D inversion Gailler, L.S., Martí, A., Lénat, J.F.
S4.2-P417	Deep electrical structure of Chuxiong Basin in southwest of China Lianmu Chen, F., Wenbao Hu, S.
S4.2-P422	Electrical Conductivity Structure beneath Mt. Erciyes Stratovolcano: Preliminary Results M.Karaş, S.B. Tank, S. Özaydın
S4.2-P423	Electrical conductivity distribution and its relation to types of magmatism beneath Hasandağ composite volcano, Central Anatolia, Turkey S.B. Tank, S. Özaydın, M. Karaş
S4.2-P435	Imaging the shallow structure of the El Tatio geothermal field, using Time Domain Electromagnetics D. Montecinos, F., D. Díaz, S., P. Yogeshwar, L.
S4.2-P442	Joint inversion of MT and satellite gravity data in the North-Western USA Weise, B., Moorkamp, M., Fishwick, S.
S4.2-P445	Lithosphere-scale suture between the Yangtze and Cathaysia Blocks in South China: constrained from the 3-D magnetotelluric array data Jin, S., Yin, Y., Wei, W., Ye, G., Zhang, L., Liang, H., Dong, H.

S4.2-P447	Lithospheric Deformation Mechanism of the Northern Tibetan Plateau as Revealed by a Magnetotelluric Transect across the Northern Qaidam Basin Zhang, L., Jin, S., Wei, W., Ye, G., Xie, C.
S4.2-P450	Looking for magmatic structures beneath Osorno volcano, southern Chile. Zuñiga-Armijo, F., Díaz, D., Castruccio, A.
S4.2-P451	Magmatic and hydrothermal structures related to the San Pedro-Linzor volcanic chain, North Chile, revealed by 3D magnetotelluric modeling Mancini, R., Díaz, D., Brasse, H.
S4.2-P455	Magnetotelluric Imaging of Lower Crustal Melt in the Atlas Mountains of Morocco Kiyani, D., Jones, A.G., Ledo, J., Siniscalchi, A., Romano, G.
S4.2-P458	Magnetotelluric investigation for structurally-controlled geothermal systems in active extensional basins: An example from Gediz Graben, western Anatolia, Turkey Hacıoğlu, Ö., Başokur, A.T.
S4.2-P461	Magnetotelluric visualization of preferential fluid pathways in the geothermal system at Villarrica volcano, S-Chile Pavez, M., Díaz, D., Held, S., Schill, E.
S4.2-P468	Northern Australian lithospheric architecture from AusLAMP J. Duan, A. Kirkby, D. Kyi and W. Jiang
S4.2-P474	Shallow magma imaged by array MT data in the Taupo Volcanic Zone, New Zealand Bertrand, E.A., Caldwell, T.G., Heise, W., Bennie, S.L., Palmer, N., Hart, R., Archibald, G.
S4.2-P481	Three-dimensional electrical resistivity models around Mount St. Helens, Washington, USA Peacock, J. R., Bedrosian, P. A., Schultz, A., Bowles-Martinez, E., Hill, G. J.
S4.2-P482	Three-dimensional Imaging of Northern Geysers Geothermal Field, California with Magnetotellurics Peacock, J. R.

	Saturday 18 Aug
	Session 4. Tectonics (4.3), Session 6. Rock and Mineral Resistivity, and Anisotropy & Session 7. Global and Planetary Studies
15:00 - 15:15	Poster introductions: S6 & S7 in Store Scene
15:15 - 16:45	Poster viewing including break in poster hall (HAL 14 / Værftshallerne)
	Posters S4.3-P413-P484, S6.0-P601-P610, S7.0-P702-P714
S4.3	Geodynamics
S4.3-P413	A progress report on the subsurface electrical resistivity structure obtained from the Network-MT survey in the vicinity of area with a forthcoming slow slip event in the SW part of the Shikoku Island, SW Japan Uyeshima, M., Hata, M., Ichihara, H., Yoshimura, R., Aizawa, K.
S4.3-P464	MT Observations in the Kitakami Mountains, NE Japan: Heavy current channelings and 3d resistivity model Fukai, M., Ogawa, Y., Tseng K.H., Bertrand, E.A., Kinoshita, Y., Ichiki, M.
S4.3-P471	Resistivity structure in Akita prefecture, northeast of Japan Sakanaka, S.
S4.3-P472	Role of fluids in the earthquake generation: The Nagamachi-Rifu reverse fault, Northeast Honshu, Japan S.B. Tank, Y. Ogawa
S4.3-P484	Three-Dimensional Magnetotelluric Imaging of the Cascadia Subduction Zone (NW USA) with an Amphibious Array G.D. Egbert, B. Yang, P. Bedrosian, A. Kelbert, K. Key, D. Livelybrooks, B. Paris and A. Schultz
	Session 6. Rock and Mineral Resistivity, and Anisotropy
S6.0-P601	Detectability of the resistivity anisotropy using the CSRMT method with a horizontal electric dipole Shlykov A., Saraev A.
S6.0-P602	Electrical Properties of Carbonate Rocks - Insights from Multi-Method Laboratory Investigations Börner, J.H., Herdegen, V., Rieger, A., Repke, J.-U., Spitzer, K.
S6.0-P603	Electrical resistivity imaging over a buried elongated dipping conductor using Dipole-dipole and quasi null configurations Zubair, M., Devi, A., Israil, M., Gupta, P.K.
S6.0-P604	Estimation of the anisotropy using CSRMT data in the transition zone of electric dipole Shlykov A., Agrahari S., Antaschuk K., Saraev A., Simakov A.
S6.0-P608	The electrical structure beneath Harrat Rahat – crustal anisotropy in response to asthenospheric flow Bedrosian, P. A., Peacock, J., Dhary, M., Sharif, A., Zahran, H.
S6.0-P609	Synthesizing Seemingly Contradictory MT and Seismic Results to Image Thick Thermal Lithosphere beneath the Southeastern United States Murphy, B.S., Egbert, G.D.
S6.0-P610	An upper bound on the electrical conductivity of oceanic mantle at the limit of hydration: the role of pyroxenes Naif, S.

	Session 7. Global and Planetary Studies
S7.0-P702	Current-loop parameterization of external field sources for satellite induction studies Valentová, L., Velímský, J.
S7.0-P703	Do ocean tidal signals influence recovery of solar quiet variations? Guzavina, M., Grayver, A., Kuvshinov, A.

S7.0-P705	Estimation of electrical conductivity structure of the mantle by using Sq source model of GAIA Koyama, T., Murata, Y., Fujita, S., Fujii, I., Baba, K., Miyoshi, Y., Fujiwara, H., Jin, H., and Shinagawa, H.
S7.0-P706	External initiation of the geodynamo via inductive heating Everett, M.E.
S7.0-P707	Forecasting Solar Wind Velocities from Coronal Hole Properties using Machine Learning Techniques Garton, T., Companyà, J., Gallagher, P., Murray, S., Jackson, D.
S7.0-P708	Modeling global magnetic fields in the daily variation band for mantle induction studies G.D. Egbert, P. Alken, A. Maute, and A. Richmond
S7.0-P709	Modelling of electromagnetic signatures of global ocean circulation: Physical approximations and numerical issues Šachl, L., Martinec, Z., Velímský, J., Grayver, A., Irrgang, C., Kuvshinov, A., Petereit, J., Saynisch, J., Einšpigel, D., Schnepf, N.E.
S7.0-P710	On the modelling of M2 tidal magnetic signatures: Effects of physical approximations and numerical resolution Velímský, J., Grayver, A., Kuvshinov, A., Šachl, L.
S7.0-P712	Swarm in global EM induction studies Grayver, A., Kuvshinov, A., Olsen, N., Sabaka, T., Tøffner-Clausen, L.
S7.0-P713	Three-dimensional MT modeling in a spherical Earth Grayver, A., Kuvshinov, A.
S7.0-P714	On the boundary between the brittle and ductile parts of the continental Earth's crust Zhamaletdinov, A.A.

	Sunday 19 Aug
	Session S5. Marine & Session & 8. EM Induction Education and Outreach
09:30 - 10:00	Poster introductions: S5 & S8 in Store Scene
10:00 - 11:30	Poster viewing including break in poster hall (HAL 14 / Værftshallerne)
	Posters S5.0-P501-P527 & S8.0-P801-P810
	Session 5. Marine
S5.0-P501	2D inversion of MT data measured at Costa Rica Rift Chen, J., Jegen, M., Hobbs, R
S5.0-P503	Technology of marine magnetotelluric sounding in transition zone Epishkin, D., Yakovlev A., Yakovlev D.; presented by Nick Palshin
S5.0-P504	Investigation of the Namibian continental margin by integrating Magnetotelluric, Gravity and Seismic data in a Joint Inversion approach Franz, G., Jegen, M., Moorkamp, M., Avdeeva, A.
S5.0-P505	Creating an Oceanic Lithosphere and Asthenosphere Reference Model Macfarlane, J., Heinson, G.
S5.0-P506	3D Electromagnetic Imaging of the Santos Basin by Marine Magnetotelluric Studies Paula Lima Ribeiro, Sergio Luiz Fontes
S5.0-P507	Removing orientation dependence and galvanic distortions in marine MT data by the quadratic equation: application to data from Gulf of California, México Montiel-Álvarez, A., Romo, J.M., Gómez-Treviño, E., Constable, S.
S5.0-P508	Studying offshore geothermal prospects using MT and CSEM methods Reyes-Ortega, V., Aviles-Esquivel, T., Constable., S, González-Fernández, A., Gómez-Treviño, E., Flores-Luna, C.
S5.0-P509	Unextractable partial melt in the oceanic asthenosphere: Evidence from new geophysical constraints Selway, K., O'Donnell, J.P.,
S5.0-P510	Volcanic activity of Nishinoshima volcano in Izu-Bonin arc estimated by VTM and OBEMs observation Tada, N., Baba, K., Hamano, Y., Ichihara, H., Sugioka, H., Koyama, T., Takeo, M.
S5.0-P511	Study on Gas Hydrate Targets in the Danube Delta with the Sputnik Controlled-Source Electromagnetic System Duan S., Hölz S., Jegen, M
S5.0-P512	Using marine controlled-source electromagnetics to study potential offshore groundwater: Canterbury Basin, New Zealand Faghih, Z., Weymer, B. A., Jegen-Kulcsar, M., Duan, S., Haroon, A., Hölz, S., Schwalenberg, K., Micallef, A., Mountjoy, J., Woelz, S.
S5.0-P513	Large submarine aquifers on the US Atlantic continental shelf Gustafson, C., Key, K., Evans, R., Blatter, D.
S5.0-P514	Exploring ocean circulation's geoelectric fields with Pacific Ocean submarine voltage cables Schnepf, N. R., Nair, M., Thomas, N. P., Kuvshinov, A.
S5.0-P516	Controlled Source Electromagnetics data analysis to evaluate fluid flow pathways associated with CCS sites Naima K. Yilo, Romina Gehrmann, Jonathan M. Bull, Timothy A. Minshull, Axel Tcheheumeni Djanni and Christian Bern
S5.0-P517	2D Inversion of time-domain controlled source electromagnetic and differential electrical dipole data based on an update of MARE2DEM to the time-domain Haroon, A., Jegen.Kulcsar, M., Duan, S., Faghih, Z., Weymer, B., Hölz, S., Tezkan, B.
S5.0-P518	An adaptive finite-element method for 3D time-domain CSEM modelling Zhejian, Hui, Changchun, Yin, Yunhe, Liu, Bo, Zhang, Xiuyan, Ren, Jinfeng, Li, Jing, Cai
S5.0-P519	Marine CSEM inversion using rotational invariants and its application to the Black Sea data Gang Li, Marion Jegen, Sebastian Hölz and Shuangmin Duan
S5.0-P520	A Preliminary study on air wave separation from Marine CSEM Data by using Fictitious Wave Domain Modelling Jie Lu, Yuguo Li
S5.0-P521	Reducing electromagnetic noise induced by short-period ocean waves in marine MT data sets using wavelet analysis Baoqiang Zhang, Jianxin Pei
S5.0-P523	1D anisotropic inversion of marine CSEM data Ming L., Yuguo L.
S5.0-P524	Adapting Better Interpolation Methods to Model Amphibious MT Data Along the Cascadian Subduction Zone. Parris, B., Egbert, G., Kerry, K., Livelybrooks, D.
S5.0-P526	Characterization of marine hydrothermal deposits from petrophysics and frequency-domain central loop electromagnetic soundings Müller, H., Reeck, K., Schwalenberg, K.
S5.0-P527	Quantification and reduction of platform immanent bias factors on frequency and time domain coil data Reeck, K., Müller, H., Hölz, S.
	Session 8. EM Induction Education and Outreach (Poster session)
S8.0-P801	Aleksandrovka Geophysical Field Camp: a place for probing new EM technologies Aleksanova E., Kulikov V., Shustov N., Yakovlev A.
S8.0-P802	Creating a Virtual Research Environment for online discovery, access and processing of magnetotelluric (MT) data in data-intensive environments Rees, N., Evans, B., Wang, J., Heinson, G., Wyborn, L., Druken, K., Conway, D.
S8.0-P803	CrowdMag: An Opportunity for Science and Outreach Schnepf, N., Meyer, B., Nair, M., Saltus, R., Boneh, N., Chulliat, A., Woods, A., Alken, P.
S8.0-P804	Imaging of near-surface structures and their properties using reflected electromagnetic waves Korja, T., Smirnov, M., Rasmussen, T.M.

S8.0-P805	Making geo-electromagnetic (magnetotelluric) data accessible via EPOS portal M.Yu. Smirnov, T. Korja, T.M. Rasmussen, P. Hejda, S. Flower, A. Chambodut , J.J. Curto , J. Matzka , A. Thomson , A. Viljanen, K. Kauristie
S8.0-P806	ModEMM: Object Oriented MATLAB Codes for student projects in 3D EM Modeling G.D. Egbert, M. Smirnov, M. Cherovatova, Z. Guo. H. Zhang, and J. Gao
S8.0-P807	The Frank Arnett Award: Data visualisation and integration Heinson, G., Chen, J., Collins, L., Kay, B., Lee, K., Mahlkecht, R., McDonald, S., Nixon, A., Reiger, M., Romyn, T., Stinear, M.
S8.0-P808	The National Exploration Undercover School (NExUS) Heinson, G., Lilly, R.
S8.0-P809	The Polish contribution to EMTDAMO - Magnetotelluric data and models within the EPOS project Neska, A., Brasse, H.
S8.0-P810	The SAGE field program: Learning EM by doing EM Pellerin, L., Bedrosian, P. A., Feucht, D. W., Peacock, J. R., Jiracek, G.

Next EMIW posters to be viewed in Turkey 2020!
Happy writing, innovative thinking, ground breaking thoughts and fruitful talks
with colleagues meanwhile.