

The 11<sup>th</sup> Formation Evaluation Symposium of Japan  
October 5-6, 2005, JOGMEC-TRC, Chiba

Japan Formation Evaluation Society – A Chapter of SPWLA

# **The Eleventh Formation Evaluation Symposium of Japan**

**JOGMEC-TRC, Chiba  
October 5-6, 2005**

## **PROGRAM -TENTATIVE-**

**Sponsored** by Japan Formation Evaluation Society – A Chapter of SPWLA  
**Cosponsored** by Technology Research Center, Japan Oil, Gas and Metals  
National Corporation  
**Supported** by Japanese Association for Petroleum Technology  
Society of Exploration Geophysicist of Japan  
Geothermal Research Society of Japan  
Society of Petroleum Engineers, Japan Section

# Technical Program Timetable

## Wednesday, October 5

9:15 - 17:00	<i>Registration</i>	Entrance Hall
9:15 - 17:00	<i>Slide Center</i>	Room 101
10:00 – 11:10	Opening Session	Lecture Hall
10:40 - 12:50	Scientific Drilling	Lecture Hall
12:50 - 13:50	<i>lunch</i>	Cafeteria
13:50 - 14:50	Methane Hydrate	Lecture Hall
14:50 - 15:50	Fractured Reservoir	Lecture Hall
15:20 - 16:30	<i>coffee break</i>	Lobby
16:10 - 17:30	New Tools / New Technologies	Lecture Hall
18:00 - 20:00	<i>Icebreaker (including General Meeting)</i>	Cafeteria

## Thursday, October 6

9:15 - 12:00	<i>Registration</i>	Entrance Hall
9:15 - 14:30	<i>Slide Center</i>	Room 101
9:30 - 10:50	General Formation Evaluation 1	Lecture Hall
10:50 - 11:10	<i>coffee break</i>	Lobby
11:10 - 12:30	General Formation Evaluation 2	Lecture Hall
12:30 - 13:30	<i>Lunch</i>	Cafeteria
13:30 - 14:30	Reservoir Characterization	Lecture Hall
14:30 - 14:50	<i>coffee break</i>	Lobby
14:50 – 15:50	Well Test / Production Logging	Lecture Hall
15:50 – 16:00	Closing	Lecture Hall

# Technical Program

## Wednesday, October 5

### 10:00 - 11:10 Opening Session

Chairperson: Kazuhiko Tezuka (Japan Petroleum Exploration)

**Opening Address:** Norio Arihara (President of SPWLA Japan Chapter)

**Keynote Address: Future Directions in Petrophysics: The Challenges Ahead**

Jack Horkowitz (President Elect of SPWLA, Schlumberger Oilfield Services)

**Keynote Address: The Deep Sea Scientific Drilling Vessel *Chikyu* Explores the Frontier of Earth-Life Science**

Asahiko Taira (Center for Deep Earth Exploration Japan Agency for Marine-Earth Science and Technology)

### 11:10-12:50 Scientific Drilling

Chairperson: Tatsuki Endo (Schlumberger, K.K.)

- A **Core-log-seismic integration and its geological applications in scientific ocean drilling:** Moe Kyaw Thu (CDEX, JAMSTEC)
- B **Quantification of meso-scale porosity from borehole wall images, example from the Alliance Campos Experiment site, Mallorca, Spain:** Philippe Gaillot (CDEX, JAMSTEC) Maria-Sube and Philippe Pezard (Universite de Montpellier II)
- C **Characterization of fractures in oceanic crust complex from micro-resistivity log- example from ODP Leg 206 (Fast spreading crust, Guatemala Basin):** Philippe Gaillot (CDEX, JAMSTEC), Florence Einaudi (Universite de Montpellier II)
- D **Unzen Volcano Scientific Drilling: Well logging data of the USDP-4:** Tatsuya Kajiwara (Japan Metals and Chemicals Co., Ltd.), Ryuji Ikeda (Hokkaido University), Setsuya Nakada (University of Tokyo), Kozo Uto (National Institute of Advanced Industrial Science and Technology), Masatoshi Nishi (Schlumberger K.K.)
- E **High-resolution imaging of the seismogenic fault at Taiwan Chelungpu-fault Drilling Project (TCDP) hole-B:** En-Chao Yeh, Wei Ren Lin, Kinoshita Masataka, Won Soh, (IFREE, JAMSTEC), Moe Kyaw Thu and Hisao Ito (CDEX, JAMSTEC)

### 12:50-13:50 Lunch

**13:50-14:50 Methane Hydrate**

Chairperson: Osamu Osawa (Schlumberger Information Solutions)

- F Application of Wireline-Conveyed Through-Casing Formation Tester to Methane Hydrate Research in Japan:** Koji Yamamoto, Masato Yasuda, Masaru Nakamizu (JOGMEC), Koji Kusaka, Khong Chee Kin (Schlumberger)
- G Temperature monitoring results for Methane Hydrate Sediments in Nankai Trough:** Masafumi Fukuhara, Kasumi Fujii, and Yoko Morikami (Schlumberger K.K.)
- H Wireline and Logging While Drilling Acquisition and Interpretation in the Nankai Trough:** Doug Murray, Philip Armstrong, Katsuko Suzuki, Masafumi Fukuhara (Schlumberger K.K.) and Takatoshi Namikawa (JOGMEC)

**14:50-15:50 Fractured Reservoir**

Chairperson: Masaru Nakamizu (Japan Oil, Gas and Metals National Corporation)

- I Principles of the Coherence Collapsing Relocation Method and its Application to Induced Microseismicity :** Hiroshi Asanuma (Tohoku University), Tanetomo Izumi, Hiroaki Niitsuma (Tohoku University), Roy Baria (SOCOMINE), and Doone Wyborn (Geodynamics)
- J Characterization of Naturally Fractured Reservoirs by Tracer Test Interpretation:** Silvia Solano and Norio Arihara (Waseda University)
- K Streamline-Based Simulation of Tracer Flow in Naturally Fractured Reservoirs:** Atsushi Iino (Waseda University), Masanori Kurihara (Japan Oil Engineering), Norio Arihara (Waseda University) and Komei Okatsu (JOGMEC)

**15:50-16:10 Break**

**16:10-17:30 New Tools / New Technologies**

Chairperson: Hideki Saito (OYO Corporation)

- L Development of Technology for Controlled Drilling and Measurement in the Borehole:** Kenzo Kiho, Kimio Miyakawa, Koichi Suzuki, Masashi Hayakawa and Yasunobu Masuhara (Central Research Institute of Electric Power Industry)
- M Improved Method to Evaluate Steam Quality for Steam Injection Well based on Neutron Albedo Measurement:** Hidenori Sawamura (Nagoya University), T. Iguchi, K. Nishimura and J. Kawarabayashi (Computer Software Development Co., Ltd.)
- N Radar polarimetry analysis applied to Single-hole Full Polarimetric Borehole Radar:** Zhao Jianguo and Motoyuki Sato (Tohoku University)

- O EcoScope - New generation LWD, that uses technology developed by Schlumberger and JOGMEC: Andy Hendricks (Schlumberger)**

## **Thursday, October 6**

### **9:30-10:50 General Formation Evaluation 1**

Chairperson: Hiroshi Oda (Geological Survey of Japan, AIST)

- P Sequence Stratigraphic Framework of the Incised Valley System in the Athabasca Oil Sands Area, Canada: Takahiro Torigoe, Takashi Tsuji (Japan Petroleum Exploration), Akihisa Takahashi (Canada Oil Sand)**
- Q Extended Elastic Impedance (EEI) for Prediction Fluid and Sand Geometry in Mature Field: Benyamin (BP Migas) Iranta Bona Sinaga, Teguh Nugraha (Vico Indonesia) and Sony W (PGSC)**
- R Protocols for Calibrating Log NMR Derived Permeabilities: John Shafer (Reservoir Management Group), Songhua Chen, Jason Chen and Dan Georgi (Baker Atlas)**
- S Adapting a Proven Technique for Evaluating Uncertainties in Exploration Decisions Averse to Risk: Olugbenga Afuape and Takehiro Minawa (Schlumberger Information Solutions)**

### **10:50-11:10 Break**

### **11:10-12:30 General Formation Evaluation 2**

Chairperson: Masashi Takayama (Japan Petroleum Exploration)

- T Understanding the reservoir property by integrating the Wireline and LWD data: Anil Kumar Tyagi, Rupdip Guha and Ravi Bastia (Reliance Industries Ltd. Petroleum Business (E&P) India)**
- U Optimizing the Development of a Deep Water Field by Integration of Petrophysics and Geomechanics: Dinesh Zope, Rashmin Dandekar (Reliance Industries Ltd. Petroleum Business (E&P) India), Theodore Klimentos and Somesh Bahuguna (Schlumberger)**
- V Integration of NMR and Geochemical Logs for Permeability Evaluation in Thinbeds: Theodore Klimentos (Schlumberger) and Kamlesh Saxena (Reliance Industries Ltd.)**
- W The Delineation and Characterization of Deep Marine Mass Flow Packages of Sandstone Units within Bredasdorp Basin: Oluseyi Olajide and Paul Carey (University of the Western Cape)**

**12:30-13:30 Lunch**

**13:30-14:30 Reservoir Characterization**

Chairperson: Makoto Sato (Mitsui & Co.)

- X Pore-space reconstruction of carbonate rocks:** Hiroshi Okabe (JOGMEC)
- Y The Reservoir Characterization in High Compartmentalized Platform Carbonate, Finding a Needle in Haystack:** Erlangga Septama, Albert Suwandy and Kretarto Hendro Wibowo (DOH Sumbagteng/Exploitation section, PT. Pertamina)
- Z New integration technique for different scale of data to construct a permeability prediction model from well logs:** Mayu Otake, Tatsuo Shimamoto, Nozomu Inoue (Teikoku Oil)

**14:30-14:50 Break**

**14:50-15:50 Well Test Analysis / Production Logging**

Chairperson: Shougo Okamoto (Teikoku Oil)

- AA Horizontal Well Performance Evaluation and Well Testing Analysis Using Simulation Approach - a Case Study:** James Sheng (Baker Hughes Inc.)
- BB Optimized Formation Pressure Tests While Drilling in Low Permeability Formations:** Jaedong Lee, Matthias Meister, James Sheng, and Dan Georgi (Baker Hughes Inc.)
- CC New Solutions for well test analysis:** Tatsuo Shimamoto (Teikoku Oil), Norio Arihara (Waseda University)

## Registration Information

### REGISTRATION FEE

	Pre-Registration (by Sep. 16)	On Site Registration
Member or Speaker	5,000 yen	6,000 yen
Non-member	6,000 yen	7,000 yen
Student	free	1,000 yen

### Registration fee entitles a delegate to:

- Proceedings
- Technical program
- Icebreaker

### HOW TO REGISTER

The enclosed Pre-Registration Form must be returned to :

**Sora Shin**

Schlumberger K.K.

2-7-1, Hamamatsu-cho, Minato-ku, Tokyo 105 , Japan

Tel: +81(3)3434-7522, Fax: +81(3)3434-7252,

e-mail: sshin@slb.com

The Deadline for receipt of the **Pre-Registration** Form is **September 16, 2005**.

No prior proof of payment is necessary. If any changes in your registration are necessary, all additions or deletions must be made in writing to the above no later than September 16. No changes or cancellations can be made by telephone. After September 16, you must register on site. The registration Desk at the Entrance Hall will be open from 9:15 daily there.

### HOW TO PAY

All payments must be made on site by cash in Japanese Yens.

No check or credit card is accepted.

## Speaker Information

All speakers are asked to make pre-registration by **August 31, 2005**.

LCD projector or two overhead projectors are available. All speakers are asked to notify what kind of projectors they need to use in advance. Please check the Pre-Registration Form.

All speakers who use LCD are asked to carry their Power Point files by CD Rom or USB Memory and register them in the Slide Center in Room 101 at their earliest convenience.

Each oral presentation is allocated 20 minutes including question and discussion.

Presentation should be made in English.

## General Information

**DATE :** Wednesday, October 5 and Thursday, October 6

**VENUE :** Technology Research Center (TRC)  
Japan Oil, Gas and Metals National Corporation (JOGMEC)  
1-2-2, Hamada, Mihama-ku, Chiba 261

### HOW TO GET TO THE JOGMEC-TRC:

From Makuhari-Hongo Station (JR Sobu-line)

- Transportation service is available by JOGMEC-TRC
- 10 min. by taxi or 20 min. on foot

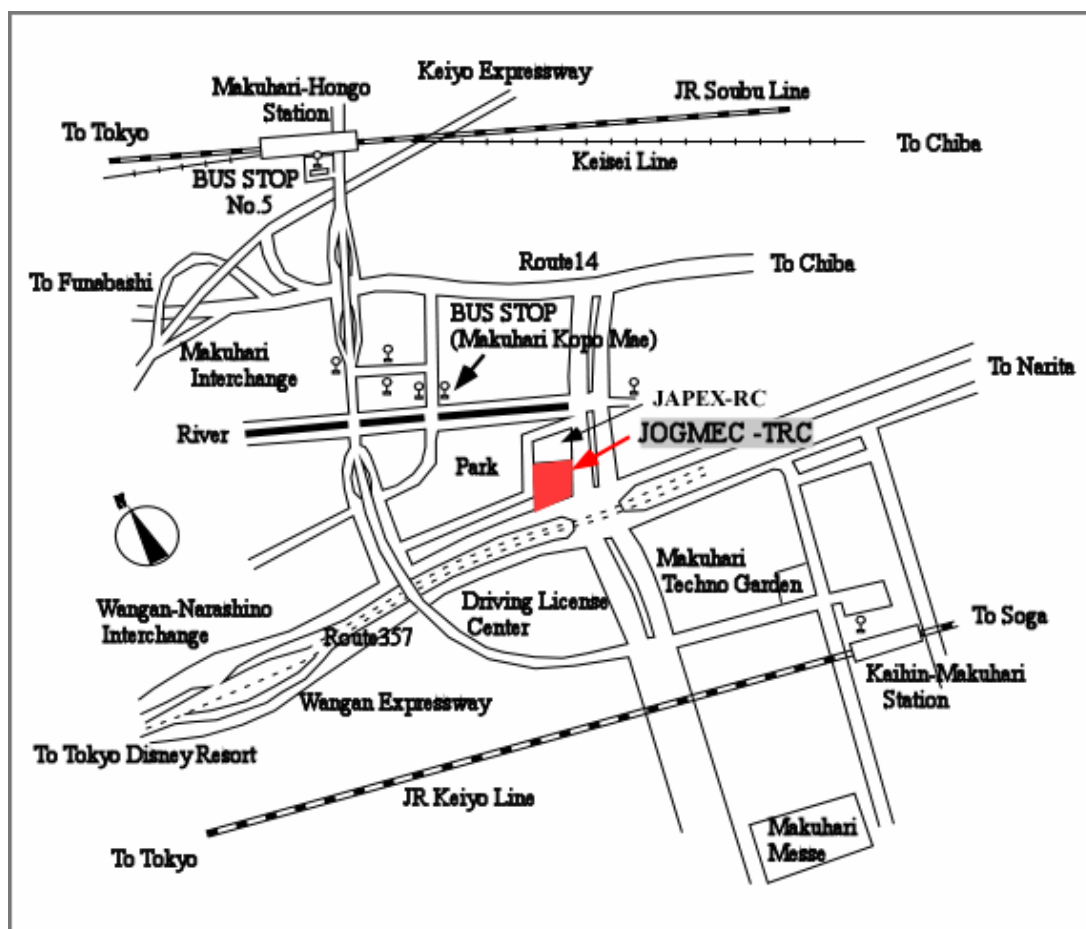
From Kaihin-Makuhari Station (JR Keiyo-line)

- 10 min. by taxi or 20min. on foot

### NOTE

Makuhari-Hongo station is about 40 min. (via Sobu Rapid Train Service) by Sobu line from Tokyo station.

Kaihin-Makuhari station is about 30 min. by Keiyo-line from Tokyo station.





## **Accommodation and Other Travel Arrangement**

Should you require any assistance to have accommodation and other travel arrangement during the Symposium at JOGMEC-TRC Makuhari, please contact Secretary of SPWLA Japan Chapter at following address by facsimile or E-mail:

**Sora Shin**

c/o Schlumberger K.K.

8F 2-7-1, Hamamatsu-cho 2-chome, Minato-ku, Tokyo. JAPAN 105

Tel. : +81 3-3434-7522, Fax. : +81 3-3434-7252

E-mail : sshin@slb.com

In order to make proper arrangement, please send us request at least 2 weeks in advance.

### **Air Port Assistance**

For foreign visitors, "Meet & Assist Service" is available up on your arrival. The request to be made September 16, 2005 latest and it will cost \$120 or more depend on the type of service you request.

### **Accommodation**

Makuhari area and Tokyo area are available at you choice.

#### **Makuhari-area (Price listed below is before discount)**

20 min. walk to JOGMEC-TRC or 10 min. by Taxi

The Manhattan	\$ 130 up
Hotel Green Tower Makuhari	\$ 120 up
Hotel New Ohtani Makuhari	\$ 170 up
Makuhari Prince Hotel	\$ 135 up

#### **Tokyo Shinagawa/Shimbashi area (Price listed below is before discount)**

40 min. to Makuhari Hongo (via Sobu Rapid Train Service) then JOGMEC-TRC bus to Symposium

Shinagawa Prince Hotel	\$ 110 - \$ 135
Intercontinental Hotel	\$ 210 - \$ 250
Takanawa Prince Hotel	\$ 180 - \$ 250
Mitsui Urban Hotel	\$ 160 up
Imperial Hotel	\$ 250 up
Daiichi Hotel	\$ 240 up

Also other hotels/area are available on your request

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### *Pre-Registration Form*

Name: \_\_\_\_\_

- SPWLA Member  
 Non-Member  
 Speaker  
 JOGMEC-TRC / Student

Institute or Company: \_\_\_\_\_

Mailing address: \_\_\_\_\_

\_\_\_\_\_

Tel: \_\_\_\_\_ Fax: \_\_\_\_\_

e-mail: \_\_\_\_\_

#### Fee

Registration:    Member or Speaker     5,000 yen  
                         Non-Member             6,000 yen  
                         Student                             free

Total \_\_\_\_\_ yen

#### Speaker only

I use LCD Projector , or OHP  one  two.

Please circle: 5<sup>th</sup> / 6<sup>th</sup> / Buffet

Signature: \_\_\_\_\_

Please return this form complete by **September 16, 2005**

To: **Sora Shin**

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