

Lecture ID	Participant ID	Lastname	Firstname	Title, authors	Lecture code
314	420	Hu	Xiangyun	2-D CSAMT FORWARD RESEARCH <i>Xiangyun Hu Guiju Wu Qiang Gong</i>	107-WED-O1330-0314
452	579	Pethő	Gábor	NUMERICAL MODELLING OF CSAMT SOURCE EFFECTS FOR ELONGATED CONDUCTIVITY STRUCTURES <i>Gábor Pethő</i>	107-WED-O1345-0452
440	570	Swidinsky	Andrei	THE MARINE CSEM RESPONSE OF A RESISTIVE SHEET: STRAIGHTFORWARD BUT NOT TRIVIAL <i>ANDREI SWIDINSKY, Nigel Edwards</i>	107-WED-O1400-0440
648	137	Spitzer	Klaus	A 3-D MODEL STUDY FOR MARINE EM USING VECTOR FINITE ELEMENTS <i>Christoph Schwarzbach, Ralph-Uwe Börner, KLAUS SPITZER</i>	107-WED-O1415-0648
3	33	Schmitter	Ernst	MODELING THE EARTH-IONOSPHERE CAVITY USING FDTD <i>ERNST D. SCHMITTER</i>	107-WED-O1430-0003
795	825	Martinec	Zdenek	THE ADJOINT SENSITIVITY METHOD OF GLOBAL ELECTROMAGNETIC INDUCTION FOR CHAMP MAGNETIC DATA <i>ZDENEK MARTINEC, Jakub Velimsky</i>	107-WED-O1445-0795
96	313	Pankratov	Oleg	GENERAL FORMALISM FOR THE EFFICIENT CALCULATING THE DERIVATIVES OF EM FREQUENCY-DOMAIN RESPONSES AND THE DERIVATIVES OF THE MISFIT <i>OLEG PANKRATOV, Alexey Kuvshinov</i>	107-WED-O1530-0096
672	761	Martyshko	Peter	ON THE STRUCTURE ELECTROMAGNETIC INVERSE PROBLEM <i>PETER MARTYSHKO, Alexey Roublev</i>	107-WED-O1545-0672
171	357	Guo	Rongwen	PARAMETERIZATION AND UNCERTAINTY ESTIMATION IN LINEARIZED AND NONLINEAR BAYESIAN MAGNETOTELLURIC INVERSION <i>RONGWEN GUO, Stan E. Dosso, Jianxin Liu, Jan Dettmer, Xiaozhong Tong</i>	107-WED-O1600-0171
1300	649	Jones	Alan	INVERTING MT 3D DATA USING LOCAL COORDINATES AND TAKING DISTORTION PARAMETERS INTO ACCOUNT: PROGRESS AND PRELIMINARY RESULTS <i>Marion P. Miensopust, Colin G. Farquharson, ALAN G. JONES</i>	107-WED-O1615-1300
868	856	Avdeeva	Anna	SALT DOME OVERHANG DETECTABILITY STUDY FOR MARINE MAGNETOTELLURIC METHOD <i>ANNA AVDEEVA, Romina Gehrman, Marion Jegen</i>	107-WED-O1630-0868
656	586	Roy	Indrajit	AN INTEGRATED APPROACH IN GEOPHYSICAL MODELLING USING SEISMIC TRAVEL TIME, MAGNETOTELLURIC AND POTENTIAL FIELD DATA - EXAMPLE FROM THE MILLUNGERA BASIN, NORTH QUEENSLAND, AUSTRALIA <i>INDRAJIT ROY</i>	107-WED-O1645-0656

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135	148	Lu	Jingjin	ALGEBRAIC MULTIGRID METHOD FOR 3D DC RESISTIVITY MODELING <i>JINGJIN LU, Xiaoping Wu, Klaus Spitzer</i>	107-WED-P1700-0135
225	330	Sharma	Shashi	GLOBAL OPTIMIZATION FOR THE INTERPRETATION OF MAGNETOTELLURIC SOUNDING DATA USING POLYNOMIAL APPROXIMATION AND ESTIMATION OF STATIC SHIFT <i>Shashi Prakash SHARMA and Marta KIS</i>	107-WED-P1700-0225
520	636	Lin	Changhong	THREE-DIMENSIONAL CONJUGATE GRADIENTS INVERSION OF MAGNETOTELLURIC IMPEDANCE TENSOR <i>CHANGHONG LIN, Handong Tan, Tuo Tong</i>	107-WED-P1700-0520
596	623	Ichihara	Hiroshi	A REALISTIC 3-D RESISTIVITY MODEL EXPLAINING ANOMALOUS LARGE MAGNETOTELLURIC PHASES <i>HIROSHI ICHIHARA, TORU MOGI</i>	107-WED-P1700-0596
611	468	Mothe	Shireesha	PROCESSING OF MAGNETOTELLURIC DATA - A COMPARATIVE STUDY WITH 4 AND 6 ELEMENT IMPEDENCE TENSOR ELEMENTS <i>Mothe Shireesha and T. Harinarayana</i>	107-WED-P1700-0611
638	735	Mir	Reza	3D MODELLING OF RANDOMLY DISTRIBUTED MEDIA TO INVESTIGATE EM RESPONSE OF RESISTIVE HETEROGENEOUS TARGETS <i>REZA A. MIR, R. Nigel Edwards</i>	107-WED-P1700-0638
694	757	Tada	Noriko	MODIFICATIONS ON WSINV3DMT TO APPLY SEAFLOOR MT DATA <i>NORIKO TADA, Kiyoshi Baba, Weerachai Siripunvaraporn, Makoto Uyeshima, Hisashi Utada</i>	107-WED-P1700-0694
902	653	Sokolova	Elena	JOINT 2D MT/MV INVERSION IN HIGH MOUNTAINES: IMITATION STUDIES <i>ELENA SOKOLOVA, Ivan Varentsov, Natalia Baglaenko, Nina Golubtsova, Pavel Ivanov, Pavel Pushkarev, NARYN WG</i>	107-WED-P1700-0902
1263	1058	Stefaniuk	Michal	COMBINED NLCG /SBI MAGNETOTELLURIC DATA INVERSION FOR RECOGNITION OF COMPLEX GEOLOGICAL STRUCTURES <i>MICHAL STEFANIUK</i>	107-WED-P1700-1263
1278	1049	Koyama	Takao	POSSIBILITY OF THREE-DIMENSIONAL MAGNETOTELLURIC (MT) INVERSION BY USING MT PHASE TENSOR DATA <i>TAKAO KOYAMA</i>	107-WED-P1700-1278
1326	82	Novák	Attila	BASIC FEATURES AND NOISE SENSITIVITY OF MAGNETOTELLURIC INVARIANT IMAGES <i>ATTILA NOVÁK, Antal Ádám, László Szarka</i>	107-WED-P1700-1326