

The 15th International Symposium on Recent Advances
in Exploration Geophysics (RAEG2011)

PROGRAM

November 24th (Thursday)

13:00-13:05

Opening

13:05-15:25

Oral Session

(20 min / each presentation including discussion)

- 1) Numerical studies on relationship between coda-Q and stress field, and prospects for application to real data
Kyosuke Okamoto, Hitoshi Mikada, Tada-nori Goto and Junichi Takekawa
- 2) Geo-mechanical analysis of faulting in sandbox experiments
Masashi Nakatsukasa, Yasuhiro Yamada and Tetsuya Tokiwa
- 3) Multi-mode inversion by direct fitting of SPAC coefficients using amplitude response of surface waves
Tatsunori Ikeda, Toshifumi Matsuoka, Takeshi Tsuji and Koichi Hayashi
- 4) Prediction of gas-oil contact from surface seismic exploration
Yunosuke Iwaki, Hitoshi Mikada, Tada-nori Goto and Junichi Takekawa
- 5) 3D model of groundwater diffusion analysis and research of groundwater characterization based on field measurement in Kyoto basin
Takafumi Kitaoka and Harushige Kusumi
- 6) Electromagnetic scattering by a fine silica sphere in layered paint
Jun Horie, Hitoshi Mikada, Tada-nori Goto and Junichi Takekawa
- 7) Marine controlled-source electromagnetic sounding on submarine massive sulphides using numerical simulation
Naoto Imamura, Tada-nori Goto, Junichi Takekawa and Hitoshi Mikada

15:25-16:00

Tea Break and Poster Session

Poster Session:

- 1) New method for investigating soil liquefaction based on SAR interferometry;
application to the 2011 off the coast of Tohoku earthquake
Kazuya Ishitsuka, Takeshi Tsuji and Toshifumi Matsuoka

- 2) Evaluation of precipitation rates with clogging models for CO₂ mineral
trapping
SeungYoul Yoo, Yoshitada Mito, Toshifumi Matsuoka and Akira Ueda

- 3) Applications of the full-wave inversion techniques to Ocean Acoustic
Tomography of the synthetic data
Yukihiro Kida, Hitoshi Mikada, Tada-nori Goto, Junichi Takekawa

16:00-18:00

SEG 2011 South & East Asia Honorary Lectures (Part I)

“Incorporating the Fourth Dimension into Geophysical Data Interpretation”

Lecturer: **Dr. Jung-Ho Kim**

(Korea Institute of Geoscience and Mineral Resources)

18:00-18:15

Group Photo

18:15-20:15

Conference Dinner: at the restaurant (1F)

November 25th (Friday)

09:30-12:00

SEG 2011 South & East Asia Honorary Lectures (Part II)

“Geophysical Issues and Challenges in Southeast Asia

with Emphasis on Malay Basin”

Lecturer: **Prof. Deva Ghosh** (PETRONAS Research)

12:00-12:05

Closing