the 12th International Symposium on Recent Advances in Exploration Geophysics (RAEG2008)

January 17, 2008
Jinyu Hall, Kyoto University, Japan

PROGRAM

9:30 Open registration

10:00 - 10:05 Opening address
Prof. T. Matsuoka (Kyoto University)

------------------------- Morning Session -------------------------

Carbon Dioxide Sequestration (Chair: C. Miranda)

10:05 - 10:25 Resistivity measurement for estimation of temperature and pressure affect to CO2 migration
Yoshihiro Nakatsuka, Kyosuke Onishi, Yasuhiro Yamada, Ziqiu Xue, and Toshifumi Matsuoka

10:25 - 10:45 Trapping mechanism in CO2 geological sequestration
Ziqiu Xue, and Saeko Mito

10:45 - 11:05 Estimation of permeability/porosity structures of the Neogene sedimentary basin based on laboratory tests
Shin-ichi Uehara, Toshihiko Shimamoto, and Yuzo Ohnishi

11:05 - 11:25 Geochemical results on the CO2 Georeactor sequestration tests at the Ogachi hot dry rock site, northeast Japan
Akira Ueda, Yoshihiro Nakatsuka, Makoto Kunieda, Yoshihiro Kuroda, Tatsuya Yajima, Hisao Satoh, Akiko Ozawa, and Koichi Kato
11:25 - 11:45  Nanogeoscience: there's plenty of room at the ground  
Caetano Rodrigues Miranda, and Toshifumi Matsuoka

11:45 - 12:00  Lunch

------------------------- Afternoon Session 1 -------------------------

**Offshore Geophysics** (Chair: T. Tsuji)

13:00 - 13:20  Estimation of gas hydrate saturation and volume at Nankai Trough Site C0002  
Ayumu Miyakawa, Yasuhiro Yamada, Yasuyuki Nakamura, Saneatsu Saito, Masataka Kinoshita, and the Expedition 314 Scientists

13:20 - 13:40  Structural styles at Nankai accretionary prism revealed by Logging-While-Drilling at NantroSEIZE Exp. 314  
Yasuhiro Yamada, J. Casey Moore, Lisa McNeill, and IODP Expedition 314 Shipboard Science Party

13:40 - 14:00  Real-time depth updating of seismic reflection data during drilling using seismicVISION  
Gregory F. Moore, Dale S. Sawyer, Yoshinori Sanada, and IODP Expedition314 Scientific Party

14:00 - 14:20  Crustal structure analysis in the seismogenic subduction zones by wide-angle seismic data  
Gou Fujie, Aki Ito, Shuichiro Kodaïra, and Yosiyuki Kaneda

14:20 - 14:40  Depth imaging of OBS reflection data with wave field separation  
Eiichi Asakawa, Shigeharu Mizohara, Subaru Tsujimoto, Hitoshi Mikada, and Azusa Nishizawa

14:40 - 15:00  Break
Afternoon Session 2

**Seismic & Radar (Chair: K. Onishi)**

15:00 - 15:20  **The Computational Accuracy of 3D Elastic or Viscoelastic Wave Propagation by FEM**  
*Masafumi Katou, Toshifumi Matsuoka, and Hitoshi Mikada*

15:20 - 15:40  **A GPR experiment for assessment of the river levee - An example at Kokai River, Ibaraki –**  
*Toshiyuki Yokota, Yuji Mitsuhata, Tomio Inazaki, and Kyosuke Onishi*

15:40 - 16:00  **Seismic investigations in residential area liquefied by the mid Niigata prefecture earthquake in 2004**  
*Koichi Hayashi, and Masahito Tamura*

16:00 - 16:20  **Seismic attributes and reservoir modeling for Athabasca oil sands in Canada**  
*Koji Kashihara*

16:20 - 16:25  **Closing address**  
*Prof. H. Mikada* (Kyoto University)

16:25 - 17:00  **Poster session**  
(9 posters, Entrance of the Jinyu Hall)

17:00 - 18:30  **Banquet**  
(Jinyu Hall)