

The 16th Formation Evaluation Symposium of Japan

- Special Session: CCS -

PROGRAM

- Tentative3 -

JOGMEC-TRC, Chiba
October 7 - 8, 2010

Sponsored by Japan Formation Evaluation Society – A Chapter of SPWLA
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Society of Exploration Geophysicist of Japan
Geothermal Research Society of Japan
Society of Petroleum Engineers, Japan Section



<http://www.geocities.jp/ymmiya/index.htm>



Technical Program: Thursday, October 7

Opening Session

Opening Address: Welcome to the JFES Symposium: Makoto Miyairi (President of JFES, SKE)

**Keynote Address: SPWLA: Advancing Petrophysics Towards an Unconventional Future..
Facing the Challenges:** Matt Bratovich (President of SPWLA, Baker Hughes)

Special Session: CCS

Chairperson: Koji Kusaka (Schlumberger)

Invited Talk: Integrated Well-based Monitoring of Injected CO₂ at the Nagaoka Pilot Site:
Ziqiu Xue (Research Institute of Innovative Technology for the Earth: RITE)

- A CO₂ Sequestration into Hydrothermal System at Ogachi Hot Dry Rock Site, Japan and a New Monitoring System for “In Situ Analyses” of Calcite Precipitation:** Akira Ueda (Kyoto University), Akiko Ozawa, Kazutoshi Sugiyama, Tadashi Yamakawa, Hisao Satoh (Mitsubishi Materials Corp.)
- B Evaluation of the Sealing Efficiency for CCS (A Case Study for Osaka Bay):** Hiroshi Kameya, Junya Takeshima, Hiroyuki Azuma, Shinichi Hiramatsu (Oyo corporation)
- C Measurement of Threshold Capillary Pressures for Seal Rocks Using the Step-by-Step Approach and the Residual Pressure Approach:** Daisuke Ito, Kohei Akaku, Takashi Okabe, Takashi Takahashi, Takashi Tsuji (JAPEX)
- D Japan is Moving Forward to Large-Scale CCS Demonstrations:** Masanori Abe (JAPAN CCS Co., LTD.)

Fracture Delineation

Chairperson: Hideki Saito (OYO Corporation)

- E FDTD Simulation of Electromagnetic Wave Scattering from a Rough Surface Synthesized by Fractal Theory:** Khamis Mansour, Motoyuki Sato (Tohoku University)
- F Fracture Delineation in Volcanics – Case Studies in Junggar Basin, China:** Xian ChengGang, (Schlumberger), Sun Zhong Chun, Wang Guo Bing, Luo Xin Ping (PetroChina), Wu Jin Long, Yang Lei, He Yu Lou (Schlumberger)
- G Analysis of Fracture Flow within Reservoir Core Sample under Confining Pressure by Numerical Modeling Coupled with X-ray Computed Tomography:** Noriaki Watanabe, Takauya Ishibashi, Nobuo Hirano, Noriyoshi Tsuchiya (Tohoku University), Yutaka Ohsaki, Tetsuya Tamagawa (JAPEX), Yoshihiro Tsuchiya, Hiroshi Okabe (JOGMEC)
- H GPR Monitoring of Fracture Extension Induced by Hydraulic Fracturing:** Dong-Hun Kim, Motoyuki Sato (Tohoku University)

Reservoir Characterization

Chairperson: *Hiroshi Kozano (INPEX Corporation)*

- I Formation Evaluation for Characterization, Quantification, Identification of Porosity & Flow Units Based on Electrical Image Derived Permeability in Hetrogenous Carbonates – Case Study Senoro Field, Indonesia:** Deddy Hasanusi, Rahmat Wijaya (JOB Pertamina-Medco E&P Tomori Sulawesi.), Ananda Shankar Roy, Mahadevan S.Iyer (HALLIBURTON)
- J Optimization of Well Positioning, Planning and Production for Green Field Fluvial-Deltaic Environment, Bohai Bay:** Xian ChengGang (Schlumberger), Zhao ChunMing, Wang GuoDong, Tan Lv (CNOOC), Ben Flack, Wu BaiLin, Gayatri Kartoatmodjo (Schlumberger)
- L Wireline Electrical Borehole Quality Image in LWD New Technology:** Magdi Bazara, Mohamed Alboub (Schlumberger), Mohamed Mresah, Xavier Poirier Coutansaia (Mabruk Oil Operations)
- M Calculation of Modified Archie Equation Parameters and Permeability Prediction in an Iranian Offshore Oil Field:** Pejman Miar (Amirkabir University of Technology, Tehran), Sadjad Kazem Shiroodi (Iranian Offshore Oil Company), Masoud Lotfpour (Amirkabir University of Technology, Tehran), Mohammad Taghi Salehi (Petroleum University of Technology), Ahmad Reza Rabbani (Amirkabir University of Technology, Tehran)
- N Application of Hexadecyl Trimetyl Ammonium Bromide (C16TAB) as a Surfactant for Enhanced Oil Recovery in Iranian Carbonate Reservoir: A Case Study:** Vahid Kanani (National Iranian South Oil Company), Mohammad Reza Shishesaz, Mojtaba Pordel Shahri (Petroleum University of Technology, Ahwaz, Iran)

Technical Program: Friday, October 8

Unconventional Reservoirs

Chairperson: Masashi Fujiwara (Mitsui Oil Exploration)

Invited Talk : Mineral Spectroscopy Applications in Unconventional Reservoirs:
Matt Bratovich (Baker Hughes)

- O Applicability of MSCL Data from Core to Formation Evaluation in the Eastern Nankai Trough:** Takayuki Kanno (Schlumberger), Kunio Akihisa, Satoshi Noguchi (JOGMEC)
- P Well Log Interpretation of Methane Hydrate Bearing Unconsolidated Turbidites in the Eastern Nankai Trough:** Kunio Akihisa (JOGMEC), Takayuki Kanno (Schlumberger), Satoshi Noguchi, Tadaaki Shimada, Tatsuo Saeki (JOGMEC)

New Technology / Geophysical Application

Chairperson: Tatsuki Endo (Schlumberger)

- Q Identification of Reflected Phase by Coherence Analysis of 3D Hodogram and Application to Reflection Imaging.:** Keita Tamakawa, Hiroshi Asanuma, Hiroaki Niitsuma (Tohoku University), Nobukazu Soma (AIST)
- R RT Scanner Application for Identification of Gas Reservoir in Sandstone Reservoir of Deltaic Depositional Environment:** Benyamin (BPMIGAS)
- S Slim Sonic Tool in 2.25-in Quad-Combo with Multiple Conveyance Options:** Akihito Chikenji, Prachur Sah, David Scheibner, Hiroaki Yamamoto, Henri-Pierre Valero, Tatsuki Endo, Atsushi Shirota, Masahide Tohda, Mariko Ito, Qi Yang, Yoshino Sakata (Schlumberger)
- U Source Rock Evaluation of Goru and Sember Formations of Southern Indus Basin, Pakistan by Interpretation of Wireline Logs:** Muhammad Haroon Tayyab, Naseem Aadil, Abdul Muntaqim Naji (University of Engineering & Technology, Lahore, Pakistan)

Scientific Drilling

Chairperson: Tetsuya Yamamoto (JAPEX)

- V Evaluation of the Core Recovery Results from the NanTroSEIZE Coring Expeditions:** Yuichi Shinmoto, Kazuyasu Wada, Eigo Miyazaki, Tsuyoshi Miyazaki (JAMSTEC)
- W Sonic Scanner Logging at Site C0009 of IODP Expedition 319, NanTroSEIZE:** Hisao ITO (JAMSTEC), Yasuyuki Kano (Kyoto University), Hiroaki Yamamoto, Tadahiro Nagano (Schlumberger), Masataka Kinoshita (JAMSTEC), IODP 319 Scientific Party
- X Stress Orientation and Magnitude in the TCDP Borehole:** Hung-Yu Wu, Kuo-Fong Ma (National Central University, Taiwan), Hisao Ito (JAMSTEC)
- Y Long Offset Multi Level Walkaway and Circle VSP in Nankai Trough Offshore Kumanonada:** Yoshinori Sanada (JAMSTEC), Ryota Hino (Tohoku Univ), Masataka Kinoshita (JAMSTEC), Jin-Oh Park (University of Tokyo), Gregory Moore (Hawaii University), Nathan Bangs (Texas University), Roland von Huene (California University), NanTroSEIZE VSP team, IODP Expedition 319 Science Party

- Z** **Temperature Logging at Site C0009 of IODP Expedition 319, NanTroSEIZE: Yasuyuki Kano**
(Kyoto University), Masataka Kinoshita, Hisao Ito (JAMSTEC), Expedition 319 Scientists

Alternate

- AA** **A New Model for Investigating Skin Radius in Naturally Fractured Reservoir: Mojtaba Pordel Shahri** (Petroleum University of Technology, Ahwaz, Iran), **Mojtaba Mosleh Tehrani** (National Iranian South Oil Company), **Mehdi Amiri** (Petroleum University of Technology, Ahwaz, Iran), **Vahid Kanani** (National Iranian South Oil Company)
- BB** **Modified Scaling Equation of Spontaneous Imbibition by Introducing a New Wettability Index: Mojtaba Pordel Shahri, Mohammad Jamialahmadi, Seyed Reza Shadizadeh** (Petroleum University of Technology, Ahwaz, Iran)
- CC** **Wireline Formation Testing Replaces Drill Stem Test in Exploration & Appraisal Wells – A Comprehensive Case Study, Bohai Bay: Xian ChengGang** (Schlumberger), **Li JunGuo**, **Wu ShuQing**, **Zhou JianShen** (PetroChina), **Niu YuQiang**, **Feng LiXiang**, **Zhou JiaSheng** (Schlumberger)
- DD** **Applying Laboratory Validated EOS-Based Downhole Fluid Characterization to Delump Downhole Fluid Analysis Compositions for Reservoir Continuity Analysis: Khong Chee Kin** (Schlumberger), **Guo Shu Sheng**, **Cai Jun**, **Yang Hong Jun** (CNOOC Zhanjiang), **Julian Zuo**, **Oliver C. Mullins**, **Michael David O'Keefe**, **Andreas Hausot** (Schlumberger)

Symposium Sponsors



Symposium Committee 2010

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Corresponding Address:

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Tel: +81(42) 759 5724 Fax: +81(42) 759 5398
E-mail: JFES-registration@slb.com

Registration Information

REGISTRATION FEE

	Pre-Registration (by Sep. 18)	On Site Registration
Member or Speaker	5,000 yen	6,000 yen
Non-member	6,000 yen	7,000 yen
JOGMEC/Student	free	1,000 yen

Registration fee entitles:

- Delegate to all sessions
- Proceedings

CD-ROM FEE

2,000yen

CD-ROM, which includes a color version of proceedings, is available. Please check the pre-registration form.

HOW TO REGISTER

The enclosed Pre-Registration Form must be returned to :

Tomoko Bombash

Schlumberger K.K.

2-2-1 Fuchinobe, Chuo, Sagamihara, Kanagawa 252-0206, Japan

Tel: +81(42) 759 5724 Fax: +81(42) 759 5398

E-mail: JFES-registration@slb.com

The Deadline for the receipt of the **Pre-Registration** Form will be **September 18, 2010**. No prior proof of payment is necessary. If any change in your registration is necessary, it must be made in writing to the above address no later than September 18. No changes or cancellations can be made by telephone. Any registration after September 18 is requested to be made on site.

HOW TO PAY

All payments should be made on site by cash in Japanese Yen.

No check or credit card will be accepted.

Speaker Information

All speakers are asked to make pre-registration by **August 31, 2010**.

LCD projector is available. 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 corner at their earliest of convenience.

Each oral presentation is allocated 20 minutes including question and discussion. Presentation should be made in English.

General Information

DATE: Thursday, October 7, and Friday, October 8, 2010
VENUE: Technology & Research Center (TRC)
Japan Oil, Gas and Metals National Corporation (JOGMEC)
1-2-2, Hamada, Mihama-ku, Chiba 261-0025, Japan
Tel: +81 (43) 276-9212

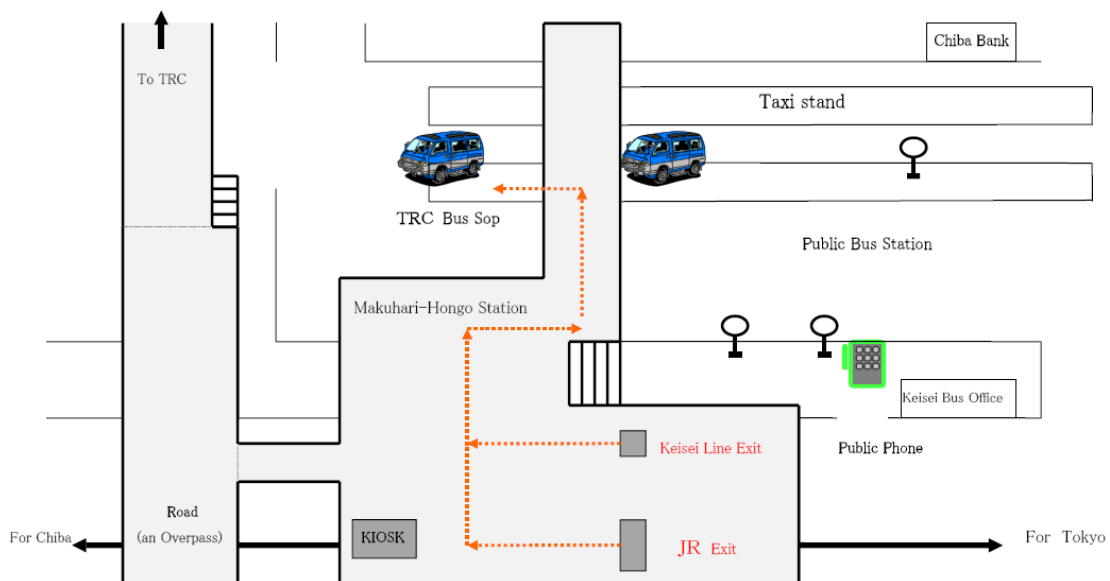
HOW TO GET TO THE JOGMEC-TRC:

JOGMEC-TRC Bus Service

From Makuhari-Hongo Station (JR Sobu Line; 40 min from Tokyo station)

- 10 min. by taxi or 30 min. on foot
- 10 min. by JOGMEC-TRC shuttle bus (see below map)
The bus leaves Makuhari Hongo Station at 8:20, 8:35, 8:50, 9:05 and 9:20.
Please note that these buses for JOGMEC employees, you can ride in a bus if seat is available

Where to board a TRC Shuttle Bus at Makuhari Hongo Station

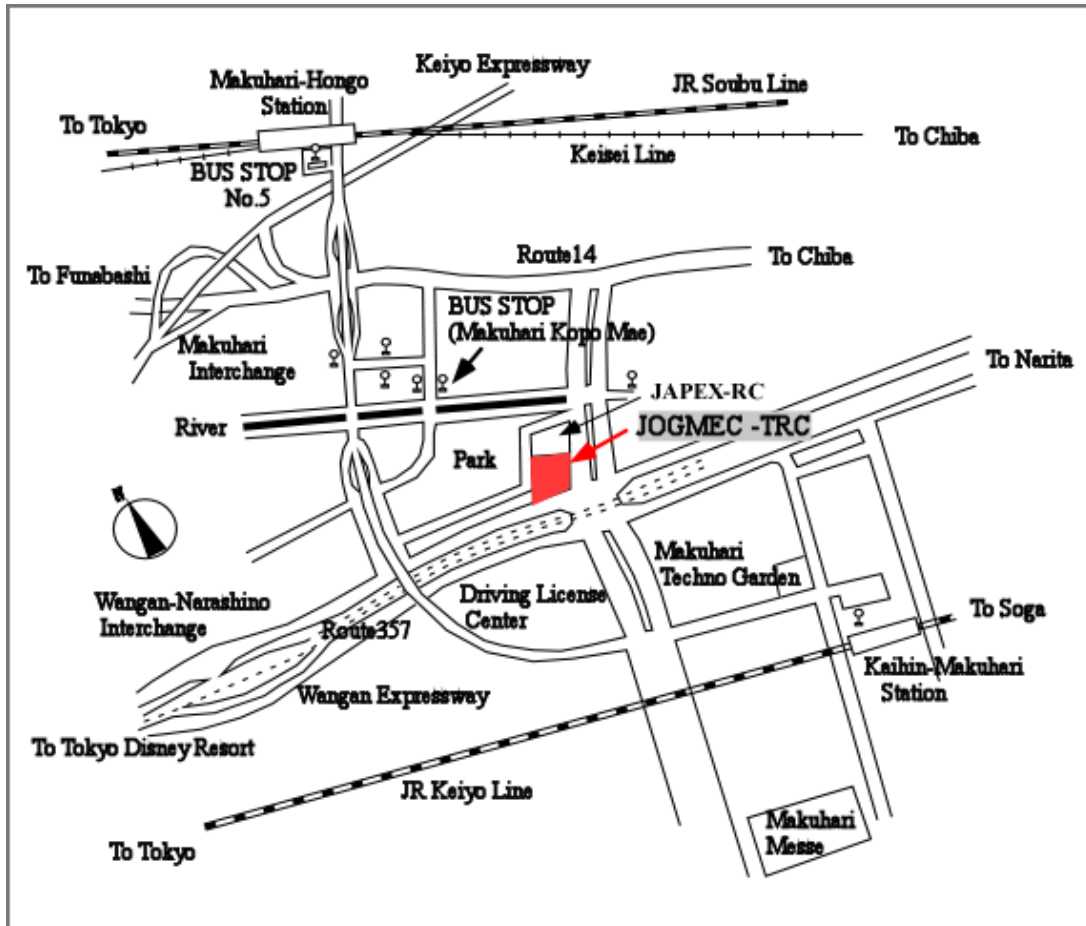


From Kaihin-Makuhari Station (JR Keiyo Line; 30 min. from Tokyo station)

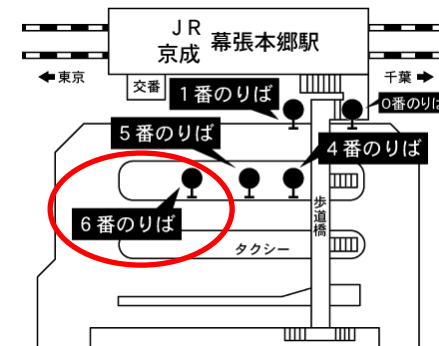
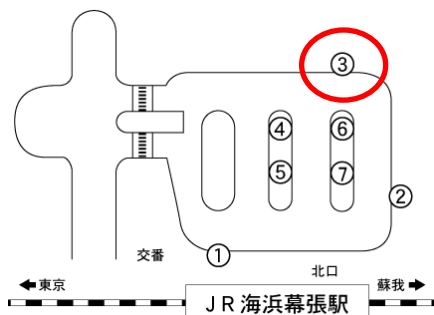
- 10 min. by taxi or 20 min. on foot

City Bus Service

City bus services are available from Makuhari-Hongo Station and Kaihinmakuhari station. Please refer to the bus schedule in the next page. The fare is 160yen. There are several bus lines between Makuhari-Hongo Station and Kaihinmakuhari station. Please take “Columbus City Line” and get off at “Sekiyukaihatu Gijyutu Center”.



Bus Schedule -Columbus City Line-



海浜幕張駅
Kaihinmakuhari-Station

石油開発技術センター
Sekiyukaihatsugijyutu-Center
(JOGMEC-TRC)

幕張本郷駅
Makuharihongo-Station

幕張本郷駅行き (#22) For Makuharihongo-Station	
平日	
6	35 50
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20	05 21 32 48
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*幕張西第三公園止	

幕張本郷駅行き For Makuharihongo-Station		海浜幕張駅行き For Kaihinmakuhari-Station	
平日		平日	
23	43 58	6	21 47
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*幕張西第三公園止		**浜田緑地止	

海浜幕張駅行き For Kaihinmakuhari-Station	
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21	10 30 50
22	05**
**浜田緑地止	

Accommodation and other travel arrangement

Should you require any assistance for visa, accommodation and other travel arrangement during the Symposium at JOGMEC-TRC Makuhari, please contact JFES Secretary at the following address by facsimile or E-mail:

Tomoko Bombash

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2-2-1 Fuchinobe, Chuo, Sagamihara, Kanagawa 252-0206, Japan

Tel: +81(42) 759 5724 Fax: +81(42) 759 5398

E-mail: JFES-registration@slb.com

In order to make proper arrangement, please send your request no later than August 20.

Land Transportation

For foreign visitors, limousine bus service is the most convenient from Narita Airport to the hotel. Please go to the orange colored "Friendly Airport Limousine Bus" booths, and get on the bus that goes to your hotel. "Keisei Bus" goes to Makuhari area. The cost of the bus will be around 2,000 – 3,000 yen depending on the destination.

Taxi to the hotel around Makuhari area is more than 10,000 yen. The taxi to the center of Tokyo will cost around 30,000 yen.

"Meet & Assist Service" is available on request. The request should be made at least 2 weeks in advance. It will cost about 12,000 yen or more additionally depending on the type of service of your request.

Accommodation

Some examples of the hotels in Makuhari and Tokyo area are listed below and available at your choice. The actual price will be available once the final itinerary is presented and confirmed.

Makuhari Area

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

JFES has a group booking at Hotel the Manhattan.

- Hotel the Manhattan US\$130 ~ US\$180
(<http://www.the-manhattan.co.jp/english/>)
- Hotel Springs Makuhari US\$100
(<http://springs.co.jp/stay/english/index.html>)
- APA Hotel & Resort Tokyo Bay Makuhari US\$100
(<http://www.tokyobay-makuhari.com/english/index.html>)

Tokyo area

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JOGMEC-TRC, Chiba, Japan, October 7 - 8, 2010

Pre-Registration Form

Name: _____

- SPWLA Member
 Non-Member
 Speaker
 JOGMEC / Student

Institute or Company: _____

Mailing address: _____

Tel: _____ Fax: _____

e-mail: _____

Fee

Registration:	Member or Speaker	<input type="checkbox"/> 5,000 yen
	Non-Member	<input type="checkbox"/> 6,000 yen
	JOGMEC/Student	<input type="checkbox"/> free
CD-ROM:		<input type="checkbox"/> 2,000 yen

Total _____ yen

Signature: _____

Please return this form complete by **September 18, 2010** to;

Tomoko Bombash

Schlumberger K.K.

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