

Poster Presentations

Introduction by each author for 1 minute scheduled on November 26 (Sunday) at 10:00

Introduction	Title	Authors	Poster No.
Regional/Global Structural Applications			
Room-1 10:00-10:02	Numerical simulation to estimate the influence of structural deformation to fluid flow in a modeled	<i>Ayumu Miyakawa, Takayuki Miyoshi, Yasuhiro Yamada and Toshifumi Matsuoka</i>	p40
Room-1 10:02-10:04	Application of Infrared Remote Sensing to Mine Exploration in Desert Zones	<i>Terumi Inagaki, Masashi Kitayama and Masato Monden</i>	p41
Seismic/Geodetic Imaging Technologies			
Room-1 10:04-10:06	A Modified Grid Raytracing Method	<i>Liguo Han, Dianmi Liu, Cai Liu, Yang Liu and Motoyuki Sato</i>	P3
Room-1 10:06-10:08	Two-dimensional elastic wave modeling with surface topography using a weighted-averaging finite-element method	<i>Jihyang Choi, Dong-Joo Min, Myung Jin Nam, Changsoo Shin, and Jung Hee Suh</i>	P4
Room-1 10:08-10:10	Modeling using the Rotated Staggered Finite-difference Grid and Fracture Compliance Matrix	<i>Tsuneo Kikuchi</i>	P5
Room-1 10:10-10:12	Simulation of Microtremor	<i>Yoshiya Oda, Shaokong Feng and Kunihiko Doi</i>	P6
Room-1 10:12-10:14	One Discussion of Relationship between Underground Inelasticity and Deformations around the Japanese Islands	<i>Satoru Fujihara</i>	P7
EM/GPR Imaging Technologies			
Room-1 10:14-10:16	Depth Estimation of the Interface with Surface Waves by Linear Dipole Array in Crosshole Borehole Radar	<i>Kazushi Kondo and Satoshi Ebihara</i>	P8
Room-1 10:16-10:18	Analysis of EM responses of rock bolts by FDTD modeling	<i>Changhyun Lee, Kyosuke Onishi, Toshifumi Matsuoka and Takao Aizawa</i>	p9
Room-1 10:18-10:20	Detection of Water Leak from a Mortar Wall Buried in Sand by Geophysical Survey Methods	<i>Toshiyuki Yokota, Soon Jee Seol, Hyoung Seok Kwon, Yuji Mitsuhashi, Toshihiro Uchida, Tomoaki Shimizu and Kazutoshi Narumoto</i>	p10
Room-1 10:20-10:22	Detection of the buried archaeological structures at a site of Dahshur Necropolis, Giza, Egypt	<i>Mahmoud Gaballah, Gad El-Qady, El-Said Ahmed, Magdy Atya, Abbas Mohamed and Salah Mousa</i>	p11
Room-1 10:22-10:24	Field Evaluation of Handheld Landmine Detection GPR System in Croatia	<i>Kazunori Takahashi, Feng Xuan, Takao Kobayashi, Qi Lu and Motoyuki Sato</i>	p12
Room-1 10:24-10:26	Numerical Modeling of Antenna Transmission for Borehole Ground-Penetrating Radar	<i>Hannuree Jang and Mi Kyung Park</i>	p13
Room-1 10:26-10:28	Numerical modeling of SP observed at a low-temperature geothermal site, Korea	<i>Sung Keun Lim, Yoonho Song, Tae Jong Lee, Kasumi Yasukawa and Young Soo Song</i>	p14
Room-1 10:28-10:30	Integration of Surface Geophysical Methods for Fracture Detection in Crystalline Bedrocks of Southwestern Nigeria	<i>Adepelumi Adekunle Abraham, Myeong-Jong Yi, Jung-Ho Kim and Jeong-Sul Son</i>	p15
Laboratory/Scaled Geophysics			
Room-1 10:30-10:32	A Study on the Seismic Characteristics of Gas Hydrate using Physical and Numerical Modeling	<i>Sung-Ryul Shin, Eun-Min Yeo and Chan-Su Kim</i>	p22
Room-1 10:32-10:34	The Changes in Physical Property of Casing Cement by Supercritical CO ₂ for Geological Sequestration	<i>Daisuke Tanaka, Yasuhiro Yamada and Sumihiko Murata</i>	p23
Imaging/Interpretation Frontiers			
Room-1 10:34-10:36	Fault Detection using Coherency Attribute in Khangiran Gas Field, Iran	<i>Ali Reza Javaheri Niestanak, Abdolrahim Javaherian and Navid Amini</i>	p42
Room-1 10:36-10:38	Monitoring of Groundwater Behavior on a Rock Slope by Combination Geophysical Prospecting	<i>Makoto Nakamura and Harushige Kusumi</i>	p43
Room-1 10:38-10:40	Overpressure detection frequency attributes	<i>Ehsan Zabihi Naeini and Hamid Reza Siahkoobi</i>	p44

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Introduction	Title	Authors	Poster No.
	Sensors and Acquisition Technologies		
Room-2 10:00-10:02	Development of Seismic Data Acquisition System for High Resolution Site Survey at Shallow Marine	<i>Sung-Ryul Shin and Young-Jun Kim</i>	P1
Room-2 10:02-10:04	Application of 3D Laser Mapping and HEM using UAV for the Landslide Investigation of the Mid Niigata Prefecture Earthquake	<i>Fumiya Nakayama, Masahiko Nagai, Seiichiro Kuroda, Youichi Yuuki and Koyo Hatakeyama</i>	P2
	Data/Signal Processing		
Room-2 10:04-10:06	Interferometry for Electromagnetic Transients and Noise Recordings in Lossy Media	<i>Evert Slob, Deyan Draganov and Kees Wapenaar</i>	p16
Room-2 10:06-10:08	Seismic Data Compression using United Transform Method	<i>Cai Liu, Peimao Wang, Gao Ru, Liu Yang, Motoyuki Sato</i>	p17
Room-2 10:08-10:10	The Poststack Random Noise Reduction Applying Adaptive Wiener Filter	<i>Cai Liu, Dian Wang, Yang Liu, Jun Bao Yang, Mao Pei Wang and Motoyuki Sato</i>	p18
Room-2 10:10-10:12	Interferometric Cross-hole Tomography	<i>Kentaro Torii, Kazuya Shiraishi, Kyosuke Onishi, Toshifumi Matsuoka, Toshinori Kimura and Takao Aizawa</i>	p19
Room-2 10:12-10:14	Imaging by Seismic Interferometry using Coda Waves in Inhomogeneous Medium	<i>Mieko Tanaka, Toshifumi Matsuoka, Masami Hato, Kazuhiro Tsukada and Kyosuke Onishi</i>	p20
Room-2 10:14-10:16	An analysis of temperature perturbations due to ground surface temperature changes in a layered earth	<i>Jungmi Nam, Youngmin Lee, Yoonho Song, and Jung Hee Suh</i>	p21
	Multi-scale Imaging/Interpretation Methodologies		
Room-2 10:16-10:18	Automatic Detection of Wavelets Interfering in Seismic Sections using Fractal Methods	<i>Shaban Ali Gholamy, Abdolrahim Javaherian and Abdolreza Ghods</i>	p24
Room-2 10:18-10:20	Geophysical Investigations for Abu Hawis Shear Zone, Central Eastern Desert, Egypt	<i>Ibrahim M. E. Gaafar, Tarek M. Ibrahim and Ali A. Ahmed</i>	p25
	Reservoir Characterization		
Room-2 10:20-10:22	Delineation of Gas Hydrate-bearing Sediments by Multi Seismic Attributes using 3D Seismic Survey in the Eastern Nankai Trough Area	<i>Takao Inamori and Tatsuo Saeki</i>	p29
Room-2 10:22-10:24	Numerical Simulation of Crystal Growth in Supersaturated Solution by using Lattice Boltzmann Method	<i>Hiroyuki Ikeda, Takayuki Miyoshi, Kyosuke Onishi, Yasuhiro Yamada and Toshifumi Matsuoka</i>	p30
Room-2 10:24-10:26	Seismic Identification and Characterization of Gas Hydrates in the Central Sunda Margin Area - Indonesia	<i>Alfian Bahar, Djoko Santoso, Fikril Hakiki, Sri Widiyantoro, Yusuf Surachman</i>	p31
Room-2 10:26-10:28	An Experimental Study of Residual Gas in Aquifer	<i>Koji Takahashi, Yasuhiro Yamada, Sumihiko Murata, Kei Baba and Toshifumi Matsuoka</i>	p32
Room-2 10:28-10:30	Measuring Elastic Wave of Porous Media in the Freezing and Thawing Process of Methane Hydrate	<i>Kyosuke Onishi, Kazuhiko Tsukada, Toshifumi Matsuoka and Yasuhiro Yamada</i>	p33
Room-2 10:30-10:32	Statistical AVO Modelling and Petrophysical Analysis over Moonstone 3 Well, Offshore Niger Delta, Nigeria	<i>Olorunniwo, M. A., Oghenah, G. K., Falebita, D. E. and Adepelumi, A. A.</i>	p34
	Spatial/Time-Lapse Data Management		
Room-2 10:32-10:34	Multi-electrode Resistivity Monitoring of Air and Carbon Dioxide Gas Injection Experiments	<i>Shinichi Takakura, Toshiyuki Tosha and Tsuneo Ishido</i>	p26
Room-2 10:34-10:36	Application of electrical resistivity measurements for leachate monitoring	<i>Sam Gyu Park, Jung Ho Kim, Myeong Jong Yi and Changryol Kim</i>	p27
Room-2 10:36-10:38	Continuous Active Seismic Observation using ACROSS Source and Seismometer Array ---Toward Active Monitoring of Tokai Seismogenic Area---	<i>Toshiki Watanabe, Ryoya Ikuta, Koshun Yamaoka, Tomoyuki Soma and Naoyuki Fujii</i>	p28
	Shallow/Near-Surface Structural Applications		
Room-2 10:38-10:40	Standardizing procedures for Near Surface Geophysical Surveys	<i>Akihiko Chiba and The Advisory Committee on the Standardization</i>	p35
Room-2 10:40-10:42	Estimation of Subsurface Inhomogeneity by Polarimetric GPR	<i>Takao Kobayashi</i>	p36
Room-2 10:42-10:44	Geotechnical Investigation of Settlement Induced by Groundwater Seepage: Case Study from Ile-Ife, Southwestern Nigeria	<i>Adepelumi Adekunle Abraham</i>	p37
Room-2 10:44-10:46	Model Tank Electrical Resistivity Characterization of LNAPL Migration in a Clayey-sand Formation	<i>Adepelumi Adekunle Abraham</i>	p38
Room-2 10:46-10:48	Estimating underground tilt variations under some loading conditions on the ground surface using FEM	<i>Takeshi Shimizu, Kyosuke Onishi, Yasuhiro Yamada, Toshifumi Matsuoka</i>	p39