

The 17th Formation Evaluation Symposium of Japan

- Special Session: Core Analysis -

PROGRAM

**JOGMEC-TRC, Chiba
September 29 - 30, 2011**

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



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



Technical Program Timetable

Thursday, September 29

9:30-17:00	<i>Registration</i>	Entrance Hall
9:30-17:00	<i>Slide Center</i>	Entrance Hall
10:00-10:30	Opening Session	Lecture Hall
10:40-12:00	Special Session Core Analysis1	Lecture Hall
12:00-13:30	<i>Lunch</i>	Cafeteria
13:30-15:10	Special Session Core Analysis 2	Lecture Hall
15:10-15:30	<i>Coffee Break</i>	Lobby
15:30-16:30	CCS	Lecture Hall
16:30-16:50	<i>Coffee Break</i>	Lobby
16:50-17:20	General meeting	Lecture Hall
17:30-19:30	<i>Icebreaker</i>	Cafeteria

Friday, September 30

9:00-15:00	<i>Slide Center</i>	Entrance Hall
9:40-10:40	Reservoir Characterization	Lecture Hall
10:40-11:00	<i>Coffee Break</i>	Lobby
11:00-12:00	Fracture Delineation	Lecture Hall
12:00-13:00	<i>Lunch</i>	Cafeteria
13:00-14:00	New Technology	Lecture Hall
14:00-14:20	<i>Coffee Break</i>	Lobby
14:20-15:40	Scientific Drilling	Lecture Hall
15:40-16:00	<i>Closing</i>	Lecture Hall

Technical Program: Thursday, September 29

Opening Session

Chairperson: Kazuhiko Tezuka (JAPEX)

- 10:00** **Opening Address:** Makoto Miyairi (President of JFES, JAPEX)
- 10:10** **Keynote Address from SPWLA:** The Critical Role of Petrophysics in EP Companies:
Randy Cooper (President of SPWLA, Marathon Oil)

Special Session: Core Analysis 1

Chairperson: Osamu Osawa (Schlumberger)

- 10:40** **Keynote Talk1: Coring and Core Analysis: Current State-of-the-Art and Future Developments:** Larry Hall (Halliburton)
- 11:20** **A Application of a Micro-Core Bit for Deep-Sea Drilling:** Yuichi Shinmoto, Kazuyasu Wada (JAMSTEC), Shinichi Kodama (NLC), Benoit Deschamps (Tercel Oilfield Products)
- 11:40** **B Relative Permeability Experiments by Displacement Method for Estimating CO2 Movement:** Hiroshi Kameya, Koichi Hosoda, Junya Takeshima, Hiroyuki Azuma, Shinichi Hiramatsu (Oyo corporation)
- 12:00-13:30** **Lunch**

Special Session: Core Analysis 2

Chairperson: Masashi Fujiwara (Mitsui Oil Exploration)

- 13:30** **Keynote Talk2: Shale Reservoir Core Analysis: Methods & Applications and New Technologies:** Gregory Salter (Core Laboratories)
- 14:10** **C Development of CFR-PEEK Core Holder for X-ray CT Based Numerical Analysis of Fluid Flow within Fractured Samples Under Confining Pressure:** Noriaki Watanabe, Takuya Ishibashi, Noriyoshi Tsuchiya (Tohoku University), Yutaka Ohsaki, Tetsuya Tamagawa (JAPEX), Yoshihiro Tsuchiya, Hiroshi Okabe (JOGMEC), Hisao Ito (JAMSTEC)
- 14:30** **D Strain Measurements in Rock Under Triaxial Compression by Means of X-ray CT:** Tazuru Nishiyama, Daisuke Fukahori, Sumihiko Murata, Tsuyoshi Ishida (Kyoto University), Yoshihiro Nakatsuka, Fumio Kono, Koji Yamamoto (JOGMEC)
- 14:50** **E Evaluation of Residual Wetting Phase Saturation Using Pore Structure Data of Reservoir Rock:** Amane Terai, Sumihiko Murata (Kyoto University), Kohei Akaku, Takashi Okabe (JAPEX), Tsuyoshi Ishida (Kyoto University)
- 15:10-15:30** **Coffee Break**

CCS

Chairperson: Hideki Saito (OYO)

- 15:30** **F Evaluating CO2 Saturation of Nagaoka CO2 Storage Project from Time Lapse Induction Logs Considering Geochemical Effect:** Mayu Otake (INPEX corporation)

- 15:50 G Preliminary Study of Surface Monitoring CO2 Dispersion from Shallow Aquifer CO2 Released:** Very Susanto, Kyuro Sasaki, Yuichi Sugai (Kyushu University), Kazutoshi Sugiyama (Mitsubishi Material Techno Co., LTD.)
- 16:10 H Coal Swelling Experiments and Permeability Reduction on Coal Seam by CO2 Injection:** Ferian Anggara, Kyuro Sasaki, Yuichi Sugai (Kyushu University)
- 16:30-16:50 Coffee Break**
- 16:50-17:20 General meeting**
- 17:30 Icebreaker**

Technical Program: Friday, September 30

Reservoir Characterization

Chairperson: Takeshi Hiraiwa (INPEX)

- 9:40 I Water Saturation from Generic Capillary Pressure Data:** Ko Ko Kyi, A.H.Asari Ramli (PETRONAS Carigali Sdn. Bhd.)
- 10:00 J Formation Damage Evaluation of the Khatatba Sandstone in the Western Desert, Egypt: Implications of Petrophysics in Reservoir Quality Evolution:** Mohamed Ragab Shalaby (University of Brunei Darussalam), Mohammed Hail Hakimi, Wan Hasiah Abdullah (University of Malaya)
- 10:20 K Optimizing Petrophysics Practices Through Intelligent Tools Integration:** Wael Ateeq Al-Harbi, Ghassan Zahdan, Marwan Labban, Salim Rihabe, Kamran Husain, Osama Al-Mushirfi (Saudi ARAMCO)

10:40-11:00 Coffee Break

Fracture Delineation

Chairperson: Tatsuki Endo (Schlumberger)

- 11:00 L Characterization of Productive Fractures Based on Borehole Resistivity Imaging and Geomechanical Analysis at Yufutsu Fractured Reservoir:** Yusuke Kumano, Tetsuya Tamagawa, Kazuhiko Tezuka (JAPEx)
- 11:20 M The Geological Interpretation and Correlation between Log and Seismic Data in the Akinomiya Geothermal Area:** Shigeki Mizutani (Electric Power Development Co., Ltd.)
- 11:40 N Evaluation and Prediction of Fluid Flow Through Fracture Under Confining Pressure in Various Scales:** Takuya Ishibashi, Noriaki Watanabe, Nobuo Hirano, Atsushi Okamoto, Noriyoshi Tsuchiya (Tohoku University)

12:00-13:00 Lunch

New Technology

Chairperson: Hisao Ito (JAMSTEC)

- 13:00 O Development of Viscosity Meter in High Pressure and High Temperature Condition:** Hiroshi Ando, Kyuro Sasaki (Kyushu University), Youhei Kawamura (University of Tsukuba), Hirokazu Okawa (Akita University), Yuichi Sugai (Kyushu University)
- 13:20 P Implementation of Software for Real-Time Quality Control and Interpretation of Logging While Drilling Sonic Logs:** Hrvoje Markovic, Takeshi Endo, Hiroaki Yamamoto (Schlumberger)
- 13:40 Q Principle and Application of InSitu Fluid Analyzer:** Hisatoshi Matsumoto, Go Fujisawa (Schlumberger)

14:00-14:20 Coffee Break

Scientific Drilling

Chairperson: Kazuhiro Takahashi (JAPEx)

- 14:20 R Engineering Challenges to the Construction of the Long-Term Borehole Monitoring System in the Kuroshio Current:** Yasuhiro Namba, Masanori Kyo, Tomokazu Saruhashi, Ikuo Sawada (JAMSTEC)
- 14:40 S Hydrothermal Regime of the Iheya-North Hydrothermal Field Inferred from Heat Flow Data and IODP Expedition 331 Drilling Result:** Yuka Masaki, Ken Takai (JAMSTEC), Michael Mottl (University of Hawaii), Masataka Kinoshita (JAMSTEC), IODP Expedition 331 Scientists
- 15:00 T Core Analysis: Towards the Integration with Borehole and Monitoring Data:** Hisao Ito, Yoshinori Sanada (JAMSTEC), Noriaki Watanabe (Tohoku University), Takeshi Tsuji (Kyoto University), Toshifumi Mukunoki, Fumihiko Yamada (Kumamoto University), Kuniyo Kawabata (JAMSTEC)
- 15:20 U Sonic Stoneley Analysis of NanTroSEIZE 319:** Hisao Ito, Yoshinori Sanada (JAMSTEC), Hiroaki Yamamoto, Tadahiro Nagano (Schlumberger)
- 15:40 Closing**

Symposium Sponsors



Schlumberger



HALLIBURTON



Core Laboratories



Symposium Committee 2011

Chairman	Makoto Miyairi, SK Engineering Co., Ltd.
Vice-Chairman	Fumio Okitsu, Consultant
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Finance	Kunihiro Tsuchida, JOGMEC
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Technical Arrangement	Osamu Osawa, Schlumberger K.K.
Convention Facilities	Kazuhiko Takahashi, JAPEX
International Coordination	Tatsuki Endo, Schlumberger K.K.
Award/Gift	Hideki Saito, OYO Corporation
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Review	Motoyuki Sato, Tohoku University
Review	Satoshi Ujyo, Geothermal Energy R & D Co., Ltd.
Review	Koji Kusaka, Schlumberger K.K.

Corresponding Address:

Kinuko Yanagi
Schlumberger K.K.
2-2-1 Fuchinobe, Chuo, Sagami-hara, Kanagawa 252-0206, Japan
Tel: +81 (42) 759- 5703, Fax:+81 (42) 759-4271
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
Student	free	1,000 yen

Registration fee entitles a delegate to:

- Proceedings
- Technical program

HOW TO REGISTER

The enclosed Pre-Registration Form must be returned to :

Kinuko Yanagi
Schlumberger K.K.
2-2-1 Fuchinobe, Chuo, Sagamihara, Kanagawa 252-0206, Japan
Tel: +81 (42) 759- 5703, Fax:+81 (42) 759-4271
e-mail: JFES-registration@slb.com

The Deadline for the receipt of the **Pre-Registration** Form will be **September 18, 2011**.

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, 2011**.

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, September 29, and Friday, September 30, 2011
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

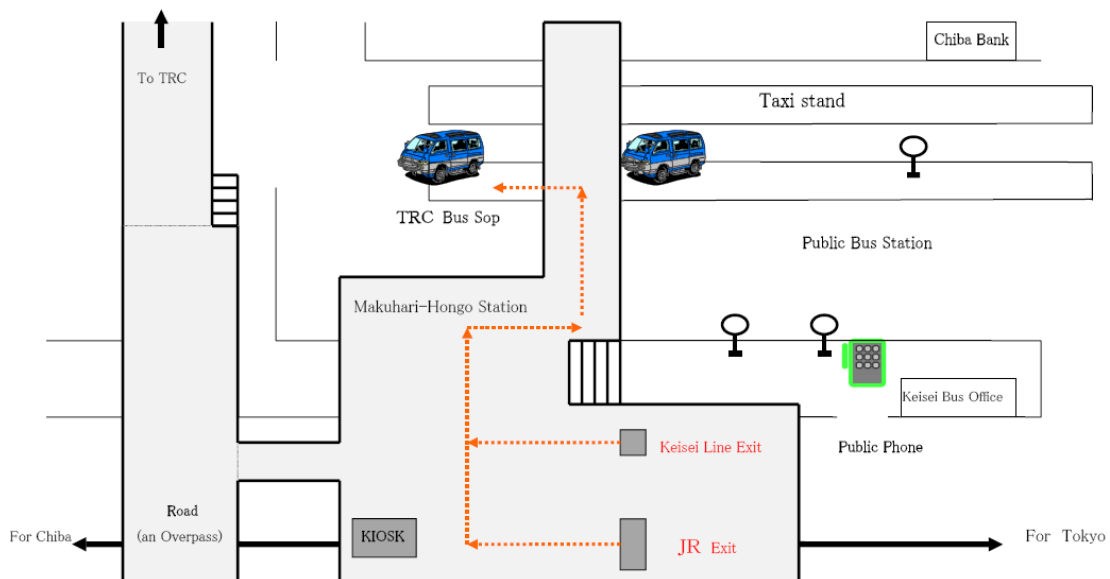
From Makuhari-Hongo Station (JR Sobu Line; 40 min from Tokyo station)

- 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

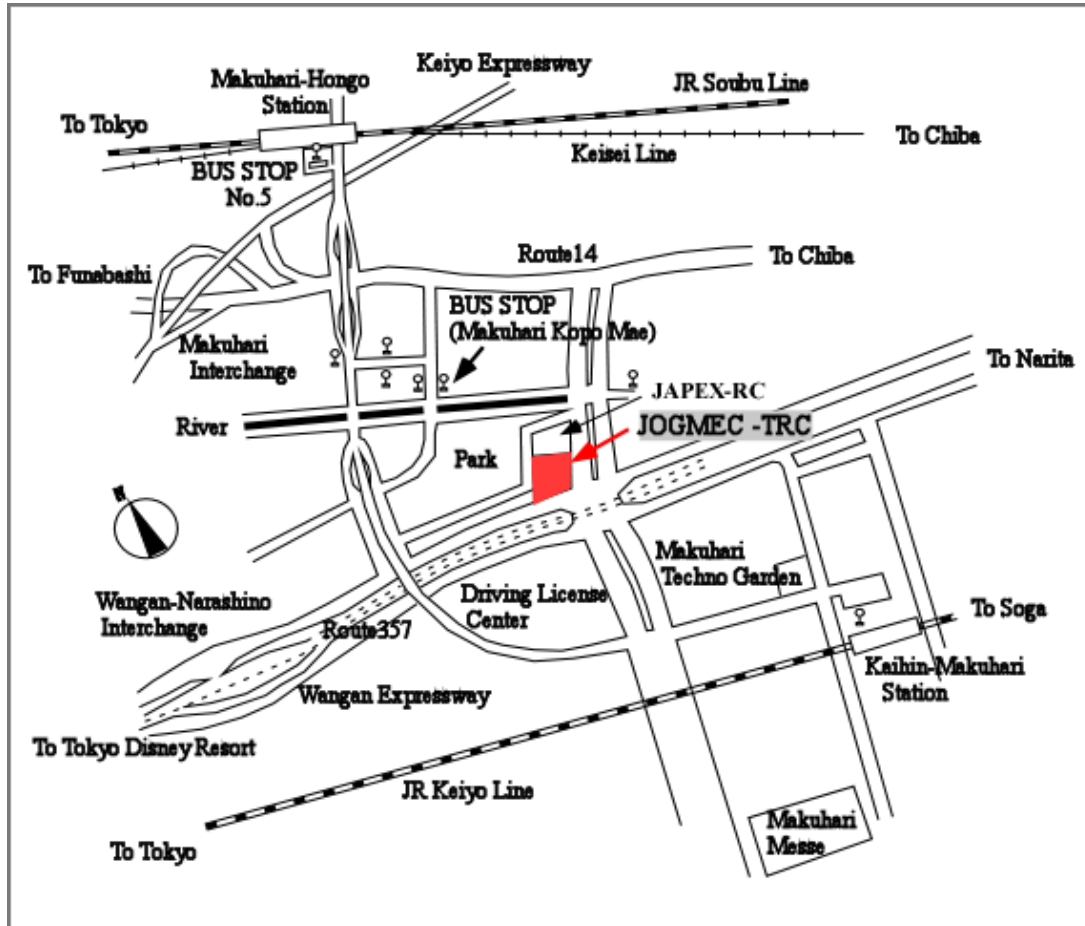


From Kaihin-Makuhari Station (JR Keiyo Line; 30 min. from Tokyo station)

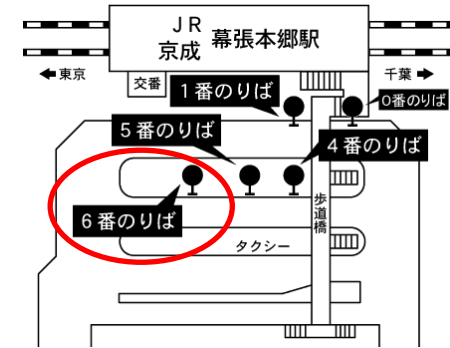
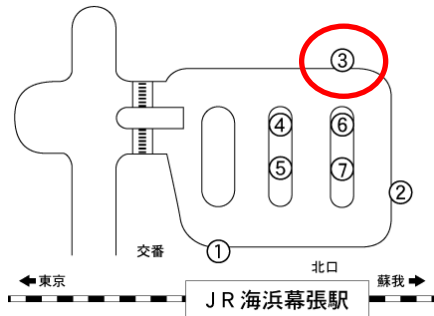
- 10 min. by taxi or 20 min. on foot

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
7	05 20 35 50
8	05 20 38 53
9	08 26 45
10	05 25 45
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16	05 25 45
17	05 25 46
18	02 12 32 47
19	02 17 34 47
20	05 21 32 48
21	07 20 40
22	00*
	*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
13	28 43 58	7	07 22 34 52
13	28 46	8	07 22 37 52
01	16 34 53	9	10 22 42
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13	33 53	11	02 22 42
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13	33 53	16	02 22 42
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15	28 48	21	02 17 37 57
08*		22	12**
	*幕張西第三公園止		**浜田緑地止

海浜幕張駅行き For Kaihinmakuhari-Station	
	平日
6	40
7	00 15 27 45
8	00 15 30 45
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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:

Kinuko Yanagi
Schlumberger K.K.
2-2-1 Fuchinobe, Chuo, Sagami-hara, Kanagawa 252-0206, Japan
Tel: +81 (42) 759- 5703, Fax:+81 (42) 759-4271
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

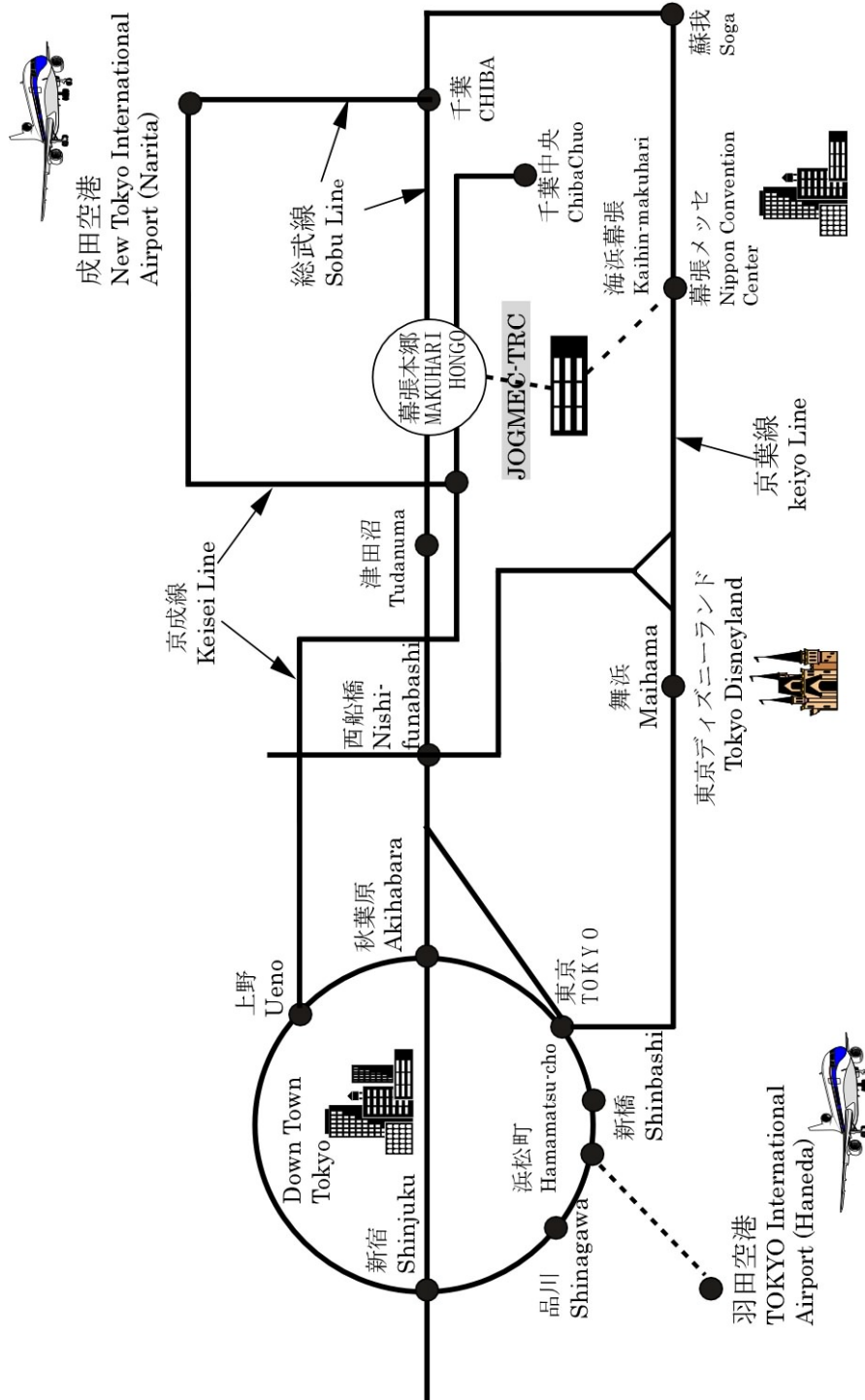
JFES has a group booking at Hotel the Manhattan.

- Hotel the Manhattan US\$180 ~ US\$200
(<http://www.the-manhattan.co.jp/english/>)
- Hotel Springs Makuhari US\$130
(<http://www.springs.co.jp/stay/english/index.html>)
- APA Hotel & Resort Tokyo Bay Makuhari US\$90 ~ US\$110
(<http://www.tokyobay-makuhari.com/english/index.html>)

Tokyo area

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

- Shinagawa Prince Hotel US\$ 115 ~ US\$160
 (<http://www.princehotelsjapan.com/shinagawaprincehotel/>)
- Mércure Hotel Ginza Tokyo US\$ 200 ~
 (http://www.mercure.com/mercure/fichehotel/gb/mer/5701/fiche_hotel.shtml)



The 17th Formation Evaluation Symposium of Japan

JOGMEC-TRC, Chiba, Japan, September 29 - 30, 2011

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	<input type="checkbox"/> 5,000 yen
	Non-Member	<input type="checkbox"/> 6,000 yen
	Student	<input type="checkbox"/> free

Total _____ yen

Please circle: 29th / 30th / Icebreaker

Signature: _____

Please return this form complete by **September 18, 2011** to;

Kinuko Yanagi

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

Tel: +81 (42) 759- 5703, Fax:+81 (42) 759-4271

e-mail: JFES-registration@slb.com