

Session 1) EM and integrated geophysical studies of the Earth, Part1 : near surface applications, including environmental and engineering studies

Ser. No.	submitter	Author's Expectation for Oral or Poster	Title	authors	Will it be arranged as Oral or Poster in the workshop?
S1.1_E01	KAZEEM AKOREDE SHITTA	Oral	LITHOSTRATIGRAPHY OF NIGERIA AN-OVERVIEW	Kazeem Akorede Shitta	Poster
S1.1_E02	Sixin Liu	Oral	Near-surface water content measurement by Ground Penetrating Radar	LIU Sixin,WANG Chunhui, ZENG Zhaofa, LU Qi, WANG Zhejiang, YI Bing	Oral
S1.1_E03	Li Diquan	Oral	Research and Application of Groundwater Geophysical Exploration on Drinking Water-born Endemic Fluorosis Area	CHENG Hui,CAO Fuxiang, DI Qingyun	Poster
S1.1_E04	Alexander N. Shein	Oral	Optimization of galvanic TEM-system geometry to decrease induced polarization effect on transient electromagnetic data	Alexander N Shein,Eugene Yu Antonov	Oral
S1.1_E05	Mohamed Metwaly	Oral	Delineation of Shallow Subsurface Structure by Azimuthal Resistivity Sounding and Joint Inversion of VES-TEM data: Case study near Lake Qaroun, El-Fayoum, Egypt.	Usama Massoud,Gad El Qady, Mohamed Metwaly, Fernando Santos	Poster
S1.1_E06	WANG Ruo	Poster	Optimal electromagnetic survey configuration for locating the dipping dyke	WANG Ruo,ENDO Masashi, Di Qingyun	Poster
S1.1_E07	SUN Shuqin	Oral	Combining Surface NMR Measurements and Hydrogeological Parameters to Estimate the Yield Capacity of Water-Saturated Layers	Shuqin SUN,Jun LIN, Haisheng LI, Yiping ZHAO	Poster
S1.1_E08	Buelent Tezkan	Oral	Three dimensional finite element modeling of inloop transient electromagnetic measurements on a lake	B. Tezkan, L Mollidor, R. Bergers, J Loehken	Oral
S1.1_E09	Yan Liangjun	Oral	Surface Velocity Investigation With STEM and Its Application	YAN Liangjun,SU Zhuliu, HU Wenbao	Oral
S1.1_E10	Rong Liangliang	Oral	Multiple turn transmitting loop exciting field calculationand exciting effect of NMR for underground water detecting	Rong Liangliang, Jiang Chuandong Lin Jun	Poster
S1.1_E11	ZHANG Dahai	Poster	Inversion comparison study in the cases of different array configuration and inversion method	Dahai ZHANG, Torleif Dahlin, Roger Wisén	Poster
S1.1_E12	ATYA Magdy	Oral	Geotechnical assessment of fish farm using geophysical techniques, Awlad Salamah, Sohag, Upper Egypt	ATYA Magdy,El QADY Gad, El HEMALY Ibrahim, ABD ELAZIZ Ayman, EL IMAM Ahmed	Poster
S1.1_E13	Usama Massoud	Oral	Monitoring of water resources and their impacts on Hawara archeological area by transient electromagnetic method	Usama Massoud,A M Abbas , H S A Mesbah , El Said A Ragab, Ayman I Taha	Poster
S1.1_E14	Usama Massoud	Oral	Investigation of cavities and karstic features at Al-Amal city, Qattamiya, Egypt by using 3-D inversion of VES data	Usama Massoud,Mohamed Abdalla , Gad El-Qady , Fernando Santos	Oral
S1.1_E15	Mehrdad Bastani	Oral	CSRMT measurements in the frequency range of 1-250 kHz to map a normal fault in the Volvi basin, Greece	Mehrdad Bastani,Alexandros Savvaidis and Laust B Pedersen	Oral

S1.1_S01	KULIK Sergey	Poster	Conductivity of the Earth crust and the upper mantle of Ukraine	KULIK Sergey,BURAKHOVICH Tatiana, SHEREMET Eugen	Poster
S1.1_S02	N. YildirimGÜ NDOĞDU,	Poster	Two-dimensional joint inversion of DC Resistivity data sets collected along parallel lines.	N YildirimGÜNDOĞDU, M Emin CANDANSAYAR	Poster
S1.1_S03	Ana Osella	Poster	Synthetic Transmitted Field method to improve GPR signals	BONOMO Néstor, CEDRINA Lorena, OSELLA Ana	Poster
S1.1_S04	feng deshan	Poster	The migration of GPR three dimension wave equation in wavelets domain	FENG Deshan,Dai Qianwei	Poster
S1.1_S05	Pavel Pushkarev	Poster	Electromagnetic methods in engineering, hydrogeological and permafrost studies	P Yu Pushkarev, A V Koshurnikov, N L Shustov, P V Ivanov, D S Sileva	Poster
S1.1_S06	Lena Persson	Poster	Characterisation of Limestones on the Island of Gotland, Sweden with the RMT-Method	Lena Persson,Mikael Erlström, Mehrdad Bastani,Laust B Pedersen	Poster
S1.1_S07	Mehrdad Bastani	Poster	Multifrequency VLF+LF data acquisition system. A new tool for fast tensor RMT measurements	Mehrdad Bastani,Laust B Pedersen, Lars Dynesius, Michael Shieschke and David Alfonso	Poster
S1.1_S08	M A Pérez-Flores	Poster	RESOLUTION ANALYSIS IN LIN ELECTROMAGNETIC SYSTEMS	Miriam Abad , ENRIQUE Gomè z-Treviño, MARCO A Pérez-Flores, JOHN Joseph Temple, OCTAVIO Lázaro Mancillas	Poster
S1.1_S09	HASSAN Magareh	Poster	3D electrical resistivity tomography of the Atar hydrological experimental site, Republic of Djibouti	HASSAN Magareh, HAUTOT Sophie, TARITS Pascal, JALLUDIN Mohamed	Poster
S1.1_S10	Dragos Armand STANICA	Poster	SPECIFIC GROUND-BASE MONITORING SYSTEM FOR THE LANDSLIDES ACTIVITY	Dragos Armand Stanica, Dumitru Stanica	Poster
S1.1_S11	Claire Samson	Poster	Mapping brine pockets at Arctic perennial springs using an electromagnetic induction sounder: an analogue survey for the detection of water in the near-surface of Mars	SAMSON Claire,MAH Jason, HOLLADAY Scott, POLLARD Wayne, ANDERSEN Dale	Poster
S1.1_S12	Claire Samson	Poster	Frequency analysis of geoelectric currents and PSP variations along a pipeline in the Ottawa River Valley, Canada	FERNBERG Peter,TRICHTCHENKO Larisa, BOTELEK David, SAMSON Claire	Poster
S1.1_S13	CLAUDIA ARANGO	Poster	Structural characterization along a headrace tunnel in Hidalgo, Mexico, using CSAMT data	ARANGO Claudia,ARANDA Rafael, SAUCEDO Daniel, ACOSTA Tania, BAUTISTA Luis	Poster
S1.1_S14	Gad El-Qady	Poster	Structural assessment using MTdata at the area east of greater Cairo, Egypt	Gad El-Qady, Usama Massoud, Mohamed Abdalla, Mamdouh Soliman and Magdy Atya	Poster
S1.1_S15	Zhanhui Li	Poster	A PSTD Method for Borehole Radar Simulations	Li Zhanhui,Huang Qinghua, Wang Yanbin	Poster
S1.1_S16	Sun Tiancai	Poster	Correction of Transmitting Waveform Effect on the Transient Electromagnetic Response	SUN Tiancai,FU Zhihong, XIE Pinfang	Poster
S1.1_S17	Saurabh Verma	Poster	Developments in the delineation of 3-D conductors by various electrical and electromagnetic methods	Saurabh K Verma,Ajay Manglik, N S Krishnamurthy, V Anand Rao, K M Bhat, Subhash Chandra, B Tezkan, T Harinarayana, C Scholl, P K Patro and Sushobhan Dutta	Poster
S1.1_S18	Marc Rubinat	Poster	Magnetotelluric characterization of an outcropping salt-diapir (external Betic range, Spain)	RUBINAT M, ROSELL O, LEDO J, ROCA E, QUERALT P	Poster
S1.1_S19	Ian Ferguson	Poster	Electromagnetic and magnetic responses of a sheared iron formation, Superior Province, Canada	Ian FERGUSON, Louis ROSENTHAL, Allan TURNOCK	Poster
S1.1_S20	Simakov Alexander	Poster	Application of the radiomagnetotelluric method to the solution of environmental problems	SIMAKOV Alexander,PERTEL Mikhail, SARAEV Alexander, TEZKAN Buelent, GARCIA Alvaro, TORRE Cristina	Poster

S1.1_S21	GOKHAN, KARCIOGLU	Poster	Investigation of Catalca Fault and its Vicinity by Magnetotelluric Method	KARCIOGLU Gokhan,TANK Bulent, GURER Aysan, TOLAK Elif, KAYA Tulay, TUNCER Mustafa Kemal	Poster
S1.1_S22	Xueming Shi	Poster	Quality Detection of Grouting Karst Roadbed Using Integrated Geophysical Methods in Caidian Highway	Shi Xueming,Wang Xiaoliu, Liu Tie, Zhang Ji	Poster
S1.1_S23	li yongjun	Poster	Application study of transient electromagnetic method(MTEM)	LI Yongjun,LI Xiaoming, LIAN Huiqing,LIU Deming	Poster
S1.1_S24	Patricia Martinelli	Poster	How the ability of detecting and characterizing elongated structures using Small-loop EMI systems depends on measurement configuration	MARTINELLI Patricia,BONOMO Néstor E., DUPLAÁ María Celeste	Poster
S1.1_S25	Marcus Gurk	Poster	A transect through the Mygdonian Basin (Northern Greece) studied with electrical, electromagnetic and seismic methods	M. Gurk,A S Savvaidis, M Bastani, D Kalisperi, F Vallianatos	Poster
S1.1_S26	Toshihiro Uchida	Poster	Magnetotelluric survey in Horonobe coastal area, Hokkaido, Japan	Toshihiro Uchida,Yuji Mitsuata, Takumi Ueda, Makoto Ando, Atsunao Marui, and Kinichirou Kusunose	Poster
S1.1_S27	Usama Massoud	Poster	Mapping of sea water/fresh water interface at the northwestern coast of Egypt by 2-D resistivity imaging and transient electromagnetic soundings	Mamdouh Soliman,Usama Massoud , H S A Mesbah , El-Said A Ragab	Poster
S1.1_S28	Shiyi HE	Poster	Study on Characters of Faulted Structure and Karst Development by Synthetical Geophysical Methods on the Boundary of Karst Reservoir, Xiangxi, Hunan, China	HE Shiyi,YANG Xiangsheng	Poster
S1.1_S29	Lapenna Vincenzo	Poster	ERT AND MT SURVEYS IN TECTONICALLY ACTIVE AREAS OF APENNINE CHAIN (SOUTHERN ITALY)	Balasco Marianna,Giocoli Alessandro, Rizzo Enzo, Piscitelli Sabatino, Romano Gerardo, Siniscalchi Agata, Lapenna Vincenzo, L. Telesca	Poster
S1.1_S30	Paul A Bedrosian	Poster	A tale of two inversions – a comparison of 3D magnetotelluric inversion in a mineralized region	Paul A Bedrosian	Poster
S1.1_S31	CAO Junxing	Poster	Subsurface Imaging by the Frequency Dispersion of EM Wave	CAO Junxing,HE Xiaoyan	Poster
S1.1_S32	LIN Feng	Poster	Inversion of TEM data affected by fast-decaying induced polarization	ANTONOV Evgeny, KOZHEVNIKOV Nikolai, NEVEDROVA Nina	Poster

Session 1) EM and integrated geophysical studies of the Earth, PartII: Crustal and mantle studies, including regions with seismic and volcanic activity

Ser. No.	submitter	Author's Expectation for Oral or Poster	Title	authors	Will it be arranged as Oral or Poster in the workshop?
S1.2_E01	Sanjay Gokarn	Oral	Tectonic and crustal evolution in the NE Indian region from magnetotelluric studies	GOKARN S G,GUPTA G, SANABAM S S, WALIA D	Oral
S1.2_E02	MEKKAWI Mahmoud	Oral	Imaging subsurface structure in eastern boundary of Qatrani basaltic flows by MT data	MEKKAWI Mahmoud,ABDELATTIF Tarek, ARAFA Tarek, KALAF Abdou	Poster
S1.2_E03	Chow-Son Chen	Oral	Crustal and upper mantle structure of Taiwan Imaged by Magnetotellurics	Chow-Son Chen,Martyn J Unsworth, Edward Bertrand, Chih-Wen Chiang, Hun-Lun Shu, K D Thong, Chien-Chih Chen, and F T Wu	Poster
S1.2_E04	Jan-Philipp Schmoldt	Oral	PICASSO- Phase I: MT Investigation of the Betic-Rif mountain system. Comparison of actual robust processing algorithms	Jan-Philipp Schmoldt,Alan G Jones, Colin Hogg and Oriol Rosell	Poster
S1.2_E05	Dumitru STANICA	Oral	RELATIONSHIP BETWEEN THE DEEP STRUCTURE AND GEODYNAMICS OF THE CARPATHIANS' ARC BEND	Dumitru Stanica ,Dragos Armand Stanica,	Poster
S1.2_E06	Edward Bertrand	Oral	Magnetotelluric studies of the arc-continent collision in Central Taiwan	Edward Bertrand,Martyn Unsworth, Chih-Wen Chiang, Chow-Son Chen, Chien-Chih Chen, Erşan Tü rköğlü, Han-Lun Hsu, Graham Hill	Poster
S1.2_E07	Mahnaz Sepehrmanesh	Oral	Source fault structure of the 2003 Bam earthquake in iran, inferred from the Magnetotelluric and Aeromagnetic studies	Mahnaz Sepehrmanesh, B Oskooi	Poster
S1.2_E08	MA WEI	Oral	The electrical conductivity structure along the profile of Dagang-Jinghai-Langfang areas	LIU Junchang, LI Jinming, MAWei, XA Xunyin , XU Xinxue , CHEN Yukun	Poster
S1.2_E09	Bulent Tank	Oral	Imaging Deep Electrical Resistivity Structure at the Eastern Part of the Aegean Region by Magnetotellurics Method	TANK S Bulent, HONKURA Yoshimura, OGAWA Yasuo, MATSUSHIMA Masaki, OSHIMAN Naoto, TUNCER M Kemal, TOLAK Elif	Oral
S1.2_E10	Heinrich Brasse	Oral	First deep electrical resistivity section of Costa Rica	Heinrich Brasse, Gerhard Kapinos, Lutz Mütschard, Guillermo Alvarado, Tamara Worzewski	Oral
S1.2_E11	Laszlo Szarka	Oral	The magnetic phase transition and geophysical crustal anomalies	SZARKA László,KISS János, PRÁCSER Ernő, ADÁM Antal	Poster
S1.2_E12	CHEN Qingli	Oral	Predicting Earthquake by Electromagnetic Fields Fluctuation	CHEN Qingli	Poster

S1.2_E13	A Zhamaletdinov	Oral	CS MT-AMT sounding of the Fennoscandian (Baltic) shield with the use of industrial power lines (experiment FENICS-2008)	Zhamaletdinov A, Shevtsov A N, Korotkova T G, Efimov B V, Barannik M B, Kolobov V V, Prokopchuk P I, Kopynenko Yu A, Kopynenko Ye A, Ismagilov V S, Smirnov M Yu, Vagin S A, Tereschenko Ye D, Vasiljev A N, Gokhberg M B, T Korja	Oral
S1.2_E14	Michael Becken	Oral	The electrical conductivity structure between the transitional (near SAFOD) and locked (SE of Cholame) segments of the San Andreas Fault, including the source region of non-volcanic tremors	Becken M, Ritter O, Bedrosian P, Weckmann U, Munoz G	Oral
S1.2_E15	Prasanta Patro	Oral	Regional conductivity structure of Cascadia: preliminary results from 3D inversion of USArray transportable array magnetotelluric data	Prasanta K Patro, Gary D Egbert	Oral
S1.2_E16	Gaofeng Ye	Poster	Features of Resistivity Model of lithosphere beneath the South-central Tibetan Plateau	Ye Gaofeng, Jin Sheng, Wei Wenbo, Jing Jian'en	Poster
S1.2_E17	SOKOLOVA Elena	Oral	Geoelectrical cross-section of Central Tien Shan and geodynamic implications	SOKOLOVA Elena, BERDICHEVSKY Mark, VARENTSOV Ivan, RYBIN Anatoly, GOLUBTSOVA Nina, PUSHKAREV Pavel, BAGLAENKO Natalia, BATALEV Vlad, MATUKOV Vitaly	Oral
S1.2_E18	Toivo Korja	Poster	Electrical conductivity of the lithosphere under the western margin of cratonic Fennoscandia	KORJA Toivo, SMIRNOV Maxim and PEDERSEN Laust B.	Poster
S1.2_E19	Mark Sakschewski	Oral	Does a meteorite impact affect the conductivity in Earth's crust?	Mark T. Sakschewski, Erik Wiebalck	Poster
S1.2_E20	YAMAGUCHI Satoru	Oral	A highly conductive zone revealed by an improved Network-MT method beneath the Kii Peninsula, southwestern Japan	Satoru Yamaguchi, Makoto Uyeshima, Hideki Murakami, Sirou Sutoh, Daichi Tanigawa, Tsutomu Ogawa, Naoto Oshiman, Ryokei Yoshimura, Koki Aizawa, Takafumi Kasaya, Ichiro Shiozaki,	Oral
S1.2_E21	Alan Jones	Oral	SAMTEX: The electrical lithosphere of Southern Africa	Alan G Jones, Mark R Muller, Mark P Hamilton, Marion P Miensopust, Colin Hogg, Rob L Evans, Patrick Cole, Tiya Ngwisanyi, Dave Hutchins, C J S. Fourie, Moctar Doucoure, Andy Mountford, Wayne Pettit, Sue Webb, Jan Wasborg, and The SAMTEX Team	Poster

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S1.2_S02	Attila Novak	Poster	Relation between interplate earthquakes and electric conductors in the Pannonian-basin (Hungary)	NOVAK Attila, ADAM Antal	Poster
S1.2_S03	István Lempenger	Poster	Investigation of the lithosphere by EM induction based on network magnetometer data	ISTVAN Lempenger, MICHEL Menvielle, JEAN-LOUIS Pincon, LÁSZLÓ Szarka, PASCAL Tarits, CSABA Ubrankovics, ÁRPÁD Kis	Poster
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S1.2_S05	R.SIVARAMA SASTRY	Poster	Deep electrical resistivity imaging of the Narmada-Son Lineament zone along 6 major magnetotelluric traverses, Central India	R S Sastry, G.Dhanunjaya Naidu, T.Harinarayana	Poster
S1.2_S06	AHMED Khalil	Poster	Delineation of subsurface structures and tectonics of Marsa Matrouh area, Western Desert, Egypt, as deduced from magnetotelluric and magnetic data	AHMED Khalil, EL KOTB Ahmed, MOHAMED El Bohoty	Poster
S1.2_S07	G.Dhanunjaya Naidu	Poster	Magnetotelluric study along the Kukshi-Erandol traverse across Narmada-son lineament, central India	G.Dhanunjaya Naidu, T Harinaraya, R S Sastry	Poster
S1.2_S08	Wiebke Heise	Poster	Phase tensor analysis and 3-D modelling of magnetotelluric data from the Taupo Volcanic Zone, New Zealand	HEISE Wiebke, CALDWELL T Grant, BIBBY Hugh M, BENNIE Stewart L	Poster
S1.2_S09	Mohammednur Desissa	Poster	Application of Magnetotellurics (MT) to investigate partial melt along the active Dabaho magmatic segment, Afar depression, Ethiopia	Mohammednur Desissa, Graham Dawesa, Kathryn Whaler, Sophie Hautot, Shimeles Fiseha, Yohannes Lema	Poster
S1.2_S10	Zhamaletdinov A.A	Poster	CSMT sounding of the Fennoscandian lithosphere (FENICS experiment)	Zhamaletdinov A A, Shevtsov A N, Korotkova T G, Efimov B V, Barannik M B, Kolobov V V, Prokopchuk P I, Kopynenko Yu A, Kopynenko Ye A, Ismagilov V S, Smirnov M Yu, Vagin S A, Tereschenko Ye D, Vasiljev A N, Gokhberg M B, T Korja	Poster
S1.2_S11	Hugh Bibby	Poster	Investigation of an active caldera: Magnetotelluric survey of Okataina Caldera, New Zealand	Hugh M BIBBY, Wiebke HEISE, Stewart L BENNIE, T Grant CALDWELL, Hannu SEEBECK, Kristina TIETZE, Andreas JUNGE, Jim W COLE	Poster
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S1.2_S13	Juliane Hübert	Poster	Looking through the basalts of the Faroe Islands using new onshore magnetotelluric measurements	J Hübert, H Abrahamsen, B Joensen, R J Brown, L B Pedersen	Poster
S1.2_S14	Igor Rokityansky	Poster	Magnetovariational and magnetotelluric study in the Haiyuan Fault Zone in Northeastern Margin of Qinghai-Tibet Plateau	Zhao Guoze, Zhan Yan, Tang Ji, I Rokityansky, T S Savchenko	Poster
S1.2_S15	Igor Rokityansky	Poster	Electromagnetic studies in Greece and Aegean region	Rokityansky I I	Poster
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S1.2_S17	ABDELFETTAH Yassine	Poster	Crust and upper mantle imaging of Turkana basin by 2-D joint inversion of magnetotelluric and gravity data	ABDELFETTAH Yassine, TARITS Pascal, MAIA Marcia and HAUTOT Sophie	Poster
S1.2_S18	Shinichi Takakura	Poster	Hydrothermal systems of Izu-Oshima volcano, Central Japan, inferred from AMT and SP surveys	Shinichi TAKAKURA, Shin'ya ONIZAWA, Nobuo MATSUSHIMA, Tsuneo ISHIDO, Yuji NISHI, Hideaki HASE, and Yasuo OGAWA	Poster

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S1.2_S20	Hiroshi Ichihara	Poster	Magnetotelluric study around an intraplate earthquake zone in the eastern Hokkaido, northern Japan –Three dimensional resistivity model explaining anomalous phase exceeding 90 degrees	ICHIHARA Hiroshi,MOGI Toru, YAMAYA Yusuke	Poster
S1.2_S21	Xiangyun Hu	Poster	Three-dimensional electrical structure in Qiangtang Terrane, northern Tibetan Plateau	HU Xiangyun,YANG Dikun, WANG Jiaying, ZHANG Shengye	Poster
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S1.2_S23	michael haeuserer	Poster	Magnetotelluric Investigation along the Rwenzori Mountains, Uganda	HÄUSERER Michael,JUNGE Andreas	Poster
S1.2_S24	Xu shunqiang	Poster	The high-density resistivity 3-D Tomography Image surveys in Tanlu Fault	XU Shunqiang,LI Qinglin,QIN Jianzeng,XIE Ruyi,ZHANG Xiaopu	Poster
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S1.2_S26	jincai gu	Poster	Basement structure in the east part of Junggar Basin by MT data	GU Jincai,CONG Yuanzhi,WEI Zhong,WANG Huaisen	Poster
S1.2_S27	Vaclav Cerv	Poster	Thin sheet inversion of the geomagnetic induction data	V CERV,S KOVACIKOVA, M MENVIELLE, J PEK, E Yu SOKOLOVA, Iv M VARENTSOV and EMTESZ-Pomerania Working Group	Poster
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S1.2_S29	Philip Wannamaker	Poster	Strain Localisation and Ductile Shear Zones: Implications of Magnetotelluric Results from the Marlborough Fault System, New Zealand	P E Wannamaker,T G Caldwell, G R Jiracek, V Maris, G J Hill, Y Ogawa, H M Bibby, S L Bennie,W Heise	Poster
S1.2_S30	NAGANJANEYULU KASTURI	Poster	Three Dimensional Electromagnetic images of seismically active Kutch rift Basin (India)	NAGANJANEYULU Kasturi,JUANJO Ledo, PILAR Queralt, ANNA Marti	Poster
S1.2_S31	Naser Meqbel	Poster	The electrical conductivity structure of the Dead Sea Basin obtained from MT measurements	N Meqbel,O Ritter, U Weckmann, G Muñoz, M Becken	Poster
S1.2_S32	Anna Marti	Poster	Extending the geoelectric model of the Betic crust (Spain) towards West using 3D MT inversion techniques	MARTI Anna, QUERALT Pilar, LEDO Juanjo, ROSELL Oriol, MARCUELLO Alex, ROCA Eduard	Poster
S1.2_S33	Alejandro Marcuello	Poster	Magnetotelluric study in El Maestrat (Spain)	Alex MARCUELLO,Oriol ROSELL, Anna MARTÍ, Juanjo LEDO and Pilar QUERALT	Poster
S1.2_S34	Oriol Rosell	Poster	A new geoelectrical image of the Betic Chain crust along a N-S profile West of Granada	Oriol ROSELL, Alex MARCUELLO, Anna MARTI, Juanjo LEDO, Pilar QUERALT	Poster
S1.2_S35	Ian Ferguson	Poster	Magnetotelluric mapping of Precambrian structures beneath a Phanerozoic Basin: the Superior Boundary Zone, Manitoba, Canada	Ian FERGUSON,Evan GOWAN, Alan JONES, James CRAVEN	Poster
S1.2_S36	Thomas Krings	Poster	A permanent magnetotelluric observatory in a seismologically active region in Northern Chile situated in extremely dry ground	Thomas Krings,Oliver Ritter, Ute Weckmann	Poster
S1.2_S37	Tulay Kaya	Poster	Imaging of South Marmara Region in Turkey by Magnetotellurics	TULAY Kaya,S.BULENT Tank, YOSHIMORI Honkura, YASUO Ogawa, TAKAFUMI Kasaya, MASAKI Matsushima, M.KEMAL Tuncer, ELIF Tolak	Poster
S1.2_S38	Peng Han	Poster	Wavelet analysis method for seismo-magnetic data processing	HAN Peng,XIU Jigang, HUANG Qinghua	Poster

S1.2_S39	Nurhasan	Poster	Imaging fault zone by MT Method at Sumatra area in Indonesia	Nurhasan, Yasuo Ogawa, Doddy Sutarno, Djedi S Widarto, Didik Sugiyanto	Poster
S1.2_S40	Kundeti Sudharani	Poster	Delineation of Geothermal Resource near Badrinath Hot Spring Zone, Higher Himalayas	Sudha Rani K, Murthy D N, Abdul Azeez K K, Srinivasulu T, Prabhakar E Rao and Harinarayana T	Poster
S1.2_S41	Gautam Rawat	Poster	Electrical Resistivity Imaging of seismically active frontal Himalaya	Gautam Rawat, B R Arora	Poster
S1.2_S42	Veeraswamy Koppireddi	Poster	Electrical crust beneath Lesser and Higher NW Himalayas: A MT study	K Veeraswamy, Dhanunjay Naidu, Ravi Shanker, Sharana Basava, K K Abdul Azeez and T Harinarayana	Poster
S1.2_S43	SHARANA BASAVA	Poster	Thrust zones, Leucogranites and Geothermal manifestation in Sutluj valley, Himachal Pradesh, India - An inference from magnetotelluric studies	SHARANA BASAVA, Abdul Azeez K K, Veeraswamy K, Ravi Shanker K, Dhanunjay Naidu G and Harinarayana T	Poster
S1.2_S44	Maxim Smirnov	Poster	Electrical conductivity of the Archaean lithosphere in Fennoscandia: results from two magnetotelluric mini arrays (EMMA project)	SMIRNOV Maxim, KORJA Toivo, PEDERSEN Laust B	Poster
S1.2_S45	Katsumi Hattori	Poster	ULF electromagnetic changes possibly associated with the fluid flow under the ground	Katsumi Hattori, Hisashi Ishikawa, Ichiro Takahashi, Yoshiaki Ando, Makoto Harada	Poster
S1.2_S46	Chih Wen Chiang	Poster	Deep electrical structure of the southern Taiwan orogeny and its tectonic implications by MT data	Chih-Wen Chiang, Chien-Chih Chen, Edward A Bertrand, Chow-Son Chen, Martyn J Unsworth, Han-Lun Hsu, Erşan T ürkoğlu, and Graham Hill,	Poster
S1.2_S47	Ogawa	Poster	Shallow Resistivity Structure of Iwate and Asama Volcanoes: Structural Control for the Subsurface Magma Movement	AIZAWA Koki, OGAWA Yasuo, NAGAOKA Shintaro, MISHINA Masaaki, TAKAHASHI Kosuke, TAKAGI Nobumasa, SAKANAKA Shin'ya, MIURA Takuya, HASHIMOTO Takeshi, YAMAYA Yusuke, KOYAMA Takao, KANDA Wataru, KAGIYAMA Tsuneomi	Poster
S1.2_S48	M.Emin CANDANSAYAR	Poster	NW_Anatolia_CSGM Project: an investigation of N-W Anatolian Crust Structure by using Geophysical Methods	M Emin CANDANSAYAR, Cemal KAYA, Abdullah GÜRER, Ali Rıza KILIÇ, Ünal DİKMEN, Yusuf K. KADIOĞLU, Emin U ULUGERGERLİ, Uğur AKIN, Selim ARSLAN, Neşat KONAK, Hüseyin YILMAZ, Ahmet T BAŞOKUR, İsmail DEMİRCİ, Erhan ERDOĞAN, Fahriye Kaçmaz, Özcan Özyıldırım, Hayrettin OKAY, Bülent KAYPAK	Poster
S1.2_S49	Katri Vaittinen	Poster	Magnetotellurics in the Fennoscandian Shield: Electrical conductivity of the western margin of the Central Finland Granitoid Complex	VAITTINEN Katri, KORJA Toivo, KAIKKONEN Pertti	Poster

S1.2_S50	Cemal KAYA	Poster	NW_Anatolia_CSGM Project: an investigation of N-W Anatolian Crust Structure by using Geophysical Methods: Profile 1	Cemal KAYA, M Emin CANDANSAYAR, Ali Rıza KILIÇ, Abdullah GÜRER, Ünal DİKMEN, Hüseyin YILMAZ, Yusuf K. KADIOĞLU, Emin U ULUGERGERLİ, Uğur AKIN, Selim ARSLAN, Neşat KONAK, Ahmet T BAŞOKUR, İsmail DEMİRCİ, Erhan ERDOĞAN, Fahriye Kaçmaz, Özcan Özyıldırım, Bülent KAYPAK, Hayrettin OKAY	Poster
S1.2_S51	Y. Ogawa	Poster	Ocean Bottom Magnetotelluric Measurements for Imaging of the North Anatolian Fault Zone at the Marmara Sea, Turkey	Y. Ogawa, T Kasaya, S B Tank, M K Tuncer, Y Honkura, T Kaya, E Tolak, N Oshiman, M Matsushima, and S Nagaoka	Poster
S1.2_S52	XIAO Pengfei	Poster	Crustal and upper mantle structure of the Eastern Himalayas derived from MV data	VARENTSOV Ivan, BAI Denghai, XIAO Pengfei, KOREPANOV Valery, SOKOLOVA Elena	Poster
S1.2_S53	SAKANAKA Shin'ya	Poster	Resistivity structure at Mizuho Plateau, western Enderby Land, East Antarctica	SAKANAKA Shin'ya, FUNAKI Minoru, SATO Takaharu, YAMASAKI Tetsuhide, MIYAKE Hachiro, EGAWA Kuniko, UEMURA Takeshi	Poster
S1.2_S54	VARENTSOV Ivan	Poster	Continuation of the Kirovograd crustal conductivity anomaly is traced in SW Russia	VARENTSOV Ivan, ABRAMOVA Ludmila, BAGLAENKO Natalia, SOKOLOVA Elena, KULIKOV Viktor, SHUSTOV Nikolay, YAKOVLEV Andrei, ALEXANOVA Elena, KOVACIKOVA Svetlana and LOGVINOV Igor	Poster
S1.2_S55	Purushotham Rao	Poster	Geoelectric section in the Chitapur-Chincholi area, Bhima Basin – Results from Magnetotelluric study	V Purushotham Rao, M Venkata Chary	Poster
S1.2_S56	Stephan Thiel	Poster	Imaging the Australian Continental Lithosphere with the National AuScope MT Facility	Graham Heinson, Goran Boren, Stephan Thiel	Poster
S1.2_S57	STEFANIUK Michal	Poster	Magnetotelluric maps of the Polish Carpathians	STEFANIUK Michal, KLITYNSKI Wojciech, WOJDYLA Marek, TARGOSZ Pawe	Poster
S1.2_S58	STEFANIUK Michal	Poster	Regional magnetotelluric profile through structures of Polish Lowland	STEFANIUK Michal, POKORSKI Jędrzej, WOJDYLA Marek	Poster
S1.2_S59	POMPOSIELLO Cristina	Poster	Cuyania – Pampia terranes suture by magnetotelluric data, Argentina	POMPOSIELLO Cristina, FAVETTO Alicia, BOOKER John, OROZCO Luz A., BURD Aurora	Poster
S1.2_S60	Takeshi HASHIMOTO	Poster	Resistivity structure across the intrusive zone of the 2000 eruption at Usu volcano	Takeshi HASHIMOTO, Yasuo OGAWA, Shin'ichi TAKAKURA, Yusuke YAMAYA, Hiroshi ICHIHARA, Toru MOGI	Poster
S1.2_S61	Adam Schultz	Poster	EMScope – a continental-scale magnetotelluric array experiment	Adam Schultz, Paul Bedrosian, Rob Evans, Gary Egbert, Anna Kelbert, Kevin Mickus, Dean Livelybrooks, Stephen Park, Prasanta Patro, Tristan Peery, Phil Wannamaker, Martyn Unsworth, Chester Weiss, Bob Woodward	Poster

S1.2_S62	XU Guangjing	Poster	Studying mantle electrical structure by using observatory data in North China	XU Guangjing,TANG Ji,ZHAO Guoze	Poster
S1.2_S63	MARTYN UNSWORTH	Reviewer	Magnetotelluric studies of continent-continent collisions	MARTYN UNSWORTH	Review
S1.2_S64	AVŞAR Ümit	Poster	TWO-DIMENSIONAL ELECTRICAL STRUCTURE OF THE ERZINCAN BASIN, EASTERN ANATOLIA	AVŞAR Ümit,TANK Bülent, T ÜRKOĞLU Erşan, UNSWORTH Martyn, Ç AĞLAR İlyas	Poster
S1.2_S65	Ivan M. Varentsov	Poster	The EMTESZ-Pomerania array extends west	Brasse H ,Cerv V, Ernst T, Houpt L, Jozwiak W, Kovacicova S, Kouznetsov V, Neska A, Palshin N, Pedersen L, Schafer A, Smirnov M, Sokolova E, Varentsov Iv, EMTESZ-Pomerania WG	Poster
S1.2_S66	Graham Hill	Poster	Structure of the Mount St. Helens Magmatic System: Insights from Magnetotelluric Imaging	Graham J Hill,T Grant Caldwell, Wiebke Heise, Hugh M Bibby, Darren G Chertkoff, and Matt K Burgess	Poster
S1.2_S67	ZHAN Yan	Poster	Deep electric structure beneath the northeastern margin of the Tibetan plateau	ZHAN Yan,ZHAO Guoze, WANG Jijun, CHEN Xiaobin, WANG Lifeng, TANG Ji, XIAO Qibin	Poster
S1.2_S68	ZHAN Yan	Poster	Deep electric structures of the Eastern Dabie orogenic belt and blocks on its both sides	ZHAN Yan,ZHAO Guoze, WANG Lifeng, CHEN Xiaobin, WANG Jijun, XIAO Qibin, TANG Ji	Poster
S1.2_S69	GAO ShuQuan	Poster	The magnetotelluric evidence of the deep thrust structure of Longmenshan faults and the mechanism of seismic source in Wenchuan Earthquake	WANG Xuben, ZHU Yingtang, YU Nian, GAO Shuquan	Poster
S1.2_S70	RAO C K	Poster	Conductivity structure across Kaladgi (Purana) basin in Karanataka region of Western India	C. K. Rao, A. Tyagi and A. K. Singh	Poster
S1.2_S71	RAO C K	Poster	Two dimensional geoelectric crustal structure across Proterozoic Bhima basin of North Karnataka, India	C. K. Rao, Xavi Garcia	Poster

Session 2) Laboratory studies of electrical properties of rocks activity

Ser. No.	submitter	Author's Expectation for Oral or Poster	Title	authors	Will it be arranged as Oral or Poster in the workshop?
S2_E01	Takashi Yoshino	Reviewer	Laboratory electrical conductivity measurement of mantle minerals	YOSHINO Takashi	Review
S2_E02	Valeriya Zadorozhnaya	Oral	New model of polarization of rocks: theory and analysis	ZADOROZHNA YA Valeriya	Oral
S2_S01	Shinichi TAKAKURA	Poster	Electrical properties of various clay minerals	Shinichi TAKAKURA	Poster
S2_S02	baohua zhang	Poster	Electrical conductivity of enstatite up to 20 GPa and 1600 K	ZHANG Baohua, WU Xiaoping, XU Junshan, KATSURA Tomoo	Poster
S2_S03	Xiaoping Wu	Poster	Empirical estimation of diffusivity in minerals from electrical conductivity through the compensation law	Wu Xiaoping	Poster

Session 3) Special session on EM exploration in China

New No	submitter	Author's Expectation for Oral or Poster	Title	authors	Will it be arranged as Oral or Poster in the workshop?
S3_E01	QIAN Wei	Oral	Geo-electric observations before 2008 Sichuan Earthquake	Qian Fuye,Zhao Biru, Zhao Guoze, Zhao Jian, Huang Qinghua, Sun Zhenkai, Zhang Hongkui, Lu Jun, Zhang Ping, He Shigen, Li Shiyu, Zhao Yulin	Oral
S3_E02	Gao Shude	Poster	THE CHANGE CHARACTERISTICS OF ELECTROMAGNETIC FIELD FROM BEGINNING TO END WENCHUAN Ms8.0 EARTHQUAKE	Gao Shude,Du Xuebin, Su Yonggang,Chen Yanping,Di Guorong, Mei Donglin	Poster
S3_E03	yiyan zhou	Oral	Seismo-ionospheric anomalies detected by ground-based GPS	ZHOU Yiyan,Wu Yun, Qiao Xuejun, Zhu Huying, Yang Jian, Lin Jian, Xiong Jin	Poster
S3_E04	Baihong WEN	Oral	Short-term and imminent EM characteristics of Wenchuan earthquake	WEN Baihong,WANG Wenxiang	Poster
S3_E05	CUI Xiao-yan	Oral	Observation and research of multipoint infrasonic signals based on the embedded collection system	CUI Xiaoyan,XIA Yaqin	Poster
S3_E06	SHI Xianxin	Poster	Study on Application of EH-4 System in Water Inflow Risk Survey of Mines	SHI Xianxin,YAN Shu, CHEN Mingsheng ,FU Junmei	Poster
S3_E07	JIN Sheng	Oral	Electrical Structure of Crust and Upper Mantle Of the Western Tibet plateau by MT Data	JIN Sheng,Ye Gaofeng , Wei Wenbo ,Deng Ming, Jing Jian'en	Poster
S3_E08	XIAO Pengfei	Oral	Long-period Magnetotelluric soundings in Eastern Tibetan Plateau	XIAO Pengfei, BAI Denghai, Valery KOREPANOV, Ivan M VARENTSOV	Oral
S3_E09	ZHANG Lili	Oral	Magnetotelluric Investigation In The Huanghua Depression And Its Adjacent Areas	ZHANG Lili,HAO Tianyao, XU Ya, TU Guanghong, LI Jun	Poster
S3_S01	guangpu huo	Poster	Using Frequency Sounding Method In Deep Water Channel Exploration	Huo Guangpu, Cheng Zhiping	Poster
S3_S02	Wang Qinian	Poster	The limitation of MT and gravity prospecting and the advantage of their integrated interpretation - taking a certain area in the Northern China as an example	ZHAN Shuangqing, WANG Qinian	Poster
S3_S03	YAN Rui	Poster	Analyzing the Perturbation of Ionosphere Caused by Data Downlink Transmitter through Theory Calculation and Data Statistic	YAN Rui,DONG Jian, ZHANG Jingfa, LIU Yurong	Poster
S3_S04	Wan Haizhen	Poster	The static correction Technique of 3D MT data	Yun Zhineng ,Sun Xingming	Poster
S3_S05	ZHAO Guoze	Poster	Preliminary study on the electric structure of the crust and upper mantle in UHP/HP metamorphic area in central part of main land of china	ZHAO Guoze, ZHAN Yan, CHEN Xiaobin, WANG Lifeng, XIAO Qibin, TANG Ji, WANG Jijun, CAI Juntao, XU Guangjing, DENG Qianhui	Poster

S3_S06	ZHAO Guoze	Poster	Does Low Resistivity Layer Exist in the Crust of Stable Block?	ZHAO Guoze, ZHAN Yan, CHEN Xiaobin, XIAO Qibin, TANG Ji, WANG Lifeng, WANG Jijun, CAI Juntao	Poster
S3_S07	ZHAO Guoze	Poster	Experiments on monitoring of seismo-electromagnetic anomalies and CSELF networks	ZHAO Guoze, ZHAN Yan, TANG Ji, WANG Lifeng, WANG Jijun, XIAO Qibin, CHEN Xiaobin, CAI Juntao, XU Guangjin, DENG Qianhui	Poster
S3_S08	ZHAO Guoze	Poster	Three conditions in generating strong Wenchuan earthquake Ms8.0 inferred from MT data	ZHAO Guoze	Poster
S3_S09	ZHANG Peizhen	Reviewer	Contemporary deformation of the Tibetan Plateau and the 2008 Wenchuan earthquake of Ms 8.0, Sichuan, China	ZHANG Peizhen, ZHAO Guoze	Review
S3_S10	TANG Ji	Poster	Electric conductivity structure of mantle beneath eastern China inferred from geoelectromagnetic observatories data	TANG Ji, XU Guangjing, ZHAO Guoze, CHEN Xiaobin, XIAO Qibin, ZHAN Yan	Poster
S3_S11	TANG Ji	Poster	Applications research the fixed Continuous observation of magnetotelluric field in earthquake prediction	TIAN Shan, TANG Ji, WANG Jianguo, XU Xuegong, CAO Jingquan, ZHANG Mengdong	Poster
S3_S12	ZHAN Yan	Poster	Monitoring of major aftershocks and probing deep structure of the Wenchuan M8.0 earthquake by using electromagnetic measurements	ZHAN Yan, WANG Lifeng, ZHAO Guoze, CHEN Xiaobin, TANG Ji, WANG Jijun, CAI Juntao, XIAO Qibin, CHEN Yanping, DIGuorong	Poster
S3_S13	TANG Ji	Poster	Coseismic signal associated with aftershock of Wenchuan Ms 8.0 earthquake	TANG Ji, ZHAN Yan, WANG Lifeng, XU Jianlang, ZHAO Guoze, CHEN Xiaobin, XIAO Qibin, DONG Zeyi	Poster
S3_S14	WANG Lifeng	Poster	High-conductivity layers in crust and major earthquakes in mainland China	WANG Lifeng, ZHAN Yan, ZHAO Guoze, XU Changfang	Poster

Session 4) Applied EM methods for hydrocarbon, geothermal and mineral exploration

New No	submitter	Author's Expectation for Oral or Poster	Title	authors	Will it be arranged as Oral or Poster in the workshop?
S4_E01	Richard Smith	Oral	Various applications of applied controlled source airborne electromagnetic methods	Richard Smith	Oral
S4_E02	Gang Yu	Oral	Characterizing a geothermal reservoir using broadband 2-D MT survey in Theistareykir, Iceland	Gang Yu, Norman Allegar, Árni Gunnarsson, Lanfang He, Zhanxiang He, Kurt Strack, Helga Tulinius	Oral
S4_E03	Gerard Munoz	Oral	Geophysical Characterization of the Groß Schönebeck Low Enthalpy Geothermal Reservoir	MUÑOZ Gerard, RITTER Oliver, MOECK Inga, BAUER Klaus	Oral
S4_E04	Gang Yu	Oral	Exploring for geothermal reservoirs using broadband 2-D MT and gravity survey in Hungary	Gang Yu, László Ádám, Norman Allegar, Heiða Halldórsdóttir, Lanfang He, Zhanxiang He, Zuzhi Hu, Christian Lacasse, Ingunn Þorbergsdóttir, Kurt Strack, Helga Tulinius, Xiaoli Xie	Poster
S4_E05	Vladimir Ignatov	Oral	Joint inversion of high-frequency electromagnetic logging data and multi lateral logging data	Vladimir Ignatov	Poster
S4_E06	Le Wan	Oral	Digital filters for electromagnetic migration of marine electromagnetic data	Le Wan, Pichet Puahengsup, and Michael S Zhdanov	Poster
S4_E07	WAN Haizhen	Reviewer	New progress of petroleum EM prospecting and cases study in China	HE Zhanxiang	Review
S4_E08	Sun Weibin	Oral	Application of 3D MT in Western Complex Area	Sun Weibin, Wang Caifu, Hu Zuzhi, Yun Zhineng, Lin	Poster
S4_E09	Nurhasan	Oral	Two-dimensional Electromagnetic Image of Kamojang Geothermal Field, Indonesia by CSAMT Data	Enjang Jaenal Mustopa, Nurhasan, Wahyu Srigutomo, Doddy Sutarno, Umar Fauzi	Oral
S4_E10	Olexandr Ingerov	Oral	Fifth generation of multifunctional equipment - ten years in the market	Leo Fox, Olex Ingerov	Poster
S4_E11	WAN Haizhen	Oral	3D MT data processing method in complicated mountain area, a case study	Meng Cuixian, Song Xuguang, Hu Zuzhi, Wang Yuqing, Yun Zhineng	Poster
S4_E12	Lv Yuzeng	Oral	Research and Application of DC Gradient Sounding and Central Gradient Section	Ge Weizhong, Lv Yuzeng, Yu Yunhe	Poster
S4_E13	TAN Maojin	Oral	Vertical Numerical Mode-Matching Method of Array Electrical Logging	TAN Maojin, SHI Yaolin, ZHANG Gengji	Poster
S4_S01	MEKKAWI Mahmoud	Poster	Subsurface structures investigation at Wadi Et Tur Southwest Sinai, Egypt	Mekkawi M, Abdelattif T, Aboud E	Poster
S4_S02	Ling JiaYong	Poster	The application of high-frequency MT method in accumulation body	TANG Jingtian, LIN Jiayong, REN Zhengyong, WANG Wenjie, WANG Ye	Poster

S4_S03	Tomasz Danek	Poster	Application of Kalman filter to noise reduction of magnetotelluric recordings	LESNIAK Andrzej,DANEK Tomasz, WOJDYLA Marek	Poster
S4_S04	Tomasz Danek	Poster	Application of artificial intelligence methods to distortions reduction in magnetotelluric measurement data	BIELECKA Marzena,DANEK Tomasz, WOJDYLA Marek, LESNIAK Andrzej, BARAN Grzegorz	Poster
S4_S05	Valery Korepanov	Poster	Super-low noise non-polarized electrodes	KOREPANOV Valery,GLEMBVA Volodymyr, OLSHEVSKY Viktor, SVENSON Oleksiy	Poster
S4_S06	zhen-wei GUO	Poster	CONTROLLED SOURCE AUDIOMAGNETOTELLURIC AND GRAVITY SURVEYS OVER THE LIONLAKE HOT SPRING GEOTHERMAL AREA	GUO zhenwei,LIU jianxin, SUN ya, ZHANG wei	Poster
S4_S07	Sudha	Poster	Multi-dimensional Interpretation of DC and TEM data observed on Geothermal Area in Garhwal Himalaya, India	Sudha,TEZKAN Bülent, ISRAIL Mohammad	Poster
S4_S08	Shimeles Fisseha	Poster	The MT Resistivity Signature of the Tendaho Geothermal field, Afar, NE Ethiopia	Shimeles Fisseha,Mohammednur Dessisa	Poster
S4_S09	EKNATHRAO SATDIVE PRABHAKAR	Poster	Magnetotelluric evidence for anomalous conductive zone in Surajkund geothermal province, Hazaribagh District, Jharkhand, India.	S Prabhakar E Rao,T Harinarayana, Sharana Basava, S V Sreedhar and A K Gupta	Poster
S4_S10	Carlo Ungarelli	Poster	Three-dimensional MagnetoTelluric data modeling at the Travale geothermal field (Italy)	Agnese Bianchi,Adele Manzella, Carlo Ungarelli	Poster
S4_S11	Buelent Tezkan	Poster	Application of radiomagnetotellurics on geomorphological studies.	K Lippert,B Tezkan	Poster
S4_S12	Alicia Favetto	Poster	Magnetotelluric Study in the Guarani Deep Thermal Aquifer System, NE Argentina	Alicia Favetto,Cristina Pomposiello, Cristina Dapeña, Ana Curcio	Poster
S4_S13	EL-Said AL-Sayed	Poster	Evaluation of Sea water intrusion, at Fan of Wadi Feiran, Sinai, Egypt using Electrical Resistivity and Transient Electromagnetic	EL-Said A AL-Sayed	Poster
S4_S14	Oleg Pankratov	Poster	Inversion of controlled source electromagnetic data: concept and application	PANKRATOV Oleg,YAKOVLEV Andrey, ANDREEVA Elena	Poster
S4_S15	Alexander Saraev	Poster	Experiense of application of the AMT method to geothermal exploration on Kamchatka peninsula	SARAEV Alexander,NIKIFOROV Alexander, ROMANOVA Natalia	Poster
S4_S16	Alexander Saraev	Poster	Diamond exploration by the AMT method	SARAEV Alexander,ANTASCHUK Ksenia, DENISOV Roman	Poster
S4_S17	Yan Liangjun	Poster	Data Processing And Inversion For The Large Intervals array CSAMT	YAN Liangjun, XIE Xingbing, HU Wenbao	Poster
S4_S18	YANGPeiLin YANGPeiLin	Poster	Frequency characteristic reserch of broadband electromagnetic wave in geological medium	YANG Peilin ,CAO Junxing	Poster
S4_S19	Saurabh Verma	Poster	Electrical and electromagnetic investigations of river valley sediments for HVDC power transmission in India	Ajay Manglik,Saurabh K Verma, R P Sasmal , Rajesh Suri , S Thiagarajan, D Muralidharan	Poster
S4_S20	dayong wang	Poster	The interpretation of Electromagnatic data for Tongling deep Copper deposits	Wang Dayong,Gao Yuan, Li Tonglin, Fang Hanzhen, Shan Tongxiao	Poster
S4_S21	WAN Haizhen	Poster	LOTEM method and its application effects in west of China	Dong Weibin,Huang Zhou, He Tiezhi,Qin Jinchun	Poster
S4_S22	YAN Liangjun	Poster	Application of Coincident-loop Configuration TEM for Shallow Geological Structure Investigating in 3-D seismic zone	Su Zhuliu,Xue WeiPing, Hu Wenbao, Zheng HongMin, Yan Liangjun, Hu Jiahua	Poster
S4_S23	WAN Haizhen	Poster	Understanding the Deep Structure in Loess-covered Area Based on Integrated Geophysical Techniques, a Case Studie	Zheng li,Ji liansheng, Meng Yuyu and Hao Shujuan	Poster

S4_S24	Michel Chouteau	Poster	Detection of deep conductive massive orebodies by magnetotelluric surveys	Michel Chouteau,Benoît Tournier	Poster
S4_S25	Michel Chouteau	Poster	MT survey for oil and gas on Anticosti Island (Eastern Canada)	Michel Chouteau,Benoît Tournier	Poster
S4_S26	Anton Kocherov	Poster	An integrated RMT/AMT study of Mana gold-bearing area in Central Siberia	Anton Kocherov,Alexander Eliseev	Poster
S4_S27	STEFANIUK Michal	Poster	Integrated magnetotelluric and gravity survey; case studies from the Polish Outer Carpathians	STEFANIUK Michal,WOJDYLA Marek, OSTROWSKI Cezary, TARGOSZ Pawel	Poster
S4_S28	ZHANG Wei	Poster	The Correction of un-place wave effects of Controlled Source Audio-frequency Magnetotellurics	ZHANG Wei,LIU Jianxin, GUO Zhenwei, SUN Ya	Poster
S4_S29	Sophie Hautot	Poster	Full 3D MT tensor inversion: Application to hydrocarbon exploration	HAUTOT Sophie,TARITS Pascal	Poster
S4_S30	veeraswamy koppired	Poster	Magnetotelluric grid in Central India	T Harinarayana,K Veeraswamy, K K Abdul Azeez, Prabhakar E Rao, K Naganjaneyulu, B P K Patro, C Manoj, M Someswara Rao, D N Murthy, R S Sastry, G Virupakshi, Sarana Basava,G Dhanunjaya Naidu, K Ravishankar, S R K Kishore, Phani Kiran, Arvind Kumar Gupta, Manpreet Singh, T Sreenivasulu, VTC Kumaraswamy, N Nageswara Rao	Poster
S4_S31	Jessica Spratt	Poster	Preliminary Results of a MT survey in the Nechako Sedimentary Basin, B. C.,Canada, designed to assess the usefulness of the technique in oil and gas exploration	Jessica Spratt,Jim Craven	Poster
S4_S32	Stephan Thiel	Poster	Geothermal exploration using magnetotellurics: a forward modelling example from Tenerife, Canary Islands	S Thiel, L McAllister, G Heinson	Poster
S4_S33	LIU Guoqing	Poster	Integration of electroprospecting methods for hydrocarbon prospecting at the northeast edge of the Dneprovo Donetsk Depression (DDD), Ukraine	Leo Fox,Olex Ingerov, Andrey Lozovoy, Valery Soldatenko, Vitaly Omelchenko, Vladimir Shemet	Poster

Session 5) 2D/3D modeling and inversion of EM data, including joint inversion techniques

Ser. No.	submitter	Author's Expectation for Oral or Poster	Title	authors	Will it be arranged as Oral or Poster in the workshop?
S5_E01	Li Diqian	Oral	The application of Genetic Algorithm to CSAMT inversion For minimum structure	Li Diqian,Wang Guangjie, Di Qingyun, Wang Miaoyue, Wang Ruo	Poster
S5_E02	ZHANG Luolei	Oral	Two-dimensional magnetotelluric inversion in combination of smoothest model and sharp boundary	ZHANG Luo-lei, YU Peng, WANG Jia-lin, WU Jian-sheng	Oral
S5_E03	LIU Miao	Oral	2D Wavelet Decomposition Based Two-Dimensional Magnetotelluric Inversion	LIU Miao, WU Jian-sheng, ZHANG Luo-lei, YU Peng	Poster
S5_E04	TANG Jingtian	Oral	2.5-D direct current resistivity forward modeling with unstructured mesh	TANG Jingtian, WANG Feiyan	Poster
S5_E05	Leiv-J. Gelius	Oral	Imaging of CSEM data – a feasibility study	GELIUS Leiv-J, WANG Zhong	Poster
S5_E06	REN ZHENGYONG	Oral	Edge finite-element modeling using unstructured meshes: the 3D MT example	REN Zhengyong,TANG Jingtian, LIU Changsheng	Oral
S5_E07	An Zhiguo	Oral	Kirchhoff Integral Migration of Active Source EM Diffused Field for Stratified Media	AN Zhi-guo,DI Qing-yun, WANG Miao-yue	Poster
S5_E08	Yuzeng Lv	Oral	3-D resistivity approximate inversion of borehole-surface data	Yuzeng Lü ,Baiyao Ruan, Wei Liuye, Haifei Liu	Poster
S5_E09	BIN XIONG	Poster	A new formula based on the independent electric and magnetic fields for 2.5-D forward of TEM	XIONG Bin	Poster
S5_E10	Rita Streich	Oral	3D finite-difference frequency-domain modeling of controlled-source EM data using a direct matrix solver	Rita Streich	Oral
S5_E11	Charlie Jing	Oral	CSEM inversion: Impact of anisotropy, data coverage, and initial models	Charlie Jing,Ken Green, Dennis Willen	Oral
S5_E12	Marion Miensopust	Oral	MT 3D inversion - a recapitulation of a successful workshop	Marion P. Miensopust,Pilar Queralt, Alan G. Jones and the ‘ MT 3D inversion’	Oral
S5_E13	Shalivahan	Oral	Use of swarm intelligence to invert magnetotelluric (MT) data for crustal structure	Shalivahan, R. K. Shaw and Bimalendu B Bhattacharya	Oral (Removed to S7)
S5_E14	TONG Xiaozhong	Poster	Solution strategies for two- and three-dimensional magnetotelluric forward problems	TONG Xiaozhong,LIU Jianxin, GUO Rongwen, SUN Ya, LI Aiyong	Poster
S5_E15	ZHANG Luolei	Oral	Application of joint inversion of magnetotelluric and seismic data based on random physical properties distributions	YU Peng,WANG Jialin, WU Jiansheng	Poster
S5_E16	ZHANG Luolei	Poster	Applications of Integrated Geophysics in Oil & Gas Prospecting	YANG Hui,YUPeng	Poster
S5_E17	ABDELFETTA H Yassine	Oral	Joint inversion of magnetotelluric and gravity data: 2-D methodology and synthetic examples	ABDELFETTAH Yassine,TARITS Pascal, HAUTOT Sophie	Oral
S5_E18	HASSAN Magareh	Oral	3-D DC resistivity data inversion for the imaging of a volcanic aquifer, Republic of Djibouti	HASSAN Magareh ,HAUTOT Sophie, TARITS Pascal, JALLUDIN Mohamed	Poster

S5_E19	ZHU Kaiguang	Oral	Conductivity Depth Imaging of Helicopter-borne TEM data using Artificial Neural Network based on pseudo-layer model	Zhu Kaiguang, Lin Jun, Han Yuehui, Zhou Fengdao	Poster
S5_E20	Max Moorkamp	Oral	Joint Inversion of MT, Gravity and Seismic Data applied to sub-basalt Imaging	Max Moorkamp, Jin Chen, Bjoern Heincke, Marion Jegen, Richard Hobbs, Danie Henderson	Oral
S5_E21	Dikun Yang	Oral	Three-dimensional inversion of two-dimensional magnetotelluric data	YANG Dikun, HU Xiangyun	Poster
S5_E22	miao dai	Poster	Study on Surface Nuclear Magnetic Resonance Inversion	DAI Miao, HU Xiangyun, YANG Dikun	Poster
S5_E23	Shu Yan	Oral	Three-dimensional high resolution resistivity survey and data direct imaging	YAN Shu, LIN Jian, CHEN Mingsheng	Poster
S5_E24	Shu Yan	Oral	A finite-difference time-domain approach for three-dimensional transient electromagnetic response of topographic distortions	YAN Shu, SHI Hongbei, SHI Xianxin, CHEN Mingsheng	Poster
S5_E25	xiaojun liu	Poster	Fast Numerical Simulation of High Density Resistivity Method On 3-D Geoelectric Model	LIU Xiaojun, HU Wenbao	Poster
S5_E26	TongLin Li	Oral	3D electromagnetic inversion of complex resistivity	Li Tonglin, Lin Pinrong, Zhang Hui, Li Jianping	Poster
S5_E27	Alexei Kuvshinov	Oral	3-D imaging of mantle conductivity based on inversion of satellite C-responses: Proof of concept.	KUVSHINOV Alexei, SEMENOV Alexey, PANKRATOV Oleg, JACKSON Andrew, OLSEN Nils	Oral
S5_E28	fan jianke	Oral	Adaptive Quantum Genetic Algorithm and Its Application to 1D Magnetotelluric Data	FAN Jianke, SHI Xueming, XIAO Min, YANG Guoshi, ZHANG Xuhui	Oral
S5_E29	Thomas Kalscheuer	Oral	Two-dimensional single and joint inversion of direct current resistivity and radiomagnetotelluric data: Comparison of non-linear model variance and resolution properties	Thomas Kalscheuer, María de los Ángeles García Juanatey, Naser Meqbel and Laust B. Pedersen	Oral
S5_E30	YANG Qing	Oral	Particle Swarm Optimization Algorithm-Based Nonlinear Inversion Approach Research	YANG Qing, ZHANG Xiang	Poster
S5_E31	XIAO Qibin	Poster	Some comparison of finite difference numerical solution in magnetotelluric modeling	Xiao Qibin, Zhao Guoze	Poster
S5_E32	Ralph-Uwe Börner	Reviewer	Review paper: Numerical modelling - Advances and Challenges	Ralph-Uwe Börner	Review
S5_E33	Min Xiao	Oral	The Damped PSO Algorithm and its Application for Magnetotelluric Sounding Data Inversion	XIAO Min, SHI Xueming, FAN Jianke, ZHANG Xuhui, YANG Guoshi	Poster
S5_E34	Guangpin Li	Oral	2.5D Time Domain EM Migration	Guangpin Li, Bruce Hobbs, Zalina Dzhatieva, David Taylor and Johnathan Linfoot	Oral
S5_S01	Erhan Erdogan	Poster	Incorporation topography into two dimensional resistivity modeling by using finite difference technique with triangular discretization: comparison with finite element solution	Erhan ERDOĞAN, İsmail Demirci, M Emin CANDANSAYAR	Poster
S5_S02	İsmail DEMIRCI	Poster	INCORPORATION OF TOPOGRAPHY INTO MODELS USING FINITE DIFFERENCE MODELING WITH TRIANGULAR DISCRETIZATION AND CORRECTION PROCEDURE FOR INVERSION ALGORITHM	İsmail Demirci, M. Emin CANDANSAYAR	Poster

S5_S03	ZHANG Luolei	Poster	Synchronous joint inversion of magnetotelluric, gravity and seismic data based on random physical properties distributions	YU Peng,WANG Jialin, WU Jiansheng	Poster
S5_S04	LIU Haifei	Poster	The inverted method of self-adaptive regularization with 3D IP data in the complicated geoelectric condition	LIU Haifei,RUAN Baiyao, LIU Jianxin	Poster
S5_S05	Cheng Bo	Poster	The influence of numerical modeling with non-uniform division of finite element method	CHENG Bo,HUANG Junge, RUAN Baiyao	Poster
S5_S06	HE Weihui	Poster	Applying multi-colony genetic algorithm to synchronous joint inversion of MT, gravity and seismic data	HE Weihui,WANG Jialin, YU Peng, ZHANG Luolei	Poster
S5_S07	Tang Jingtian	Poster	Application of resistivity-constrained NLCG method to inverse high-frequency MT sounding data	TANG Jingtian,XIAO Xiao, REN Zhengyong, WANG Ye, ZHANG Jifeng	Poster
S5_S08	Wang Ye	Poster	The finite-element modeling of high-frequency MT data	TANG Jingtian,WANG Ye, XIAO Xiao, REN Zhengyong, ZHANG Jifeng	Poster
S5_S09	TANG Jingtian	Poster	Finite element modeling of 3D Geo-electromagnetic fields by vector-scalar potentials	TANG Jingtian,ZHANG Jifeng, WANG Ye, REN Zhengyong, XIAO Xiao	Poster
S5_S10	Li Xiu	Poster	3-D velocity model-building method of migration imaging in TEM pseudo-wave field	Li Xiu,Fan Tao, Zhang Xu	Poster
S5_S11	qingyun di	Poster	Modeling of the long bipole electromagnetic field based on the integral equation method	DI Qingyun,Michael Zhdanov, Masashi Endo, and Wang Ruo	Poster
S5_S12	Xiao zhong TONG	Poster	Three-dimensional magnetotelluric forward modeling using finite element method combined with divergence condition	LIU Jianxin,TONG Xiaozhong, GUO Rongwen, LI Aiyong	Poster
S5_S13	Marion Miensopust	Poster	A finite-element, 3D MT inversion code using local coordinates for each site and solving for distortion parameters	Marion P. Miensopust,Colin G. Farquharson, Alan G. Jones	Poster
S5_S14	cumthubo	POSTER	Calculation of TEM Fields of Arbitrary Direction in Mining	Hu Bo,Yue JianHua	Poster
S5_S15	Wanghao	Poster	The long-data section inverse research about High-density resistivity method	WANG Hao,LIU jian-xin	Poster
S5_S16	C. Schwarzbach	Poster	A 3-D model study for marine EM using vector finite elements	C. Schwarzbach,R.U. Börner, K. Spitzer	Poster
S5_S17	Deng Xiaokang	Poster	Research on a new method of advanced focus detection with DC resistivity in tunnel	RUAN Bai-Yao,DENG Xiao-Kang, LIU Hai-Fei, ZHOU Li, ZHANG Li	Poster
S5_S18	XU Lingzhou	Poster	A Improvement of MT Probability Tomography	XU Lingzhou	Poster
S5_S19	Rachel Maier	Poster	Joint inversion of gravity and magnetotelluric data	MAIER Rachel,HEINSON Graham, TINGAY Mark, GREENHALGH Stewart	Poster
S5_S20	Erno Pracser	Poster	Comparison of inversion results along the profile CELEBRATION-7 (SW-Hungary)	KISS János,NOVÁK Attila, PRÁCSEK Ernő	Poster
S5_S21	Thomas Kalscheuer	Poster	Radiomagnetotelluric two-dimensional forward and inverse modelling accounting for displacement currents	Thomas Kalscheuer,Laust B. Pedersen, Weerachai Siripunvaraporn	Poster
S5_S22	Max Moorkamp	Poster	Non-linear joint inversion of multiple datasets with a genetic algorithm	Max Moorkamp,Alan G. Jones, S. Fishwick, S. Lebedev and The SAMTEX Team	Poster
S5_S23	Jingjin Lu	Poster	3D DC resistivity modelling using a matrix-dependent multigrid method	LU Jingjin,WU Xiaoping, Klaus Spitzer	Poster
S5_S24	Eugene Pavlov	Poster	Multistage inversion of transient electromagnetic data	Eugene V. Pavlov	Poster
S5_S25	Jianguo Sun	Poster	The quasi-analytical approximations and series in electromagnetic modeling revisited	SUN Jianguo	Poster
S5_S26	LIN Changhong	Poster	Three-dimensional magnetotelluric inversion using conjugate gradients	LIN Changhong,TAN Handong, TONG Tuo	Poster
S5_S27	Changfu Yang	Poster	Forward modelling and inversion of two-dimensional MT data	YANG Changfu,QIN Linjiang	Poster
S5_S28	Josef Pek	Poster	Anomalies of magnetotelluric field due to electrical anisotropy and their inverse conductivity images	Josef PEK,Fernando A. M. SANTOS, Yuguo LI	Poster
S5_S29	Dmitry Alekseev	Poster	Analysis of the MT-responses, modeled for the idealized subduction zone 3D-conductivity structure	Dmitry Alekseev,Nick Palshin	Poster

S5_S30	Max Moorkamp	Poster	Proposal for a standardized 3D EM model format based on NetCDF	Max Moorkamp, Michele Belmonte, Randall L. Mackie and Marion Miensoopust	Poster
S5_S31	Noriko Tada	Poster	Modification of a 3-D magnetotelluric forward code considering topography effect in order to estimate 3-D conductivity structures of oceanic upper mantle using inversion method	Noriko Tada ,Kiyoshi Baba, Weerachai Siripunvaraporn , Makoto Uyeshima, Hisashi Utada	Poster
S5_S32	Wenke Wilhelms	Poster	On the way towards a fast 3D magnetotelluric inversion	W. Wilhelms,R.-U. Börner and K. Spitzer	Poster
S5_S33	Ralph-Uwe Boerner	Poster	Advances in the numerical solution of the 3-D TEM forward problem	Martin Afanasjew,Ralph-Uwe Börner, Michael Eiermann, Oliver G. Ernst, Stefan Güttel, Klaus Spitzer	Poster
S5_S34	estelle roux	Poster	Joint inversion of magnetotelluric and surface waves data in anisotropic media	Estelle Roux,Max Moorkamp, Alan G. Jones, Sergei Lebedev	Poster
S5_S35	Makoto Uyeshima	Poster	3-D resistivity structure in the vicinity of the Atotsugawa fault revealed by a Network-MT survey	UYESHIMA, M., OGAWA, T.YAMAGUCHI, S., MURAKAMI, H.,TOH, H. , YOSHIMURA, R., OSHIMAN, N. , TANBO, T. , KOYAMA, S., MOCHIZUKI, H. , MARUTANI, Y. , USUI, Y. , SIRIPUNVARAPORN, W.	Poster
S5_S36	Jochen Kamm	Poster	2D-inversion of Magnetic Resonance Sounding data	KAMM Jochen,BECKEN Michael, YARAMANCI Ugur	Poster
S5_S37	Weerachai Siripunvaraporn	Poster	Current version of WSINV3DMT	Weerachai Siripunvaraporn,Gary Egbert and Hisashi Utada	Poster
S5_S38	Weerachai Sarakorn	Poster	Three-dimensional magnetotelluric modeling using finite element method: Tetrahedral and hexahedral elements, comparison to finite	Weerachai Sarakorn,Weerachai Siripunvaraporn, and Gary Egbert	Poster
S5_S39	Alexey Semenov	Poster	A comparison of regularization schemes in 3-D inversion of global induction data	SEMENOV Alexey, KUVSHINOV Alexei JACKSON Andrew	Poster
S5_S40	Li Jianhua	Poster	Three-dimension Finite Element Forward Modeling of Cross well Electrical Logging Based on ANSYS	Li Jianhua	Poster
S5_S41	Oleg Pankratov	Poster	General formalism for the efficient calculating the derivatives of EM frequency-domain responses and the derivatives of the misfit	PANKRATOV Oleg,KUVSHINOV Alexei	Poster
S5_S42	Antje Franke	Poster	Is there a most efficient formulation of the MT boundary value problem for three-dimensional finite element simulations?	Antje Franke,Ralph-Uwe Boerner and Klaus Spitzer	Poster
S5_S43	Gary D. Egbert	Poster	Computational Recipes for Electromagnetic Inverse Problems: Mathematical Framework and Modular Implementation	Gary D. Egbert, Anna Kelbert	Poster
S5_S44	Takao Koyama	Poster	Fast and memory-saved 3-D forward modeling code for MT by using integral equation method	KOYAMA Takao,UTADA Hisashi, Dmitry B. AVDEEV	Poster
S5_S45	Pascal Tarits	Poster	3-D inversion of 2-D MT profiles	TARITS Pascal,HAUTOT Sophie	Poster
S5_S46	Ralph-Uwe Boerner	Poster	1-D inversion of airborne electromagnetic data from 2-D and 3-D models	Margarete Vasterling,Ralph-Uwe Börner, Klaus Spitzer	Poster
S5_S47	Ralph-Uwe Boerner	Poster	Calculation of sensitivities for the inversion of electromagnetic data	Angelika Ullmann,Ralph-Uwe Börner, Klaus Spitzer	Poster
S5_S48	Gary D. Egbert	Poster	Hybrid Occam/Conjugate Gradient Methods for Practical Electromagnetic Inversion	Gary D. Egbert,Weerachai Siripunvaraporn	Poster
S5_S49	BOLOGNA Mauricio S.	Poster	Unraveling crustal and upper mantle electrical structures beneath the northeastern border of the Paraná basin, SE Brazil, with magnetotellurics	BOLOGNA Mauricio S.,PADILHA Antonio L., VITORELLO Ícaro,PÁDUA Marcelo B.	Poster
S5_S50	Puwis Amatyakul	Poster	A joint inversion of direct-current resistivity and magnetotelluric data	Puwis Amatyakul,Weerachai Siripunvaraporn	Poster
S5_S51	Puwis Amatyakul	Poster	Domain decomposition for 2D magnetotelluric forward modeling	Tawat Rung-Arunwan,Weerachai	Poster
S5_S52	CAI Juntao	Poster	The choice of polarization mode in two-dimensional inversion versus three-dimensional magnetotelluric data	CAI Juntao,ZHAO Guoze, CHEN Xiaobin	Poster

S5_S53	LIN Feng,	Poster	New arrays of electrical and electromagnetic sounding: three-dimensional modeling, inversion, and the first geological results	EPOV Mikhail, KAJUROV Konstantin, EREMIN Viktor, SHURINA Ella, YELTSOV Igor, GLINSKIKH Viacheslav, NIKITENKO Marina, and	Poster
S5_S54	GAO ShuQuan	Poster	Application of Occam inversion in interpreting the fix-wing time-domain airborne electromagnetic data	MAO Lifeng, WANG Xuben	Poster

Session 6) Marine EM studies

Ser. No.	submitter	Author's Expectation for Oral or Poster	Title	authors	Will it be arranged as Oral or Poster in the workshop?
S6_E01	Kurt Strack	Oral	Marine time domain CSEM: an emerging technology	Kurt Strack,Norman Allegar, Svein Ellingsrud	Oral
S6_E02	FU Changmin	Poster	MARINE CSEM MODELLING	FU Changmin,DI Qingyun	Poster
S6_E03	Le Wan	Oral	Rigorous 3D inversion of marine magnetotelluric data in offshore hydrocarbon exploration	Michael S Zhdanov, Le Wan, Arun Kumar, Alex Gribenko,Martin Cuma, Kerry Key, Steven Constable	Oral
S6_E04	Jin Chen	Oral	The Empirical Mode Decomposition (EMD) method and Hilbert-Huang Transform (HHT) in MT data processing	Jin CHEN,Marion JEGEN-KULCSAR	Oral
S6_E05	LI Yuguo	Oral	Transient electromagnetic survey in shallow water	LI Yuguo,Steven CONSTABLE	Oral
S6_E06	Wang Zhigang	Poster	Born approximation 3D inversion for the marine CSEM data	Wang Zhigang,He Zhanxiang , Sun Weibin , Wang Yongtao , Li Haijin	Poster
S6_S01	Steven Constable	Poster	Advances in Marine EM Research at Scripps Institution of Oceanography	Steven CONSTABLE,Kerry KEY, Yuguo LI, David MYER, Arnold ORANGE,Karen WEITEMEYER, and Brent WHEELLOCK	Poster
S6_S02	SWIDINSKY Andrei	Poster	An investigation into the applicability of seismic interpretation methods to transient marine CSEM data over resistive gas hydrate structures	SWIDINSKY Andrei ,EDWARDS, R Nigel	Poster
S6_S03	Nikolay Palshin	Poster	New seafloor instrument for observing EM fields at shallow water	Nikolay Palshin,Victor Derevnin, Eugenie Kopytenko, Sergey Polyakov, Boris Reznikov, Boris Samsonov, Dmitry Shvoev and Maxim Smimov	Poster
S6_S04	Katrin Schwalenberg	Poster	Marine Controlled Source Electromagnetics on the Hikurangi Margin, New Zealand: Evidence of Submarine Gas Hydrate Deposits in Context with Methane Seepage and Active Venting	Katrin Schwalenberg,Ingo Pecher, Jeffrey Poort, Marion Jegen	Poster
S6_S05	Tamara Worzewski	Poster	Marine Magnetotellurics on Costa Rican Subduction Zone	Tamara Worzewski, Marion Jegen-Kulcsa, J Chen, S Hölz, M Moorkamp, H Brasse, Guillermo Alvarado	Poster
S6_S06	Ttsuo Matsuno	Poster	Electrical structure beneath the central Mariana subduction, fore-arc, arc, back-arc system	MATSUNO Tetsuo,SEAMA Nobukazu, BABA Kiyoshi, GOTO Tada-nori, CHAVE Alan, EVANS Rob, WHITE Antony, BOREN Goran, YONEDA Asami, HEINSON Graham, IWAMOTO Hisanori, TSUJINO Ryosuke, BABA Yuta, UTADA Hisashi, SUYEHIRO Kiyoshi	Poster

S6_S07	Jean Marie Flexor	Poster	Marine magnetotelluric (MMT) investigation of Santos Basin, Brazil.	Vinicius R Pinto, Jean M Flexor, Sergio L Fontes, Emanuele La Terra, Emin Ulugergerli, Maxwell Meju	Poster
S6_S08	Reza A. Mir	Poster	3D modelling of randomly distributed resistive media to investigate the EM response of resistive heterogeneous targets	Reza Mir, Carsten Scholl, R Nigel Edwards	Poster
S6_S09	SONG Shilei	Poster	Study on the Response of 3D Marine Controlled-source	SONG Shilei, LIU Sha, WEI Wenbo	Poster
S6_S10	Vikas C Baranwal	Poster	Borehole-seafloor marine CSEM for deep and shallow water cases: Some new insights	Vikas C Baranwal, Martin C Sinha	Poster

Session 7) Theoretical aspects of EM exploration, including data processing, response function analysis and distortion analysis

Ser. No.	submitter	Author's Expectation for Oral or Poster	Title	authors	Will it be arranged as Oral or Poster in the workshop?
S7_E01	RUAN Baiyao	Poster	The research on electrode systems of 3D tunnel DC focused method	RUAN Baiyao,QIANG Jianke, Shen Ping	Poster
S7_E02	Vladimir Semenov	Oral	Impedances for the mantle electromagnetic soundings	Vladimir Semenov, Vladimir Shuman	Poster
S7_E03	KIM Kangsop	Oral	A Trial for Introducing 6-element Impedance in Magnetotelluric method and its application in DPR of Korea	KIM Kangsop,HU Xiangyun	Oral
S7_E04	Yue Anping	Oral	Preliminary study on IP information in signal of extremely low-frequency electromagnetic sounding with artificial high-power fixed source	YUE Anping,WANG Miaoyue, SHI Kunfa, DI Qingyun	Poster
S7_E05	Weng Aihua	Oral	Computation of Transient Electromagnetic Field from Rectangular Loop over a Layered Earth	WEI Aihua,LIU Yunhe, GAO Lingling, CHEN Yuling	Poster
S7_E06	Yan Jiabin	Oral	ANISOTROPIC DIFFUSION AND REMOVE OF THE STATIC EFFECT IN ELECTROMAGNETIC SOUNDINGS	Jiabin Yan,Guizhong Liu, Wei Li	Poster
S7_E07	LAURENTIU ASIMOPOLOS	Oral	Statistical analyses of geomagnetic field from database over six decades at Romanian Geomagnetic Observatory	ASIMOPOLOS Laurentiu,PESTINA Agata Monica, NICULICI Eugen	Poster
S7_E08	Shalivahan	Oral	Second –Derivate of MT Apparent Resistivity Data : A Possible Solution to Detectability	Bimalendu B Bhattacharya,Shalivahan, Ranjit K Shaw	Poster
S7_E09	SHEN Jinsong	Oral	The anisotropic resistivity and the electric responses of the fractured formation	SHEN Jinsong,GUO Naichuan	Oral
S7_E10	SHI Xianxin	Oral	Time-frequency Analysis on Influence of Low resistive Shielding Layer in the Exploration of Transient Electromagnetic Field	SHI Xianxin,YAN Shu, CHEN Mingsheng ,FU Junmei	Oral
S7_E11	CHEN Rujun	Oral	Performance evaluation of MT instrument by spectral analysis	CHEN Rujun,HE Zhanxiang, HE Lanfang, LIU Xuejun, QIU Kailin	Poster
S7_S01	Zhamaletdinov A.A	Poster	Technique of processing of frequency controlled source magneto-telluric – audio-magneto-telluric (CSMT-AMT) sounding with a power line (PL), and inverse problem for CSMT-AMT PL sounding	ALEXANDER Shevtsov, ABDULKHAY Zhamaletdinov	Poster
S7_S02	Hengxin Ren	Poster	Coupling of seismic and electromagnetic waves in porous media: general solution of a numerical technique for a multi-layered model	Hengxin Ren,Qinghua Huang, Xiaofei Chen	Poster
S7_S03	Li Jie	Poster	The physical modeling experiments analysis of the exploration depth of conventional electric survey	Li Jie,LIU Jianxin	Poster
S7_S04	SUN Ya	Poster	The recognition of Static shift and correction methods in CSAMT	SUN Ya,LIU Jianxin, GUO Zheng-wei, ZHANG Wei,	Poster
S7_S05	Patricia Martinelli	Poster	Effect of magnetic media on the magnetotelluric response of 2-D structures	MARTINELLI Patricia,FERREYRA Lucas Sebastián	Poster
S7_S06	Alexey Geraskin	Poster	Controlled source electromagnetic data acquisition and processing system	GERASKIN Alexey, PANKRATOV Oleg	Poster

S7_S07	Kiyoshi Baba	Poster	Application of independent component analysis on estimation of electromagnetic response functions in a period range of $10^4 \sim 10^5$ seconds	BABA Kiyoshi, UTADA Hisashi	Poster
S7_S08	TANG Xin-gong	Poster	Influences of surround media resistivity to the resolution of TEM method	TANG Xingong, HU Wenbao and YAN Liangjun	Poster
S7_S09	TANG Xin-gong	Poster	The exploration for deep fluid by time-domain electromagnetic method	TANG Xingong, HU Wenbao and YAN Liangjun	Poster
S7_S10	Saurabh Verma	Poster	Valleys of electrical and electromagnetic equivalence and the role of joint	Saurabh Verma, Shashi P Sharma	Poster
S7_S11	Xiaoming Chen	Poster	Fractional delay filtering of time series to remove "pipeline noise"	CHEN Xiaoming, BECKEN Michael, WECKMANN Ute, YARAMANCI Ugur	Poster
S7_S12	Huang Yi	Poster	Reflection Coefficient Imaging of Magnetotelluric Data Using SVD Method	HUANG Yi, SHI Xueming, ZHANG Shengye, XIAO Min, FAN Jianke, HAN Muran	Poster
S7_S13	BoJing Zhu	Poster	Three dimensional crack propagation problem in co-seismic slip under P- and S-waves by wave time-domain hypersingular integral method	ZHU BoJing, SHI YaoLin	Poster
S7_S14	Hisashi Utada	Poster	Effect of S_q variations on the electromagnetic response functions in the period range between 3 hours and 1 day	UTADA Hisashi, YONEDA Asami, SHIMIZU Hisayoshi, BABA Kiyoshi, PALSHIN Nicolay	Poster
S7_S15	Lingxia Jiang	Poster	Robust estimation based on correlative coefficient for improving the MT data quality around 1Hz frequency	JIANG Lingxia, LIU Jianxin	Poster
S7_S16	A Zhamaletdinov	Poster	Data processing technique of deep CS MT-AMT soundings with industrial power lines and the inverse problem solution	ALEXANDER Shevtsov, ABDOLKHAJAY Zhamaletdinov	Poster
S7_S17	WANG Xiao	Poster	Extraction of artificial-source SLF/ELF electromagnetic signal and data processing	WANG Xiao, ZHAO Guoze, XIAO Qibin, CHEN Xiaobin	Poster
S7_S18	LIN Feng	Oral	Electromagnetic field as a carrier of information on a geological medium	EPOV Mikhail, SHURINA Ella, NEVEDROVA Nina, and NIKITENKO Marina	Oral

Session 8) Global induction studies using satellite and ground EM data

Ser. No.	submitter	Author's Expectation for Oral or Poster	Title	authors	Will it be arranged as Oral or Poster in the workshop?
S8_E01	Xuemin Zhang	Oral	The anomalous characteristics of Ti and Ni recorded by IAP on DEMETER Satellite before strong earthquakes	Zhang Xuemin ,Ouyang Xinyan , Liu Jing , Shen Xuhui , Qian Jiadong	Poster
S8_E02	J. Velímský	Oral	Global EM induction in the Earth: Inverse time-domain modelling based on the adjoint approach	J Velímský, Z Martinec, Ondrej Soucek	Oral
S8_E03	LIANG Zhishan	Oral	Hybrid method to calculate GICs in pipelines and its application to the gas pipeline in China	LIANG Zhishan,ZHENG Zhi, LI Xinghou	Poster
S8_E04	Xuhui Shen	Oral	General Proposal for China Seismo-Electromagnetic Satellite Project	SHEN Xuhui,DING Jianhai, QIAN Jiadong, WU Yun, SHAN Xinjian, YANG Dongme, ZHANG Jingfa, KANG Chunli	Poster
S8_E05	WANG Min	Oral	Pre-earthquake ionospheric anomalies using ground-based GPS observations	MENG Guojie,WANG Min, MA Xinxin, Suo Yucheng, JIN Honglin	Oral
S8_E06	Ulrich Schmucker	Oral	Comparative induction studies with geomagnetic observatory data in three epochs	Ulrich Schmucker	Oral
S8_E07	Ulrich Schmucker	Oral	A new analysis and interpretation of geomagnetic variation anomalies in Southern California and in Peru	Ulrich Schmucker	Poster
S8_E08	TOH Hiroaki	Oral	Internal and external separation of geomagnetic storms based on the ground observation network and its application to 3D-TDEM modeling of the conducting Earth	TOH Hiroaki, HAMANO Yozo	Oral
S8_E09	Anna Kelbert	Oral	Three-dimensional mid-mantle electrical conductivity inferred from a global observatory data set	Anna Kelbert, Adam Schultz, Gary Egbert, Alexei Kuvshinov	Poster
S8_E10	Maxim Klimenko	Oral	Numerical simulation of the earthquake precursors in the ionosphere which are caused by electric fields	Maxim Klimenko, Vladimir Klimenko	Oral
S8_S01	Zuji Qiang	Poster	Satellite infrared thermal stress field prior to earthquake and impending earthquake prediction	Zuji Qiang, Xiwei Xu	Poster
S8_S02	Yakub Velimsky	Poster	Benchmarking of global inverse problem solvers	Alexei Kuvshinov, Nils Olsen, Jakub Velímský, Zdenek Martinec, Andrew Jackson, Pascal Tarits, Oleg Pankratov, Alexey	Poster
S8_S03	Manoj Nair	Poster	Estimation of the transverse resistance of lithosphere from storm-time geomagnetic variations at coastal observatories	C Manoj ,Alexei Kuvshinov	Poster

S8_S04	Nikolay Palshin	Poster	Upper mantle conductivity in the subduction zone	Nikolay Palshin,Ivan Varentsov, Dmitry Alekseev	Poster
S8_S05	Jianping Huang	Poster	Analysis to the Energetic Particles in DEMETER	HUANG Jianping, SHEN Xuhui, ZHANG Xumin, OUYANG Xinyang	Poster
S8_S06	Shahrokh Pour Beyranvand	Poster	A new method to identify the geomagnetic anomalies related to earthquakes	POUR BEYRANVAND Sahrokh, BALI Aref, GHEITANCHI Mohammadreza, SHOMALI Zaher Hossein	Poster
S8_S07	xinyan ouyang	Poster	Study on Methods for Extracting Earthquake- related Anomalies using Observations of DEMETER Satellite Illustrated by the Case of Pu er	Ouyang xinyan,Shen Xuhui Zhang Xuemin Yang Dongmei	Poster
S8_S08	Alexei Kuvshinov	Poster	Mantle conductivity model derived from 7 years of CHAMP, Ørsted, and SAC-C magnetic data	KUVSHINOV Alexei,OLSEN Nils	Poster
S8_S09	SHIMIZU Hisayoshi	Poster	Three-dimensional geomagnetic response functions for global and semi-global scale induction problems	SHIMIZU Hisayoshi, KOYAMA Takao, BABA Kiyoshi, UTADA Hisashi	Poster
S8_S10	Alexei Kuvshinov	Poster	On induction effects of geomagnetic daily variations from Sq, EEJ and PEJ sources	KUVSHINOV Alexei,MANOJ Chandrasekharan, OLSEN Nils, SABAKA Terence	Poster

Session 9) Potpourri Session: instrument development, natural source field studies, new projects, etc.

Ser No	submitter	Author's Expectation for Oral or Poster	Title	authors	Will it be arranged as Oral or Poster in the workshop?
S9_E01	Huang ling	Oral	A model of MIMO ground penetrating radar	Ling Huang,Zhaofa Zeng, Fengshan Liu, Sixin Liu	Poster
S9_E02	Baishou LI Qiming QIN	Oral	The Influencing Factor Analysis of Passive Source SLF Electromagnetic Exploration Experiments at Two Geothermal Wells	QIN Qiming,LI Baishou, YE Xia, ZHANG Zexun, CUI Rongbo	Poster
S9_E03	KOREPANOV Valery	Oral	Recent advances in magnetotelluric instrumentation and field results	KOREPANOV Valery,KLYMOVYCH Yevhen, TREGUBENKO Victor	Oral
S9_E04	yu shengbao	Oral	The Application of Large Fixed-source Loop Transient Electromagnetic System	Yu Shengbao,Rong Liangliang,Tian Lei and Zeng Zhaofa	Poster
S9_E05	Lianguang Liu	Oral	Geo-electromagnetic Data Demand for the Study of Effects of Geo-magnetic Storms on Power Grid	LIU Lianguang	Oral
S9_E06	Liu Yu	Poster	Devising 218Po Rapid Emanometer	LIU Yu, YIN Lijie, LI Haijin	Poster
S9_E07	Gary D. Egbert	Oral	Source Complications in EarthScope Magnetotelluric Data:Challenges and Opportunities	Gary D Egbert	Oral
S9_E08	LIU GuoQing	Oral	Introduction of Automated Stationary MT Systems	Mitsuru Yamashita,Leo Fox	Poster
S9_E09	Fan Yubing	Poster	High Precision Receiver for Electrical Exploration	Fan Yubing ,Liu Yong ,Liu Xiaolin ,Zhang Yangyong ,Hu Gang ,Zhao Junfen	Poster
S9_E10	LIU Guoqing	Oral	High-sensitivity EM prospecting technique based on measurement of three magnetic components of the natural EM field	Leo Fox,Olex Ingerov, Alex Golyashov, Igor Ingerov, Alex Kolin	Oral
S9_S01	rongwen guo	Poster	Bayesian theory used in appraisal of magnetotelluric parameter recovering	Jianxin Liu,Rongwen Guo, Stan E. Dosso, Xiaozhong Tong, Chunming liu,Tiegang Tong	Poster
S9_S02	stan dosso	Poster	A nonlinear Bayesian formulation for geophysical inversion	Stan E Dosso,Jianxin Liu, Rongwen Guo	Poster
S9_S03	Jiang Qiyun	Poster	Explosion-proof Resistivity Imaging System in Mine	Jiang Qiyun,Chen Rujun, Shen Ping, Pei Jing	Poster
S9_S04	Jiang Qiyun	Poster	A Precision Multi-channel Transmitting Delay Controller of Ground Penetrating Radar	Jiang Qiyun,He Jishan, Pei Jing, Shen Ping	Poster
S9_S05	Mahesh Narayanan	Poster	Continuous MT monitoring of seismogenic electromagnetic phenomenon in Koyna region, Maharashtra, India	Mahesh Narayanan, D N Murthy,Arvind Kumar Gupta, T Harinarayana	Poster

S9_S06	WANG Meng	Poster	The study of the time synchronization operation of the marine controlled electromagnetic exploration	WANG Meng,DENG Ming, ZHANG Qisheng, CHEN Kai, CUI Jinling	Poster
S9_S07	FU Guohong	Poster	Dual-frequency IP observation system with EM coupling removed directly	FU Guohong,HE Jishan , SHEN ping , JIANG Qiyun	Poster
S9_S08	Wang Xiaomei	Poster	Applying short-term earthquake tracking ULF induction magnetometer set	Wang Xiaomei,Teng Yuntian, Wang Xizhen, Wang Chen	Poster
S9_S09	Estella A. Atekwana	Reviewer	Geophysical Signatures of Microbial Activity	Estella A. Atekwana	Review