

INVITATION

It is our great pleasure to invite our colleagues to participate in the 8th SEGJ International Symposium, which is organized by the Society of Exploration Geophysicists of Japan (SEGJ). This biannual symposium has started as a topical symposium on tomography. Then after, we have expanded the scope of topics, and "Imaging and interpretation" is the subtitle of this symposium. Geophysical exploration technologies have enormous possibilities. However, raw data cannot give us enough information, which is included in it. Only with good imaging technology and interpretation, we can extract and use all of them. We think good balance between hardware and software technologies make it possible. It is our hope that we can provide an ideal occasion to discuss these issues in this symposium.

We believe that the international collaboration is essentially important for the future geophysical exploration and applications. SEGJ has kept good contact with Korean Society of Exploration Geophysicists (KSEG), the Australian Society of Exploration Geophysicists (ASEG), the Society of Exploration Geophysicists (SEG), European Association of Geoscientists and Engineers (EAGE), the Environmental and Engineering Geophysical Society (EEGS) and Vietnam Association of the Geophysicists (VAG). We want to enforce this collaboration in this symposium, and especially we want to provide chances to young scientists and engineers to learn more about the exciting world of Geophysical exploration. We are planning various activities in this symposium, to enhance these

issues. November in Kyoto is a truly attractive destination of tourists. See you in Kyoto and experience traditional fall in the old capital of Japan.



Motoyuki Sato (Tohoku University),
General Chairperson.

INVITED TALKS

- Gerard Schuster, University of Utah
Benefits, liabilities and examples of interferometric imaging
- Roel Snieder, Colorado School of Mines
Changing the boundary conditions in seismic interferometry, and the suppression of surface-related multiples
- Kazuro Hirahara, Kyoto University
High-resolution receiver function imaging of velocity discontinuities in the crust and the upper mantle beneath the Japan Islands
- Ru-Shan Wu, University of California, Santa Cruz
True-reflection imaging by amplitude correction in local angle domain
- Juergen Adam, Dalhousie University
Thin-skinned extension, salt dynamics and deformation in dynamic depositional systems all at passive margins
- Osamu Takano, Japan Petroleum Exploration
A new visualization era in geology and sedimentology: Impact of the development of 3D seismic technology
- Sadao Nagakubo, Japan Oil, Gas and Metals National Corporation
Fusion on 3D seismic exploration and seafloor geochemical survey
- Shigeaki Asakura, Schlumberger
New interpretation method using triple porosity model for carbonate reservoirs
- Kazuhiko Tezuka, Japan Petroleum Exploration
Characterization of basement fractured gas reservoir incorporating with hydraulic injection and microseismic monitoring
- Josè M. Carcione, Istituto Nazionale di Oceanografia e di Geofisica Sperimentale
Seismic methods to detect gas-hydrate bearing sediments
- Doug Murray, Schlumberger
Regional Trends in Formation Evaluation - China and Japan
- Hiroshi Sato, ERI, University of Tokyo
Regional Characterization of the crust in metropolitan areas, Kanto and Kinki, Japan
- Rodney Calvert, Shell
More sensitive 4D monitoring for enhanced recovery
- Tetsuro Tsuru, Cosmo Oil
Fluid flow within the plate boundary shear zones at Japan and Kuril Trenches
- Ranjit Ghose, Delft University of Technology
Quantitative multi-tool data fusion in near-surface

geophysics: New directions

Derecke Palmer, The University of New South Wales
Will Imaging Supersede Modeling as the New Paradigm for Near-surface Refraction Inversion?

PROPOSED SESSIONS AND CONVENERS

1. Sensors and Acquisition Technologies (T. Inazaki)
2. Seismic/Geodetic Imaging Technologies (T. Watanabe)
3. EM/GPR Imaging Technologies (Y. Song, J. Kim, M. Sato, K. Onishi)
4. Data Processing/Signal Processing (K. Wapenaar, E. Asakawa)
5. Laboratory/Scaled Geophysics (O. Nishizawa)
6. Multi-scale Imaging/Interpretation Methodologies (A. Saito, Y. Sanada)
7. Spatial/Time-Lapse Data Management (M. Hato, T. Inamori)
8. Reservoir Characterization (T. Endo)
9. Shallow/Near-Surface Structural Applications (T. Takahashi)
10. Regional/Global Structural Applications (Y. Yamada)
11. Disaster Mitigation Applications (H. Mikada)
12. Imaging/Interpretation Frontiers (T. Saeki)

PROGRAM (Provisional)

Friday, 24th NOVEMBER 2006.

09:10-16:20 Tutorial Course on Exploration Geophysics

Saturday, 25th

09:10-16:20 Tutorial Course on Exploration Geophysics

15:00- Registration

15:00- Exhibit set up

Sunday, 26th

10:00-12:50 Technical Session

14:00-17:40 Technical Session

18:00-20:00 Poster Core Time with Opening Beer Party

Monday, 27th

09:20-12:50 Technical Session

14:00-15:30 Welcome/Congratulatory Address

15:40-18:50 Special Session on "Role of Geophysics for Energy and Risk Mitigation"

19:00-21:00 Reception

Tuesday, 28th

09:20-12:50 Technical Session

14:00-15:40 Technical Session

16:00-17:00 Closing Session

Wednesday, 29th

Technical one-day excursion

REGISTRATION FEE

Pre-registration (Until 30th October)

Member*: ¥21,000, Non-member: ¥31,000,

Student: ¥5,000

Late or Onsite-registration

Member*: ¥27,000, Non-member: ¥37,000,

Student: ¥7,000

*Member of SEGJ / KSEG / SEG / EAGE / EEGS / VAG or supporting societies in Japan.

The fee doesn't include alcohol at opening beer party and reception.

GENERAL INFORMATION

1) Oral Presentations

A set of PC and LCD projector is available for your presentation. We plan to allocate 20 minutes including 5 minutes discussion for each presentation. A presentation preparation room is available for checking procedures and machine setting by yourself before presentation. Presentation time is subject to change depending on the number of presentations.

2) Poster Presentations

A poster should be smaller than 90cm in width and 180cm in height. You may exhibit your posters throughout the symposium at an exhibition room. Core time is scheduled at the first-day evening.

3) Reception and Special Seminar

A warm reception will take place at the International Conference Hall I. A special session on "Role of Geophysics for Energy and Risk Mitigation" will be held as an open lecture.

4) Exhibitions

Exhibitions take place in the International Conference Hall III during the symposium. Exhibitors are allowed to manage instruments or software workshop and field demonstration. For more details, please contact to the organizing committee.

5) Visa Assistance and Invitation Letter

If you require a formal letter of invitation and visa assistance, contact the organizing committee.

6) Proceedings

The proceedings of the symposium will be published and handed over to all participants at the registration site.

7) Technical one-day excursion

Technical one-day excursion around Kyoto will be planned on 29th November. Details will be announced later.

TUTORIAL COURSE

A tutorial course on exploration geophysics will be held in advance to the symposium (November 24 and 25) for scientists and engineers who are willing to learn the state-of-the-art technologies. Details will be announced later on the website or can be inquired to the organization committee.

HOTEL ACCOMODATIONS and RESERVATION

The Symposium is to be held in the **high season** of the tourism in and around Kyoto. Participants to the Symposium are requested to access the web site for accommodation at your earliest occasion. Reservation is available from the symposium website.

ACCOMPANYING PERSONS

Accompanying persons are welcome to enjoy tours supplied by agencies introduced by the organizing committee. For detailed tour information, visit <http://www.jtbgmt.com/sunrisetour/te15/index.html>.

IMPORTANT DATES

Advanced Registration Deadline : October 30, 2006.



The 8th SEGJ International Symposium

- Imaging and Interpretation -



**November 26-28, 2006.
Kyoto University Clock
Tower Centennial Hall, Kyoto,
Japan.**



General Chair:

SEGJ: Motoyuki Sato, Tohoku University.

International Advisory Committee:

KSEG: Yoonho Song, KIGAM.

ASEG: James Cull, Monash University.

SEG: Lawrence Gochioco, LM Gochioco & Associates Inc.

EAGE: Kees Wapenaar, Technical University of Delft.

EEGS: Barbara Luke, University of Nevada, Las Vegas.

VAG: Cao Dinh Trieu, Vietnamese Academy of Science and Technology

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