

EMIW2022 Program: Oral session, Poster Session, BMs, Social events

Sunday, 11 September, 2022

12:00 - 17:00	Registration & Poster installation
17:00 - 19:00	Ice-breaker Cocktail

Monday, 12 September, 2022

08:30 - 09:00		Opening remarks
09:00 - 09:15		Poster Introductions
09:15 - 10:00	Review 1	Near surface EM technologies- Archaeological and environmental applications <i>Irfan Akca</i>
10:00 - 10:15		Poster Session Opening
10:15 - 11:00		Poster Session P1.1 - Instrumentation, Sources and Data Processing Poster viewing including break in poster hall
	P1.1.01	Theory and practice of Controlled Source Audio-frequency Magnetotellurics: discussion on two case studies in France, at the Rochechouart impact structure and at the Strengbach catchment <i>P. Sailhac, Y. Quesnel, M. Lajaunie, S. Warden, C. Camerlynck, P. Lambert and J.-P. Malet</i>
	P1.1.02	The maximum possible distances to the remote reference when working in medium and high latitudes <i>D. Epishkin, A. Gubina, E. Shirokova and A. Yakovlev</i>
	P1.1.03	New long-period magnetotelluric measurements to improve ground electric field modelling in the UK during geomagnetic storms <i>E. Eaton, J. Huebert, C. Beggan, A. Montiel-Alvarez, A. Thomson, C. Hogg and D. Kiyon</i>
	P1.1.04	Hilbert transform of the frequency normalized impedance data: Application to the dispersion relations in magnetotellurics <i>A.T. Başokur</i>
	P1.1.05	Synchronization optimization providing for MT stations at grid survey <i>A. Prystaj, V. Pronenko and A. Bondarev</i>
	P1.1.06	Smart data selection - Using machine learning for RMT data processing <i>A. Platz and U. Weckmann</i>
	P1.1.07	Shaky data and where to find them - MT on frozen lakes <i>C. Patzer, U. Autio and J. Kamm</i>
	P1.1.08	Results of FDEM-(CS)AMT test studies on the Alexandrovka area <i>E. Ermolin, N. Zorin, D. Epishkin and D. Sapunov</i>
	P1.1.09	Distribution of source effects in the high latitude magnetotelluric data <i>S. Sanaka and Anne Neska</i>
	P1.1.10	On the correctness of using plane-wave assumption and two-channel acquisition systems in MT exploration at high latitudes <i>D. Yakovlev, E. Pogrebnykh, D. Epishkin and A. Yakovlev</i>

		Oral Session O1.1 - Instrumentation, Sources and Data Processing
11:00 – 11:15	O1.1.1	Archaeological prospecting using drone-towed electromagnetic and magnetic systems <i>T. B. Vilhelmsen</i>
11:15 – 11:30	O1.1.2	Identifying the causes for the vertical component geomagnetic field anomaly at Eskdalemuir geomagnetic observatory, Scotland <i>G. Wang, J. Hübert and K. A. Whaler</i>
11:30 – 11:45		Coffee Break
		Oral Session O1.2 - Instrumentation, Sources and Data Processing
11:45 – 12:00	O1.2.1	From Coast to Coast: Ongoing Magnetotelluric Data Processing for the National-Scale Survey, USMTArray-CONUS South <i>J. Crosbie, P. Bedrosian and A. Kelbert</i>
12:00 – 12:15	O1.2.2	ELMAR - the ELeCTroMAGnetic Recorder <i>O. Ritter, S. Rettig, R. Schmitt, M. Haxter, C. Müller-Brettschneider and U. Weckmann</i>
12:15 – 12:30	O1.2.3	Hybrid receiving dipole for broadband electric field measurement <i>N. Zorin, D. Epishkin, D. Yakovlev and A. Yakovlev</i>
12:30 – 13:30		Lunch
14:00 – 14:45	Review 2	Unravelling electrical structure of the mantle with ionospheric, magnetospheric and oceanic electromagnetic sources <i>A. Grayver</i>
14:45 – 15:45		Poster Session P1.2 - Instrumentation, Sources and Data Processing Poster Session P2.1 - Theory, Modelling and Inversion
	P1.2.01	Measurement of noise characteristics of graphite electrodes in the field and comparison with other types of non-polarizing electrodes <i>D. Epishkin and N. Zorin</i>
	P1.2.02	Aurora: An open source magnetotelluric data processing package in Python linking MTH5 to EMTF XML <i>K.N. Kappler, G. Egbert, A. Frassetto, L. Heagy, A. Kelbert, L. Keyson, D. Oldenburg, J.R. Peacock and T. Ronan</i>
	P1.2.03	Open-source Python software for the visualization of magnetotelluric data and three-dimensional resistivity models <i>A. T. Başokur</i>
	P1.2.04	The effect of radar trace number on tomographic images of cylindrical objects obtained by using GPR <i>O. Apaydın, T. İşseven, Y. Çıtır, S. Parker and I. Erer</i>
	P1.2.05	Full correction of the electric field data biased by the ECR-effects <i>N. Zorin, D. Epishkin, D. Yakovlev and A. Yakovlev</i>
	P1.2.06	Cloud connected low power, low noise systems for LMT & MT <i>V. Pronenko, K. Strack and A. Prystai</i>
	P1.2.07	EM-ACROSS System: Installation at the Kusatsu-Shirane Volcano, Japan <i>S. Serita, Y. Ogawa, K. Ishizu, K.H. Tseng, T. Kunitomo, T. Minami, H. Ichihara, T. G. Caldwell, W. Heise and E. A. Bertrand</i>
	P1.2.08	Towards a AFMAG-capable airborne EM Sensor Platform - Identification of Noise Sources <i>A. Thiede and M. Becken</i>
	P2.1.01	Regularization of VLF inversion using rank order smoothing <i>G. Karcioğlu, A. B. Tekkeli, Ü. Avşar, M. A. Üge and M. S. Arslan</i>
	P2.1.02	Frequency dependent complex resistivity inversion in 3D from Controlled-Source Electromagnetic data <i>J. Porte, F. Bretaudeau and J-F. Girard</i>
	P2.1.03	Gradient and roughness regularization operators for geophysical inversion on unstructured meshes using L2 and L1 norms

		<i>M. Kangazian and C. Farquharson</i>
	P2.1.04	1D and 3D Inversion and Modelling of Airborne Transient Electromagnetic and Magnetic Data from Over a Potential Volcanogenic Massive Sulphide Deposit, Cripple Creek, Newfoundland <i>A. Demirbas and C. G. Farquharson</i>
	P2.1.05	2D U-Net convolutional networks for 1D inversion of magnetotelluric data <i>M. R. Jevinani, B. H. Dehkordi, M. H. Rohban and I. J. Ferguson</i>
	P2.1.06	3D Minimum-structure Inversion for CSEM Problems Using Potentials and Unstructured Tetrahedral Grids <i>K. B. Kara and C. G. Farquharson</i>
	P2.1.07	ModEM software: An update on the improvements, availability, and performance metrics <i>A. Kelbert, G. Egbert, H. Dong, N. Meqbel and L. Zhongyin</i>
	P2.1.08	A MATLAB FE Library for the Simulation and Inversion of EM Problems <i>J. Blechta, R.-U. Börner, O. Ernst, M. Scheunert and Klaus Spitzer</i>
	P2.1.09	3D modeling of CSEM data in the radio frequency band with different sources <i>S. Schöttle, M. Smirnova, B. Tezkan, P. Yogeshwar and M. Smirnov</i>
	P2.1.10	CRT3DMT: A three-dimensional magnetotelluric inversion package with adaptively refined unstructured inversion grid and an application to lithospheric conductivity structure beneath North China <i>H. Chen, Z. Ren and J. Tang</i>
15:45 – 16:00		Coffee Break
		<i>Oral Session O2.1 - Theory, Modelling and Inversion</i>
16:00 – 16:15	O2.1.1	3D inversion of an integrated TEM survey <i>L. Xiao, G. Fiandaca, P. K. Maurya and A. V. Christiansen</i>
16:15 – 16:30	O2.1.2	Joint Probabilistic Inversion of 3D Magnetotelluric and Seismic Data in Southeast Australia <i>M.C. Manassero, J.C. Afonso, S. Özaydin, A. Kirkby, I. Fomin, A.G. Jones and K. Czarnota</i>
16:30 – 16:45	O2.1.3	Petrophysical-based constrained and joint inversions of magnetotelluric (MT) and gravity data-sets on unstructured tetrahedral meshes <i>M. Kangazian and C. Farquharson</i>
16:45 – 17:00		Break
17:00 – 18:00		Discussions
19:00 -		WNE (Women's Networking Event); venue TBD

Tuesday, 13 September, 2022

08:30 – 08:45		Poster Introductions
08:45 – 09:30	Review 3	Electromagnetic Measurements on Volcanic Islands <i>D. Kiyon</i>
09:30 – 09:45		Coffee Break
09:45 – 10:30		Poster Session P2.2 - Theory, Modelling and Inversion Poster viewing including break in poster hall
	P2.2.01	UHOMT: A novel 3D finite element Magnetotelluric forward modeling code with unstructured meshes <i>D. Ruiz-Aguilar and E. U. Gallardo-Romero</i>
	P2.2.02	3D Inversion of Controlled-Source Electromagnetic Data using Non-linear Conjugate Gradients <i>P. Rulff and T. Kalscheuer</i>
	P2.2.03	2D and 3D Forward modeling of electromagnetic fields in the time domain using Discontinuous Galerkin Method and Spectral Element Method <i>B. Valdés-Moreno, M. A. Pérez-Flores and J. D. De Basabe</i>
	P2.2.04	Time-dependent adaptive mesh refinement for 3D forward modelling of transient electromagnetic fields in volcanic environments including topography <i>C. Schneider, K. Spitzer and M. Hort</i>
	P2.2.05	A parallel adaptive finite-element method for 3-D large-scale controlled-source electromagnetic forward modelling with hierarchical tetrahedral grids <i>Z. Liu, Z. Ren, H. Yao, J. Tang, X. Lu and C. Farquharson</i>
	P2.2.06	3D EM modeling and inversion with a mixed finite-element and finite-difference approach to handle high topography and bathymetry variations <i>S. Védrine, R. Rochlitz and F. Bretaudeau</i>
	P2.2.07	Multi-scale 3-D conductivity model of the contiguous US from the inversion of MT USArray <i>F. Munch and A. Grayver</i>
	P2.2.08	Joint inversion of magnetotelluric data and receiver functions using Pareto-based swarm intelligence algorithm <i>E. Büyük and E. Zor</i>
	P2.2.09	Development of an efficient 3D inversion algorithm for large-scale MT data <i>A. Singh and R. Dehiya</i>
	P2.2.10	3-D Modeling of Airborne and Land-based Controlled-Source Electromagnetic Data: Comparison on CPU and GPU Platform <i>İ. Demirci</i>
	P2.2.11	POLYEM3D: A flexible 3D CSEM and MT modeling and inversion code <i>F. Bretaudeau, F. Dubois, J. Porté and S. Védrine</i>
		Oral Session O2.2 - Theory, Modelling and Inversion
10:30 – 10:45	O2.2.1	True 3D Land CSAMT Modeling <i>W. Soyer and R.L. Mackie</i>
10:45 – 11:00	O2.2.2	Using deep learning for model error estimation in 3D probabilistic inversion of controlled-source electromagnetic data <i>M. W. Elías, M. Rosas-Carbajal and F. I. Zyserman</i>
11:00 – 11:15	O2.2.3	Surface geometry inversion of marine CSEM data <i>X. Lu, C. Galley, P. Lelièvre and C. Farquharson</i>

11:15 – 11:30	O2.2.4	Applying a multi-transmitter hybrid Conjugate Gradient-Occam algorithm to the inversion of 3D mCSEM data <i>W. Lima, G. Egbert, N. Meqbel, A. Benevides, S. Fontes, E. LaTerra and P. Werdt</i>
11:30 – 11:45		Coffee Break
		Oral Session O2.3 - Theory, Modelling and Inversion
11:45 – 12:00	O2.3.1	Real-time simulation of the electromagnetic field spatiotemporal evolution due to geomagnetic disturbances <i>M. Kruglyakov, A. Kuvshinov and E. Marshalko</i>
12:00 – 12:15	O2.3.2	HIP-FEM: A Hierarchical, Induced Polarization Finite Element Method for analysis of thin, dispersive, geoelectric features <i>C.J. Weiss, G.D. Beskardes and A. Darrh</i>
12:15 – 12:30	O2.3.3	3-D radio-frequency CSEM at the Weidenpesch waste site in Cologne <i>M. Smirnova, B. Tezkan, A. Shlykov, S. Fadavi, A. Saraev and P. Yogeshwar</i>
12:30 – 13:30		Lunch / DC Members Meeting
14:00 – 14:45	Review 4	Electromagnetic Modeling Using Adaptive Grids - A Reflection on the Term Geometry <i>K. Spitzer</i>
14:45 – 15:45		Poster Session P2.3 - Theory, Modelling and Inversion
	P2.3.01	Magnetotelluric system NORD <i>D. Epishkin, A. Yakovlev, D. Yakovlev and N. Zorin</i>
	P2.3.02	Well integrity monitoring with electric fields by using hierarchical geo-electric models <i>G.D. Beskardes and C.J. Weiss</i>
	P2.3.03	Magnetotelluric imaging of the Mitidja Basin structure, North of Algeria <i>N. Kerbadj, A. Bouzid and A. S. Kasdi</i>
	P2.3.04	Sensitivity of phase tensors to absolute resistivities in a 3-D world <i>L. Dambly, F. Samrock, A. V. Grayver and M.O. Saar</i>
	P2.3.05	Conductivity structure beneath Australia constrained by 3-D inversion of tippers in spherical geometry <i>F. Cicchetti, A. Grayver, R. Rigaud, A. Kuvshinov and A. Yoshikawa</i>
	P2.3.06	Constraining the 1-D electrical conductivity of the crust and mantle beneath continents by the joint inversion of multi-source electromagnetic transfer functions <i>R. Rigaud, A. Kuvshinov, A. Grayver, F. Perrier and M. Kruglyakov</i>
	P2.3.07	Dual L-shape model: a possible cause of anomalous magnetotelluric phase in central India <i>K. Raju and P. K. Patro</i>
	P2.3.08	Three-Dimensional Inversion of Magnetotelluric Data from the Tarawera Dome Complex, New Zealand <i>P. Semper, E. A. Bertrand, G. Caldwell, W. Heise, M. Scheunert and K. Spitzer</i>
	P2.3.09	Plane wave correction and 3D inversion of tensor CSRMT data <i>A. Shlykov, A. Saraev, N. Bobrov and B. Tezkan</i>
	P2.3.10	Convolutional Neural Networks Applied to 2D and 3D DC Resistivity Inversion <i>S. Weit, R.-U. Börner, M. Brändel, P. Gödickmeier, R. Gootjes, S. Kost, O. Rheinbach, M. Scheunert and K. Spitzer</i>
	P2.3.11	Multivariate statistical analysis of geophysical data and models by neural network approaches <i>R. Vadoodi, T.M. Rasmussen and M. Abdolmalek</i>
	P2.3.12	Application of the skew parameters in 1-D and 2-D inversion of MT data <i>D. Yakovlev, K. Koryagin, D. Epishkin, N. Zorin and A. Yakovlev</i>
	P2.3.13	Impedance of capacitive electrodes and wires on the ground surface

		<i>N. Zorin, D. Epishkin, D. Yakovlev and A. Bobachev</i>
	P2.3.14	3D imaging of electrical conductivity structures in the Eastern Cheb Basin across the Hartoušov and Bublák mofettes <i>B. Aleid, U. Weckmann, A. Platz, J. Pek, S. Kováčiková and R. Klanica</i>
	P2.3.15	Time-lapse resistivity imaging: CSEM-data 3D double-difference inversion and application to the Reykjanes geothermal field <i>F. Dubois and F. Bretaudeau</i>
	P2.3.16	Global Optimization Inversion of Horizontal Electric Dipole Time-Domain Electromagnetic Data Using Particle Swarm Optimization <i>C. A. Hapsoro, W. Srigutomo and E. Agustine</i>
15:45 – 16:00		Coffee Break
		<i>Oral Session O2.4 - Theory, Modelling and Inversion</i>
16:00 – 16:15	O2.4.1	Hybrid GPU solution to regularized divergence-free curl-curl equations for electromagnetic inversion problems <i>H. Dong, K. Sun, G. Egbert, A. Kelbert and N. Meqbel</i>
16:15 – 16:30	O2.4.2	Speeding up the inversion of the 3D MT problem <i>D. Varilsüha</i>
16:30 – 16:45	O2.4.3	Open-source 3D inversion of semi-airborne electromagnetic data <i>R. Rochlitz, T. Günther and M. Becken</i>
16:45 – 17:00		Break
17:00 – 18:00		Discussions
18:00 – 19:30		Business Meeting

Wednesday, 14 September, 2022

Excursion

Thursday, 15 September, 2022

08:30 – 08:45		Poster Introductions
08:45 – 09:30	Review 5	Electromagnetic studies in the Eastern Mediterranean Region with Special Reference to Major Transform (Strike-Slip) Faults <i>S. Tank</i>
09:30 – 09:45		Coffee Break
09:45 – 10:30		Poster Session P2.4 - Theory, Modelling and Inversion Poster viewing including break in poster hall
	P2.4.01	Singular Value Decomposition of the Phase Tensor <i>M. Karaş and S. B. Tank</i>
	P2.4.02	Modelling tippers in a spherical geometry <i>M. Kruglyakov and A. Kuvshinov</i>
	P2.4.03	Anomalous Phase in Elongated Prism Body: A Synthetic 3D MT Forward Modelling <i>D. Kumar, Arun Singh and M. Israil</i>
	P2.4.04	Electrical resistivity tomography image enhancement using neural network <i>K. Phueakim, C. Vachirastienchai and P. Amatyakul</i>
	P2.4.05	Hydrothermal system beneath Mt.Erciyes inferred from Three-dimensional Magnetotellurics, Central Anatolia, Türkiye <i>R. Yazıcı, M.Karaş, S. Üner and S.B. Tank</i>
	P2.4.06	Static shift correction in sedimentary basins <i>D. Yakovlev and A. Yakovlev</i>
	P2.4.07	Near surface resistivity structure estimated from time domain electromagnetic data recorded along a profile in HFT Zone in Mohand area, Uttarakhand, India <i>M. Israil, R. R. Ansari, M. Zubair, P. Yogeshwar and B. Tezkan</i>
	P2.4.08	Some fragments of my 70 years activity in EM geophysics <i>I. I. Rokityansky</i>
	P2.4.09	Improving geophysical model resolution with magnetotelluric and gravity joint inversion: application to the Asal Rift geothermal region, Republic of Djibouti <i>R. R. Rageh, P.I Tarits, S. Hautot and M. Jalludin</i>
	P2.4.10	3D inversion of drone EM data -- the DroneSOM project <i>L. Xiao, C. Patzer and J. Kamm</i>
		Oral Session O2.5 - Theory, Modelling and Inversion
10:30 – 10:45	O2.5.1	Application of the total and scattered field decomposition and perfectly-matched layers to improve the accuracy in electromagnetic modelling <i>L. M. Buntin, T. Kalscheuer, G. Kreiss and Z. Ren</i>
10:45 – 11:00	O2.5.2	An efficient 3D EM modeling scheme based on a radiation boundary approach <i>R. Dehiya and A. Singh</i>
11:00 – 11:15	O2.5.3	Electromagnetic imaging using high-order FE and goal-oriented meshing <i>O. Castillo-Reyes, P. Rulff and E. S. Um</i>
11:15 – 11:30	O2.5.4	2D Electrical Resistivity Modelling on highly distorted, non-smooth, rough grids <i>D. Suryavanshi, R. Dehiya</i>
11:30 – 11:45		Coffee Break
		Oral Session O3.1 - Exploration, Monitoring and Hazards
11:45 – 12:00	O3.1.1	Drone based experimental TEM surveys over Lake Baikal and a uranium occurrence <i>V. Hallbauer-Zadorozhnaya, Yu. A. Davydenko, A. V. Parshin and E. Stettler</i>
12:00 – 12:15	O3.1.2	Regional to Deposit scale exploration in Fennoscandia based on mineral systems approach

		<i>M. Yu. Smirnov, G. Hill, J. Kamm, J. Vozar, Jirigalatu, P. Mishra, K. Muhumuza and D-REX Working Group</i>
12:15 – 12:30	O3.1.3	Results from the DESMEX semi-airborne EM survey at the Gosetal/Rammelsberg (Harz Mountains, Germany) <i>A. Thiede, M. Becken, P.O. Kotowski and the DESMEX Working Group</i>
12:30 – 13:30		Lunch / DC Members Meeting
14:00 – 14:45	Review 6	Electromagnetic technology for prospecting unconventional hydrocarbon resources <i>L. Yan</i>
14:45 – 15:45		Poster Session P3.1 - Exploration, Monitoring and Hazards
	P3.1.01	Using 3-D electrical conductivity model for understanding geological units of nonvolcanic geothermal reservoirs <i>B. Erdenechimeg, F. Samrock, A.V. Grayver, A. Kuvshinov, M.O. Saar, D. Sodnomsambu, Ts. Shoovdor and P. Dorj</i>
	P3.1.02	Exploration of deep aquifer in North Jordan using TEM and MT <i>G. Kapinos, N. Atteyat, N. Jahed, F. Brückner, F. Lindenmaier, A. Margane, M. Toll and P. Yogeshwar</i>
	P3.1.03	Exploration of geothermal areas at the central part of Mexico through the application of Magnetotellurics and Transient Electromagnetics <i>D. Ruiz-Aguilar, E. García-Suárez, I. J. Cruz-Aquino, E. Pioquinto-Arcos, L. S. Roque-Pineda, L. Peiffer, C. Inguaggiato, L. Delgado-Argote, M. Contreras-López, and C. Arango-Galván</i>
	P3.1.04	Determination of the cap rock integrity in the Çanakkale-Tuzla hydrothermal system from inversion of magnetotelluric data by using particle swarm optimization <i>E. Büyük and A.Karaman</i>
	P3.1.05	Magnetotelluric investigations in the Ubaye valley, Western Alps: a connection between electrical conductivity, fluids, and earthquakes? <i>S. Byrdina, J-L. Got, L. Metral, P. Hering, M. Baques, L. De Barros, S. Garambois, P. Gueguen and V. Rath</i>
	P3.1.06	Two-dimensional electrical resistivity model of Sabalan geothermal field using Magnetotelluric data <i>G. A. Fanaee Kheirabad and B. Oskooi</i>
	P3.1.07	Analysis of Geothermal Manifestation Distribution at Blawan-Ijen Geopark, East Java, Indonesia based on Magnetotelluric and Gravity Data for Determining the Recommendation of PLTP Location <i>A. Ibrahim, C. A. Hapsoro and S. Zulaikah</i>
	P3.1.08	Interpretation and modeling of airborne and ground magnetometry data for a geothermal reservoir in the Abgarm region of Mahallat in Iran <i>B. Oskooi, A. Junge, S. H. Hosseini, B. H. Dehkordi and S. M. Ghiasi</i>
	P3.1.09	New insight of the hydrothermal system associated with Tolhuaca volcano (South Chile) revealed by magnetotelluric observations <i>M. Pavez, D. Diaz, V. Goldberg, H. Brasse, I. Budach, G. Kapinos and E. Schill</i>
	P3.1.10	Magnetotelluric imaging of a shallow groundwater system in central Zagros, Iran <i>M. Montahaei</i>
	P3.1.11	Large-scale mineral system study in Finland using 3D magnetotellurics <i>P. K. Mishra, J. Kamm, C. Patzer, U. Autio, K. Vaittinen, K. Muhumuza, M. Yu. Smirnov, G. Hill and D-Rex Working Group</i>
	P3.1.12	Deep mineral exploration using semi-airborne electromagnetics: Investigation of a graphite deposit

		<i>W. Mörbe, P. Yogeshwar, B. Tezkan, P. Kotowski, A. Thiede, M. Becken, A. Steuer, H. Petersen, M. Schiffler, R. Stolz, R. Rochlitz and T. Günther</i>
	P3.1.13	The value of full tensor magnetotellurics, gravity and electrical resistivity tomography for Lithium prospecting. A case study in Argentina <i>A. Curcio, E. Chanampa, L. Cabanillas and R. Piethe</i>
	P3.1.14	Whole-lithosphere architecture of a mineral system and signatures of the sources and pathways of ore-forming fluids <i>M. J. Comeau, M. Becken and A. V. Kuvshinov</i>
	P3.1.15	3-D Magnetotelluric Forward and Inversion of the Chicontepec oil basin <i>O. Avila, F. Corbo and C. Castro</i>
	P3.1.16	Sedimentary copper mineral systems: Large scale resistivity footprints in the Adelaide Rift Complex, South Australia <i>B. Kay, G. Heinson, K. Brand, S. Thiel and G. Boren</i>
	P3.1.17	Crustal geoelectrical distribution of Kalgoorlie gold camp mineral system (Western Australia) <i>P. Piña-Varas, M.C. Dentith</i>
15:45 – 16:00		Coffee Break
		Oral Session O3.2 - Exploration, Monitoring and Hazards
16:00 – 16:15	O3.2.1	Examination of geomagnetic data as precursors of the September 5, 2018 (MW = 6.6) and August 20, 2016 (MW = 6.0) earthquakes in Japan <i>H. Taherinia and S. Pourbeyranvand</i>
16:15 – 16:30	O3.2.2	Recognition of pre- and co-seismic electromagnetic signals in magnetotelluric measurements: a case study in the northern region of Algeria <i>A. S. Kasdi, M. Hamoudi, A. Bouzid and N. Kerbadj</i>
16:30 – 16:45	O3.2.3	Investigation of Earthquake Swarm and Buried Geothermal Resources by Magnetotelluric, Gravity Modeling and Seismological Analyses of Upper Crust Structure of Yalova-Termal Region <i>E. Pekşen, D. Çaka, B. Tunç, B. Oruç, E. Budakoğlu, T. Türkmen, F. Sevim, D. Durdağ, K. Zengin, M. E. Erkan, G. Durdağ and Ş. Barış</i>
16:45 – 17:00		Break
17:00 – 18:00		Discussions

Friday, 16 September, 2022

08:30 – 08:45		Poster Introductions
		Oral Session O3.3 - Exploration, Monitoring and Hazards
08:45 – 09:00	O3.3.1	Assessment of geoelectric field variability in Yenisei-Khatanga oil and gas province and space weather hazards for infrastructure <i>E. Yu. Sokolova, E. E. Marshalko, O. V. Kozyreva, I. S. Kupriyanov, D. V. Epishkin, G. E. Slinchuk, D. V. Yakovlev</i>
09:00 – 09:15	O3.3.2	Induction Responses from Magnetotelluric Transfer Functions in Southland, New Zealand <i>K. Pratscher, M. Ingham, W. Heise, T. Bertrand, D. Mac Manus, C. Rodger, M. Dalzell and T. Petersen</i>
09:15 – 09:30	O3.3.3	Cumbre Vieja volcanic eruption (La Palma, Canary Islands): Magnetotelluric monitoring experiment <i>P. Piña-Varas, J. Ledo, D. Martínez Van Dorth, P. Queralt, I. Cabrera Pérez, L. D'Auria and N. Pérez</i>

09:30 – 09:45		Coffee Break
09:45 – 10:30		Poster Session P3.2 - Exploration, Monitoring and Hazards Poster viewing including break in poster hall
	P3.2.01	Geophysical signature of the sedimentary/basement transition zone from seismic and CSEM. Analysis from a shallow analogue of the Rhine Graben <i>F. Bretaudeau, M. Darnet, J. Porté, C. Lerouge, S. Neeb, J.F. Girard, J.M. Baltassat, N. Coppo and C. Dezayes</i>
	P3.2.02	Combined 3D inversion of MT and CSEM-data from Malmberget northern Sweden <i>O. Rydman, M.Yu. Smirnov, H.V.D. Berg and N. Juhojuntti</i>
	P3.2.03	Experience of the solution of engineering and environmental tasks using the CSRMT method <i>A. Saraev, A. Shlykov and B. Tezkan</i>
	P3.2.04	Joint 3D inversion of nearshore and land MT and CSEM data in coastal areas of volcanic islands: application to the Bouillante geothermal field <i>S. Védrine, P. Tarits, F. Bretaudeau, S. Hautot and M. Darnet</i>
	P3.2.05	CSEM monitoring in Izu-Oshima volcano, Japan <i>T. Koyama and M. Uyeshima</i>
	P3.2.06	Magnetotelluric Images of Volcanic Zones in NE Japan Arc and Co-Seismic Deformations during the 2011 Tohoku M9 Earthquake <i>S. Masuda, Y. Ogawa and M. Ichiki</i>
	P3.2.07	First experience with high power EM towards the energy transition <i>K. Strack, S. Davydycheva, T. Hanstein, Y. Martinez, A.Y. Paembonam, V. Pronenko, M. Smirnov, P. Soupios and X. Xu</i>
	P3.2.08	Multidimensional inversion of transient electromagnetic data for the exploration of clay pans in the Atacama Desert, Chile <i>B. Blanco-Arrué, P. Yogeshwar, B. Tezkan, Y. Liu, R. Peng and V. Wennrich</i>
	P3.2.09	Characterization of a landfill using magnetotellurics: The Garraf case <i>A. Martí, P. Queralt, A. Marcuello, J. Ledo, G. Mitjanas, P. Piña-Varas, A. Freixes, J. Solà and P. Pons</i>
	P3.2.10	Corrections for near surface effects contaminating MT data over a salt diaper, Northwest Kashan, Iran <i>E. Zare, M. Montahaei and H. Esmaili Oghaz</i>
	P3.2.11	Current use of Frequency-domain Electromagnetic Induction in precision agriculture: Knowledge gained from six years of experiments in Portugal <i>M. Farzadian, F. A. Monteiro Santos, N., A. M. Paz, F. J. Martinez Moreno, T. B. Ramos, M. C. Paz, and M. C. Gonçalves</i>
		Oral Session O3.4 - Exploration, Monitoring and Hazards
10:30 – 10:45	O3.4.1	Geothermal exploration via magnetotelluric surveys in non-volcanic geothermal fields in northern Thailand <i>P. Amatyakul, T. Rung-Arunwan, C. Vachiratienchai and W. Siripunvaraporn</i>
10:45 – 11:00	O3.4.2	CSEM/MT imaging for deep EGS geothermal project derisking in the Upper Rhine Graben (France) <i>M. Darnet, F. Bretaudeau, P. Wawrzyniak, J.-F. Girard, G. Marquis, V. Maurer and A. Genter</i>
11:00 – 11:15	O3.4.3	Integration of magnetotelluric data with ambient seismic noise and gravity models in order to characterize geothermal fault-controlled systems. The Valles Basin case of study (NE Spain) <i>G. Mitjanas, J. Ledo, P. Queralt, P. Piña-Varas and A. Martí</i>
11:15 – 11:30	O3.4.4	Hydrothermal model of Aso volcano, Central Kyushu, Japan, inferred from AMT and ACTIVE datasets <i>T. Minami, M. Gresse and M. Utsug</i>

11:30 – 11:45		Coffee Break
		Oral Session O3.5 - Exploration, Monitoring and Hazards
11:45 – 12:00	O3.5.1	Using Magnetotelluric and Differential Magnetometer Data to Quantify Space Weather Risk in the UK High Voltage Power Transmission Grid <i>J. Hübert, C. Beggan, G. Richardson, N. Gomez Perez and A. Thomson</i>
12:00 – 12:15	O3.5.2	Time-lapse 3D CSEM for reservoir monitoring based on rock physics simulation <i>M. Ettayebi, S. Wang and M. Landrø</i>
12:15 – 12:30	O3.5.3	3D modeling and inversion of ground-based TEM data, a case study of seawater intrusion on the eastern coast of the Gulf of Aqaba, Jordan <i>J. Abu Rajab, H. El-Kaliouby, E. Al Tarazi and H. Al-Amoush</i>
12:30 – 13:30		Lunch
		Oral Session O4.1 - Tectonics, Magmatism, Geodynamics
14:00 – 14:15	O4.1.1	Inferring the roots of volcano-geothermal systems in the Rotorua and Okataina calderas with magnetotelluric models <i>E. A. Bertrand, P. Kannberg, T. G. Caldwell, W. Heise, S. Constable, B. Scott, S. Bannister, G. Kilgour, S. L. Bennie, R. Hart and N. Palmer</i>
14:15 – 14:30	O4.1.2	The formation of geothermal systems in the context of magma-assisted continental rifting: Magnetotelluric models from the Main Ethiopian Rift (MER) <i>L. Dambly, F. Samrock, A.V. Grayver, H. Eysteinnsson and M.O. Saar</i>
14:30 – 14:45	O4.1.3	Electromagnetic Study on the tenth of Ramadan City, Eastern Desert, Egypt <i>M. Mekkawi, A. Ibrahim, A. Awad, A. Khalil and M. Ibrahim</i>
14:45 – 15:45		Poster Session P3.3 - Exploration, Monitoring and Hazards Poster Session P5.1 - Marine EM
	P3.3.01	An electrical resistivity model of the San Pedro-Ceboruco graben: 3-D inversion studies and comparisons between standard and advanced Magnetotelluric transfer functions <i>C. Castro, A. Junge, H. Eysteinnsson, P. Hering, L. González-Castillo and L. Ferrari</i>
	P3.3.02	The use of the “floating” S-plane for effective interpretation of airborne TEM data <i>V. Hallbauer-Zadorozhnaya and E. Stettler</i>
	P3.3.03	Local to Regional Scale 3D study around Gallivare, Sweden based on Integration of 3D Magnetotellurics with other Geophysical Data <i>Jirigalatu, M. Yu. Smirnov, T. M. Rassmussen, O. Rydman, J. Vozar, T. Bauer, J. Gao, S. Kovachikova, N. Juhojuntti, T. Hermansson, K. McGimpsey, H. Van Den Berg, G. Hill, J. Kamm and D-REX Working Group</i>
	P3.3.04	MTHEK Project: MagnetoTelluric Assessment of the HEKla Volcano <i>D. Kiyan, Á. Benediktsdóttir, G. P. Hersir, M. T. Guðmundsson, C. J. Bean, C. Hogg, Þ. Jónsson and J. E. Jónsson</i>
	P3.3.05	Calculating geoelectric fields using a lithospheric resistivity model of the Iberian Peninsula <i>R. Hafizi, A. Martí, P. Piña-Varas, G. Mitjanas, J. Campanyà, A. Marcuello, J. Ledo and P. Queralt</i>
	P3.3.06	An assessment of galvanic distortion effects contaminating MT data from Central Iran <i>M. Sajedi, M. Montahaei and H. E. Oghaz</i>
	P3.3.07	Towards a new 3D conductivity model of the British Isles: Revisiting MT data from Isle of Skye, Scotland <i>A. Montiel-Álvarez, J. Hübert and K. Whaler</i>

P3.3.08	Geophysical Imaging of the Roter Kamm Crater in the Sperrgebiet National Park, Namibia, using TEM and AMT <i>H. Nienhaus, P. Yogeshwar, W. Mörbe, B. Tezkan, B. Lushetile and M. Melles</i>
P3.3.09	The site selection procedure for a high-level radioactive waste repository in Germany: Future application of electromagnetic methods for exploration activities <i>D. Rippe, K. Bairlein and Frank Meier</i>
P3.3.10	Donbas geoelectrical structure <i>I. I. Rokityansky and A. V. Tereshyn</i>
P3.3.11	Imagery down to one kilometer depth by airborne electromagnetics: New constraints for geological and hydrogeological modeling in volcanic contexts <i>A. Raingard, P.-A. Reninger, A. Peyrefitte, G. Martelet, B. Aunay, A. Malard and F.</i>
P3.3.12	Electromagnetic Studies on The Qarun Protected Area, Fayoum-Province, Egypt <i>M. Mekkawi, A. Ibrahim, A. Awad, A. Khalil and M. Ibrahim</i>
P5.1.01	Characterizing Offshore Freshened Groundwater in a Carbonate Shelf Using Integrated Geophysical and Geochemical Analysis: A Case Study from the Maltese Islands <i>Z. Faghih, A. Haroon, M. Jegen, C. Berndt, B. A. Weymer, K. Reeck, T. Müller and M. Schmidt</i>
P5.1.02	The dependence of the tsunami electromagnetic signals observed at islands on the subsurface resistivity <i>R. Shibahara and T. Minami</i>
P5.1.03	Revisit of the mantle electrical structure beneath the Tristan da Cuna hotspot by using a 3-D inversion based on non-conforming deformed hexahedral mesh <i>R. K. Singh, K., Baba, Y. Usui, A. Grayver, M. Jegen, A. Morschhauser, W. Geissler, J. Matzka, A. Haroon and A. Kuvshinov</i>
P5.1.04	Imaging deep resistivity in 3D in coastal areas and volcanic islands: Toward a multi-method and multi-scale approach combining land and shallow water passive and active EM <i>F. Bretaudeau, S. Védrine, P. Tarits, J-F d'Eu, Q. Daverdisse, N. Coppo, P. Wawrzyniak, S. Hautot, F. Dubois, E. Civallero, F. Beaubois, Y. Legendre and M. Darnet</i>
P5.1.05	Links between slab mantle dehydration and forearc seismogenic zone structure in the Shumagin Gap, Alaska using magnetotelluric imaging <i>D. Cordell, S. Naif, R. Evans, K. Key, S. Constable, D. Shillington and A. Bécel</i>
P5.1.06	Modelling 3D coast effects in marine magnetotelluric data using edge-based finite element method

		<i>J. Long and S. Wang</i>
15:45 – 16:00		Coffee Break
		Oral Session O4.2 - Tectonics, Magmatism, Geodynamics
16:00 – 16:15	O4.2.1	Plate coupling at the northern Hikurangi margin: new results from magnetotellurics <i>W. Heise, S. Bennie, G. Caldwell, T. Bertrand, Y. Ogawa, S. Bannister, G. Archibald, T. Nishizawa, R. Hart, N. Palmer, K. Seki, M. Fukai, K. H. Tseng and J. McGrath</i>
16:15 – 16:30	O4.2.2	Investigation of Lithosphere Structure of Northwestern Anatolia with long-period magnetotelluric: Part 1. acquisition data by using remotely controlled system and comparison to previously collected broadband magnetotelluric data <i>İ. Demirci, N. Y. Gündoğdu, M. D. Oskay and M. E. Candansayar</i>
16:30 – 16:45	O4.2.3	3D lithospheric structure beneath the Marmara Sea by Magnetotellurics <i>T. Kaya-Eken, Y. Ogawa, Y. Usui, T. Kasaya, M. K. Tunçer, Y. Honkura, N. Oshiman, M. Matsushima and W. Siripunvaraporn</i>
16:45 – 17:00		Break
17:00 – 18:00		Discussions
18:00 – 19:30		Business Meeting

Saturday, 17 September, 2022

08:30 – 08:45		Poster Introductions
		Oral Session O4.3 - Tectonics, Magmatism, Geodynamics
08:45 – 09:00	O4.3.1	3D imaging of the subsurface electrical resistivity structure in West Bohemia/Upper Palatinate covering mofettes and Quaternary volcanic structures by using Magnetotellurics <i>A. Platz, U. Weckmann, J. Pek, S. Kováčiková, R. Klanica, J. Mair and B. Aleid</i>
09:00 – 09:15	O4.3.2	Investigation of Deep Structure of Sultandag Fault by Magnetotelluric, Gravity, GNSS, and Tectonic studies; First Results <i>Ö. Özyıldırım, İ. Demirci, Ç. Özkaymak, Ö. Bektaş, C. Başaran, İ. Tiryakioğlu, D. M. Özcan and A. Yıldız</i>
09:15 – 09:30	O4.3.3	Integrated geophysical modeling of 2D/3D data in the Western Carpathians <i>J. Vozár, V. Bezák, M. Bielik and L. Ondrášová</i>
09:30 – 09:45		Coffee Break
09:45 – 10:30		Poster Session P4.1 - Tectonics, Magmatism, Geodynamics Poster viewing including break in poster hall
	P4.1.01	Magnetotelluric investigation of the Denizli graben in the Western Anatolian Extensional Province <i>Ü. Avşar and E. Türkoğlu</i>
	P4.1.02	Investigation of Lithosphere Structure of Northwestern Anatolia with long-period magnetotelluric data: Part 2. comparison to the 2D inversion of broadband and long-period magnetotelluric data <i>M. E. Candansayar, İ. Demirci, N. Y. Gündoğdu and M. D. Oskay</i>
	P4.1.03	Magnetotellurics reveals a hidden caldera and its relation to regional tectonics in the Cappadocia region, central Anatolia, Turkey <i>Ö. Hacıoğlu, A. T. Başokur, N. Meqbel, H. I. Arslan and T. Efeçinar</i>
	P4.1.04	Estimating the melt fraction of magma reservoirs using MELTS and magnetotellurics <i>D. Cordell, S. Naif, J. Troch and C. Huber</i>

	P4.1.05	Resistivity Models of Southwestern Canada: New insights into lithospheric structure, magma bodies, and geothermal systems <i>C. Hanneson and M.J. Unsworth</i>
	P4.1.06	Constraining the size and state of magma reservoirs through a quantitative approach combining MT, lab measurements and petrological modelling <i>F. Samrock, A.V. Grayver, O. Bachmann, Ö. Karakas, L. Dambly and M.O. Saar</i>
	P4.1.07	3-D model of the deep structure of the Yenisei-Khatanga regional trough <i>D. Yakovlev, G. Slinchuk and A. Yakovlev</i>
	P4.1.08	Compaction-driven fluid localization and stagnation can explain lower crustal low-resistivity zones <i>M. J. Comeau, Michael Becken and A. V. Kuvshinov</i>
	P4.1.09	The Curnamona Cube, new data and insights <i>B. Kay, G. Heinson, K. Brand, S. Thiel and G. Boren</i>
	P4.1.10	First Magnetotelluric imaging of the northern Zagros orogenic belt (Preliminary report on measured data and processing techniques) <i>Sh. Zhian, A. Junge and B. Oskooi</i>
	P4.1.11	What are the compositional causes behind electrical conductivity variations in continental lithospheric mantle? Methodology and practice for quantified interpretations <i>S. Özaydin, K. Selway, M. Moorkamp, W. L. Griffin and C. Manassero</i>
		Oral Session O5.1 - Marine EM Oral Session O7.1 - Global And Planetary Studies
10:30 – 10:45	O5.1.1	3D CSEM inversion data at Campos basin Brazil constrained by seismic and well log <i>A. Benevides, N. Meqbel, W. Lima, S. Fontes, G. Egbert, P. Werdt and E. La Terra</i>
10:45 – 11:00	O5.1.2	Comparing results from a new bottom-towed CSEM system against seismic and core data <i>R. B. King, A. Gusick, S. Constable and J. M. Maloney</i>
11:00 – 11:15	O5.1.3	Multi- EM surveying and data analysis for deep-sea seafloor massive sulphide exploration <i>K. Schwalenberg, H. Mueller, U. Barckhausen and the INDEX Exploration Team</i>
11:15 – 11:30	O7.1.1	Global induction response to 11-year period and the conductivity of the lower mantle <i>S. Constable, C. Constable, M. Korte and M. Morzfeld</i>
11:30 – 11:45		Coffee Break
		Poster Session P4.2 - Tectonics, Magmatism, Geodynamics
11:45 – 12:30	P4.2.01	Imaging of an intraplate volcanic system from source to surface <i>M. J. Comeau, M. Becken and A. V. Kuvshinov</i>
	P4.2.02	Crustal structure across Indus Tsangpo Suture zone NW Himalaya, India as revealed from Magnetotelluric study <i>C. K. Rao</i>
	P4.2.03	Long period magnetotelluric at the Antarctica: The role of asthenospheric mantle anisotropy in Glacial Isostatic Adjustment <i>L. González-Castillo, A. Madarieta-Txurruca, G. Hill, C. Castro, J. Galindo-Zaldívar and A. Junge</i>
	P4.2.04	Investigation into lithospheric mantle of Northern Tanzania utilising 3D magnetotellurics <i>S. Özaydin, K. Selway, S. Foley, P. Tarits and S. Hautot</i>
	P4.2.05	The Electrical Signature of the Manzaz and Atakor Intraplate Cenozoic Volcanism (Central Hoggar, South of Algeria) <i>Z. Boukhalfa, A. Bouzid and A. Benhallou</i>

	P4.2.06	Electrical resistivity structure beneath the southern Tohoku, Northeast Japan, inferred from a joint inversion of magnetotelluric and geomagnetic transfer functions <i>D. Diba, M. Uyeshima, M. Ichiki, S. Sakanaka, M. Tamura and Y. Usui</i>
	P4.2.07	Crustal Structure Beneath East Himalayan Syntaxis and the Relation to its Rapid Uplift and Exhumation <i>H. Dong, J. Qi, S. Jin, G. Ye and W. Wei</i>
	P4.2.08	Magnetotelluric investigations in south of Mexico to better understand the seismic hazard of the area <i>D. Ruiz-Aguilar, A. Husker, C. Arango-Galván, J. M. Romo-Jones, E. García-Suárez and S. Constable</i>
	P4.2.09	The Geometry of the Main Himalayan Thrust along the Satluj river valley, Northwest Himalaya, India retrieved from Magnetotelluric studies <i>S. Dhamodharan and R. Gautam</i>
	P4.2.10	Integrated geophysical study of the deep structure of Yenisei-Khatanga regional trough: new results and MTS contribution <i>E. Yu. Sokolova, E. M. Bolshakov, I. A. Biserkin, M. Ya. Finkelshtein, I. S. Kupriyanov, N. N. Pimanova and T.P. Shirokova</i>
	P4.2.11	Mapping the geometry of volcanic systems with magnetotelluric soundings: results from a land and marine magnetotelluric survey performed during the 2018-2019 Mayotte seismovolcanic crisis <i>M. Darnet, P. Wawrzyniak, P. Tarits, S. Hautot and J.-F. D'eu</i>
12:30 – 13:30		Lunch
		Oral Session O6.1 - Rock and Mineral Resistivity, and Anisotropy Oral Session O.8.1 - EM Induction Education and Outreach
14:00 – 14:15	O6.1.1	Multi-Data Inversion Approach for Retrieving Rock Properties from Measurements on Drill Cuttings <i>J. H. Börner, V. Herdegen, J.-U. Repke and K. Spitzer</i>
14:15 – 14:30	O6.1.2	Comparative 3D inversion of magnetotelluric phase tensors and impedances reveals electrically anisotropic base of Gawler Craton, South Australia <i>K. Tietze, S. Thiel, K. Brand and G. Heinson</i>
14:30 – 14:45	O8.1.1	Making geo-electromagnetic (magnetotelluric) data accessible via EPOS portal <i>M.Yu. Smirnov, J. Hübner, O. Ritter, A. Neska, T.M. Rasmussen, P. Hejda, S. Flower, A. Chambodut, J. J. Curto, J. Matzka, A. Thomson and A. Viljanen</i>
14:45 – 15:45		Poster Session P6.1 - Rock and Mineral Resistivity, and Anisotropy Poster Session P7.1 - Global And Planetary Studies Poster Session P.8.1 - EM Induction Education and Outreach
	P6.1.01	Electrical monitoring of dynamic drainage and imbibition processes in rock-fluid-gas systems <i>M. Sonntag, J. Börner, V. Herdegen, F. Grahl and K. Spitzer</i>
	P6.1.02	Imaging and inversion of potential field data, a case study for exploring Iron-bearing zones in Golgohar, Iran <i>B. Oskooi, P. Mansourshoar and Maysam Abed</i>
	P6.1.03	Imaging the weathering zone in Chile with active Radio-Magnetotellurics <i>U. Weckmann, J. Cruces Zabala, C. Patzer, O. Ritter, and J. Araya Vargas</i>
	P6.1.04	Anisotropy estimation using 1D joint inversion of DC resistivity and CSRMt methods in the granite-gneiss terrains of Eastern Ghats, India <i>A. Singh, S. Agrahari, A. Shlykov, A. Saraev and A. Yadav</i>
	P7.1.01	Signatures of the global ocean circulation in geomagnetic secular variation and acceleration <i>C.C. Finlay, J. Velínský and C. Kloss</i>
	P7.1.02	Limits of a-posteriori interpretation of electrical conductivity in terms of water content

		<i>O. Knopp</i>
P7.1.03	Regionality of mantle conductivity inferred from geomagnetic daily variation analysis <i>T. Koyama, S. Fujita, I. Fujii, K. Baba and H. Shimizu</i>	
P7.1.04	Hunga-Tonga Hunga-Ha'apai Eruption lightning as seen by remote MT measurements in New Zealand and Japan <i>T. G. Caldwell, P. A. Jarvis, C. Noble and Y. Ogawa</i>	
P7.1.05	MagVector/MFX-2 - a Planetary Laboratory on the International Space Station (ISS): Electromagnetic Simulation and Inversion of Magnetic Field Data from Planetary and Asteroid Analogs <i>J. Börner, S. Garbade, S. S. Keßler, D. Konigorski, V. Schmid, L. Schmitt, C. Schneider, F. Sohl and K. Spitzer</i>	
P7.1.06	Deep geomagnetic sounding by Sq variations in Europe: A 3-D inversion based on the regional-to-local transfer functions <i>J. Velínský, L. Šachl and O. Knopp</i>	
P7.1.07	3-D inversion of tippers estimated at a continental grid of Chinese geomagnetic observatories: Preliminary results <i>S. Xu, A. Kuvshinov, C. Chen, M. Kruglyakov, R. Rigaud, Z. Ren and X. Hu</i>	
P7.1.08	Investigation of the Impact of Convectively Coupled Equatorial Waves (CCEW) and Total Electron Content (TEC) on the Diurnal Cycle in Indonesia as Early Warning System of Equatorial Climate Change <i>M. K. Rifai, C. A. Hapsoro and E. Latifah</i>	
P7.1.09	Variations of the induction vector, worldwide study <i>I. I. Rokityansky</i>	
P7.1.10	Constraining the crustal and mantle conductivity structures beneath islands by a joint inversion of multi-source magnetic transfer functions <i>C. Chen, A. Kuvshinov, M. Kruglyakov, F. Munch and R. Rigaud</i>	
P8.1.01	Multidimensional Interpretation of Controlled-Source Radio-Magnetotelluric (CSRMT) of a waste-site in Cologne, Germany <i>S. F. Asghari, A. Shlykov, M. Smirnova, A. Saraev, P. Yogeshwar and B. Tezkan</i>	
P8.1.02	Delineating subsurface structures for deep aquifer study using magnetotellurics, and airborne geophysics. Case study of the Voltaian sedimentary basin, Ghana, West Africa <i>R.A. Mejida, P. Tarits, T.E. Armah, S. Hautot and S.M. Yidana</i>	
15:45 – 16:00		Coffee Break
16:00 – 17:00		Closing Ceremony
19:00 -		Workshop Dinner (Grand Ontur Çeşme Hotel)