

The 18th Formation Evaluation Symposium of Japan

- Special Session: Monitoring -

PROGRAM

**JOGMEC-TRC, Chiba
September 27 - 28, 2012**



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 27

<i>Registration</i>	Entrance Hall
<i>Slide Center</i>	Entrance Hall
Opening Session	Lecture Hall
Special Session (Monitoring 1)	Lecture Hall
<i>Lunch</i>	Cafeteria
Special Session (Monitoring 2)	Lecture Hall
<i>Coffee Break</i>	Lobby
Reservoir Characterization	Lecture Hall
<i>Coffee Break</i>	Lobby
Reservoir Characterization	Lecture Hall
General Meeting	Lecture Hall
<i>Icebreaker</i>	Cafeteria

Friday, September 28

<i>Slide Center</i>	Entrance Hall
General Formation Evaluation	Lecture Hall
<i>Coffee Break</i>	Lobby
General Formation Evaluation	Lecture Hall
<i>Lunch</i>	Cafeteria
Logging While Drilling	Lecture Hall
<i>Coffee Break</i>	Lobby
Scientific Drilling	Lecture Hall
<i>Coffee Break</i>	Lobby
New Technology	Lecture Hall
<i>Closing</i>	Lecture Hall

* This program is subject to change due to the preparation of the symposium.

Technical Program: Thursday, September 27

Opening Session

Chairperson: Tatsuki Endo (Schlumberger)

- 9:50** **Opening Address:** Kazuhiko Tezuka (President of JFES, JAPEX)
- 10:00** **Keynote Address from SPWLA:** Elton Frost, Jr. (President-Elect of SPWLA, Baker Hughes)

Special Session: Monitoring 1

Chairperson: Osamu Osawa (Schlumberger)

- 10:40** **Keynote Talk : Microseismic Imaging of Hydraulic Fractures: Snap, Crackle and Pops of Shale Reservoirs:** Shawn Maxwell (Schlumberger)
- 11:20** **A How Small Microseismic Event Could be Monitored and Evaluated by Unideal Network?:** Yusuke Kumano, Koji Kashihara, Kazuhiko Tezuka (JAPEX)
- 11:40** **B Monitoring Systems of Seafloor Subsidence for Methane Hydrate Production Test:** Tatsuya Yokoyama, Mio Shimoyama, Shinji Matsuda, Koichi Tago, Junya Takeshima (OYO Corporation), Yoshihiro Nakatuka (JOGMEC)
- 12:00-13:15** **Lunch**

Special Session: Monitoring 2

Chairperson: Tatsuya Sato (GERD)

- 13:15** **C Long-Term Downhole Monitoring System Development and Deployment for The World's First Methane Hydrate Production Test:** Takayuki Kanno, Soon Seong Chee , Mika Takekoshi (Schlumberger), Koji Yamamoto (JOGMEC)
- 13:35** **D A Sesimostatistical Approach for Microseismic Monitoring of Geothermal Reservoirs:** Tai Eto, Hiroshi Asanuma (Tohoku University), Masaho Adachi (Okuaizu Geothermal Co., Ltd), Kazuhiro Saeki (Mitsui Mining Co., Ltd), Kengo Aoyama, Hitoshi Ozeki (Okuaizu Geothermal Co., Ltd), Marcus Haring (Geo Explorers Ltd)
- 13:55** **E Long Term Microseismic Monitoring at Yanaizu-Nishiyama Geothermal Field, Japan:** Soichiro Mitsumori, Hiroshi Asanuma (Tohoku University), Masaho Adachi (Okuaizu Geothermal Co., Ltd), Kazuhiro Saeki (Mitsui Mining Co., Ltd), Kengo Aoyama, Hitoshi Ozeki (Okuaizu Geothermal Co., Ltd)
- 14:15-14:35** **Coffee Break**

Reservoir Characterization 1

Chairperson: Masanori Kurihara (Waseda)

- 14:35** **F Examples of Advanced Technologies/Methods Applied in Challenging Wireline Formation Tester Environment to Better Characterize Reservoir Fluid Distribution:** Kong Chee Kin (Schlumberger), Elmer Cardoso, Celia Maria C. Santos (Sonangol P&P), John Crowe (CABGOC), Ian Stockden , Edwin G Vervest (bp Angola), James Dorman (Angola LNG), Benoît Guivarch, Gabriel Nsingui (Total EP Angola), Nicola Daniele, Italo Pentoli (eni Angola),

- 14:55** **G** **Experimental and Numerical Investigation of Two-Phase Flow in a Fracture Under Confining Pressure:** Noriaki Watanabe, Keisuke Sakurai, Takuya Ishibashi, Noriyoshi Tsuchiya (Tohoku University)
- 15:15** **H** **Characteristics of Micro-bubble Foamy Oil Generation and Distribution:** OR Chanmoly, Kyuro Sasaki, Yuichi Sugai (Kyushu University), Masanori Nakano, Motonao Imai (JAPEx)
- 15:35-15:55** **Coffee Break**

Reservoir Characterization 2

Chairperson: Nobuhiro Fujiki (Mitsubishi)

- 15:55** **I** **Carbonate Reservoir Characterization and ITS Use on Reservoir Modeling: A Case Study of Senoro Field:** Deddy Hasanusi, Rahmat Wijaya, Kwartono (JOB Pertamina-Medco E&P Tomori Sulawesi)
- 16:15** **J** **Numerical Study on Behavior of Oil Residue in Single Fracture using Lattice Boltzmann Method:** Tadayoshi Tarui, Sumihiko Murata (Kyoto University), Satoru Takahashi (JOGMEC)
- 16:35** **K** **Impact of 3D Channeling Flow on Well Productivity in the Yufutsu Oil/Gas Field:** Takuya Ishibashi, Noriaki Watanabe, Nobuo Hirano, Atsushi Okamoto, Noriyoshi Tsuchiya (Tohoku University), Tetsuya Tamagawa (JAPEx)
- 16:55-17:15** **General Meeting**
- 17:30-19:00** **Icebreaker**

Technical Program: Friday, September 28

General Formation Evaluation 1

Chairperson: Hideo Komatsu (INPEX)

- 9:40** **L** **Rock Fabric Approach and Wireline Log for Estimation Petrophysical Properties:** Benyamin (BPMIGAS / Trisakti University)
- 10:00** **M** **Calibration of Water Saturation Models Derived from Traditional Wireline Data in Tight Shaly Sandstones, Part 1: Modeling:** Morteza Amiri, Mat Hussin Bin Yunan, Seyed Hossein Fatemi Tafti (University Technology Malaysia)
- 10:20** **N** **Formation Evaluation and Quality of Sandstone Reservoirs, Western Desert, Egypt: Implications of Petrophysics in Reservoir Quality Evolution:** Mohamed Ragab Abdelhady Shalaby, Mohammed Hil Hakimi, Wan Hasiah Abdullah (University of Brunei Darussalam)
- 10:40-11:00** **Coffee Break**

General Formation Evaluation 2

Chairperson: Masashi Fujiwara (Moeco)

- 11:00** **O** **Swelling Experiments of Kushiro Coals in supercritical CO₂:** Ferian Anggara, Kyuro Sasaki, Yuichi Sugai (Kyushu University)

11:20 P A Novel Technique for Carbonates to Enhance Static and Dynamic Models: Ahmad Fakrudin Zakeria, Michael Mehmet Altunbay, Raymond Elug Poit, James Kijam Dato (PETRONAS Carigali Sdn. Bhd.)

11:40 Q Sonic Processing in Cased Hole in Fast Formation: Mitsuko Kitazawa, Henri-Pierre Valero, Shinichi Sunaga (Schlumberger)

12:00-13:15 Lunch

Logging While Drilling

Chairperson: Hisao Ito (JAMSTEC)

13:15 R Seismic While Drilling- Time To Know Your Depth: Aqil Ahmed (Schlumberger)

13:35 S Robust Estimation of shear Slowness from Quadrupole Mode in LWD Environment: Zhenxin Zhang, Manabu Mochida, Miyako Kubota, Hiroaki Yamamoto, David Scheibner, Takeshi Endo (Schlumberger)

13:55 T Preliminary Result of Logging While Drilling During Exp. 343, Japan Trench FAST Drilling Project: Yukari Kido, Yoshinori Sanada, Saneatsu Saito, Moe Kyaw, Weirin Lin, Yasuyuki Nakamura, Nobuhisa Eguchi, Sean Toczko, Lena Maeda, Ikuo Sawada, Tomokazu Saruhashi (JAMSTEC), Louise Anderson (Univ Leicester), Marianne Conin (CEREGE), Casey Moore (Univ California), Becky Cook (Univ Southampton), Tamara Jeppson (Univ Wisconsin), Monica Wolfson (Univ New Hampshire), James J. Mori (Kyoto Univ), Frederick Chester (Texas A&M Univ), Exp.343 Shipboard Science party

14:15-14:30 Coffee Break

Scientific Drilling

Chairperson: Koji Kusaka (Schlumberger)

14:30 U A Study of the Core Recovery and Quality for IODP Expedition 333: Yuichi Shinmoto (JAMSTEC)

14:50 V 10+ Years Continuous Downhole Pore Pressure Record from the Decollement Zone at Nankai Trough of Muroto: Masataka Kinoshita (JAMSTEC), Keir Becker (University of Miami), Earl E. Davis (Geological Survey of Canada)

15:10 W Pore Pressure in the Nankai Trough off the Kii Peninsula, Japan: Insight into Evolution of Mega-splay Fault: Takeshi Tsuji (Kyushu University), Rie Kamei, R. Gerhard Pratt (University of Western Ontario)

15:30-15:45 Coffee Break

New Technology

Chairperson: Kazuhiro Takahashi (JAPEx)

15:45 X New Truck Vibrator for VSP Surveys - Extending the Frequency Bandwidth: John Tulett, Philip Armstrong, Darvin Lane (Schlumberger)

16:05 Y Development of High Temperature (350°C) and Long Recording Time Logger for Hot Biosphere Envelopment.: Kazumasa Kato, Ken Takai, Junichi Miyazaki (JAMSTEC), Yuzo Arai, Kazuhiro Kajikawa, Toshiya Yamamoto (Geophysical Surveying Co., LTD)

16:25-16:45 Closing

Symposium Sponsors

Gold



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Symposium Committee 2012

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Review	Hisao Ito, JAMSTEC
Review	Motoyuki Sato, Tohoku University
Review	Tatsuya Sato, Geothermal Energy R & D Co., Ltd.
Review	Masanori Kurihara, Waseda University

Corresponding Address:

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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

KYanagi@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
KYanagi@slb.com

The Deadline for the receipt of the **Pre-Registration** Form will be **September 18, 2012**. 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 **September 12, 2012**.

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 27, and Friday, September 28, 2012
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

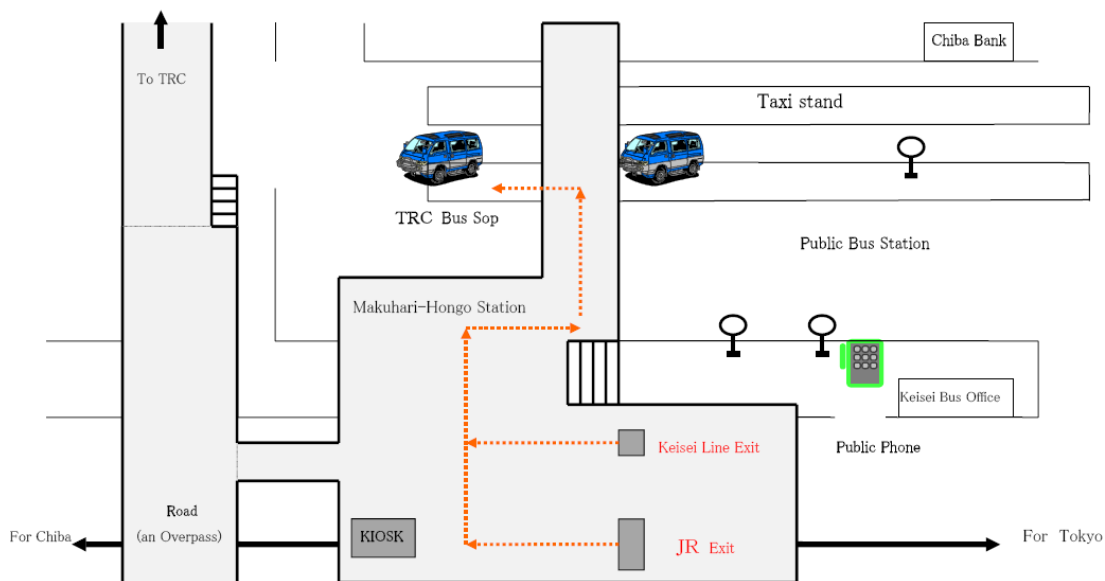
HOW TO GET TO THE JOGMEC-TRC:

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

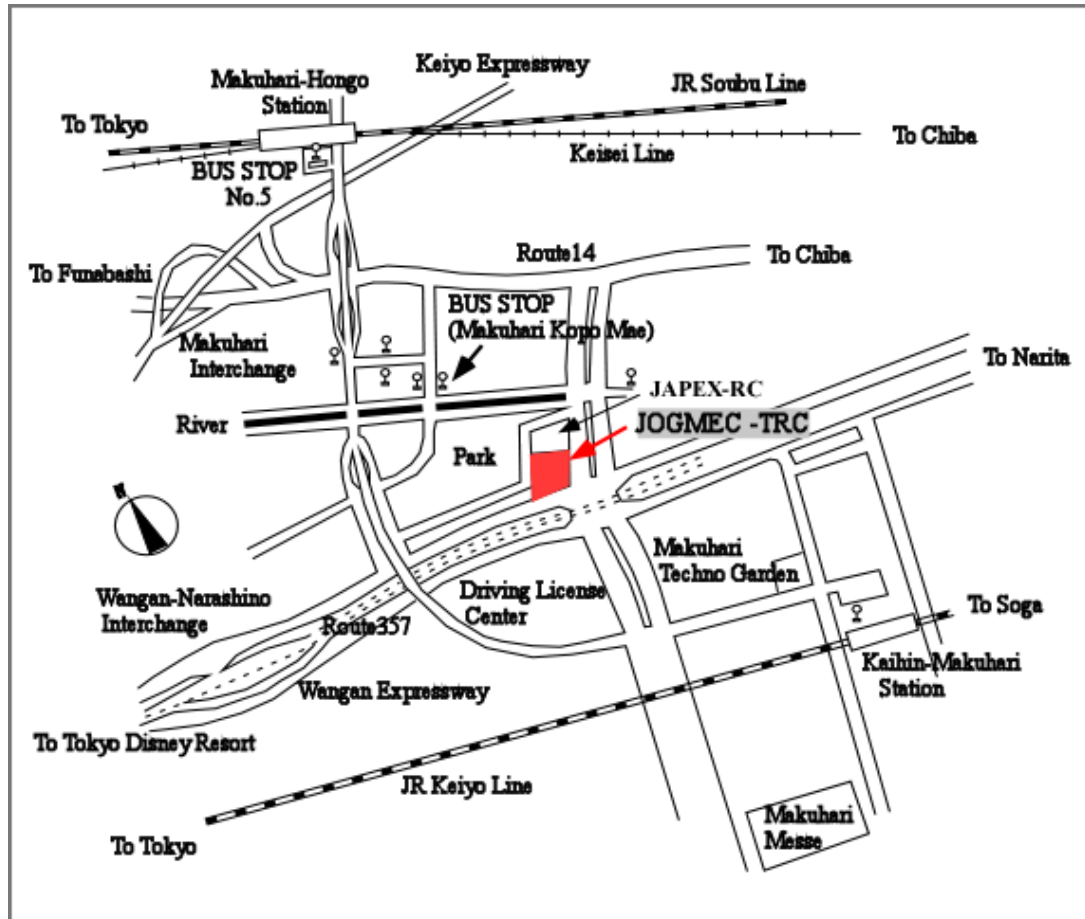


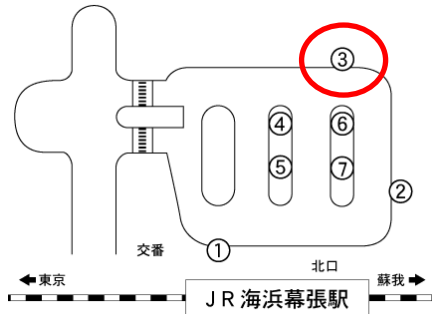
From Kaihin-Makuhari Station (JR Keiyo Line; 30 min. from Tokyo station)

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

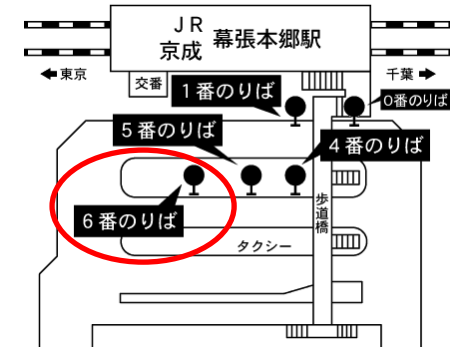
City Bus Service

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
11	05 25 45
12	05 25 45
13	05 25 45
14	05 25 45
15	05 25 45
16	05 25 45
17	05 25 45
18	02 12 32 47
19	02 17 34 47
20	03 20 35 48
21	05 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
06 23 43 58		6	21 47
09 13 28 34 43 58		7	07 22 34 52
13 28 46		8	07 22 37 52
01 16 34 53		9	09 22 42
13 33 53		10	02 22 42
13 33 53		11	02 22 42
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10 25 42 55		19	02 17 32 47
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13 28 48		21	04 17 37 57
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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	
	平日
6	40
7	00 15 27 45
8	00 15 30 45
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17	15 35 50
18	10 25 40 55
19	10 25 40 57
20	10 28 44 57
21	10 30 50
22	05** 18 30
	**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, Sagamihara, Kanagawa 252-0206, Japan

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

e-mail: JFES-registration@slb.com

KYanagi@slb.com

In order to make proper arrangement, please send your request no later than August 31.

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 you 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

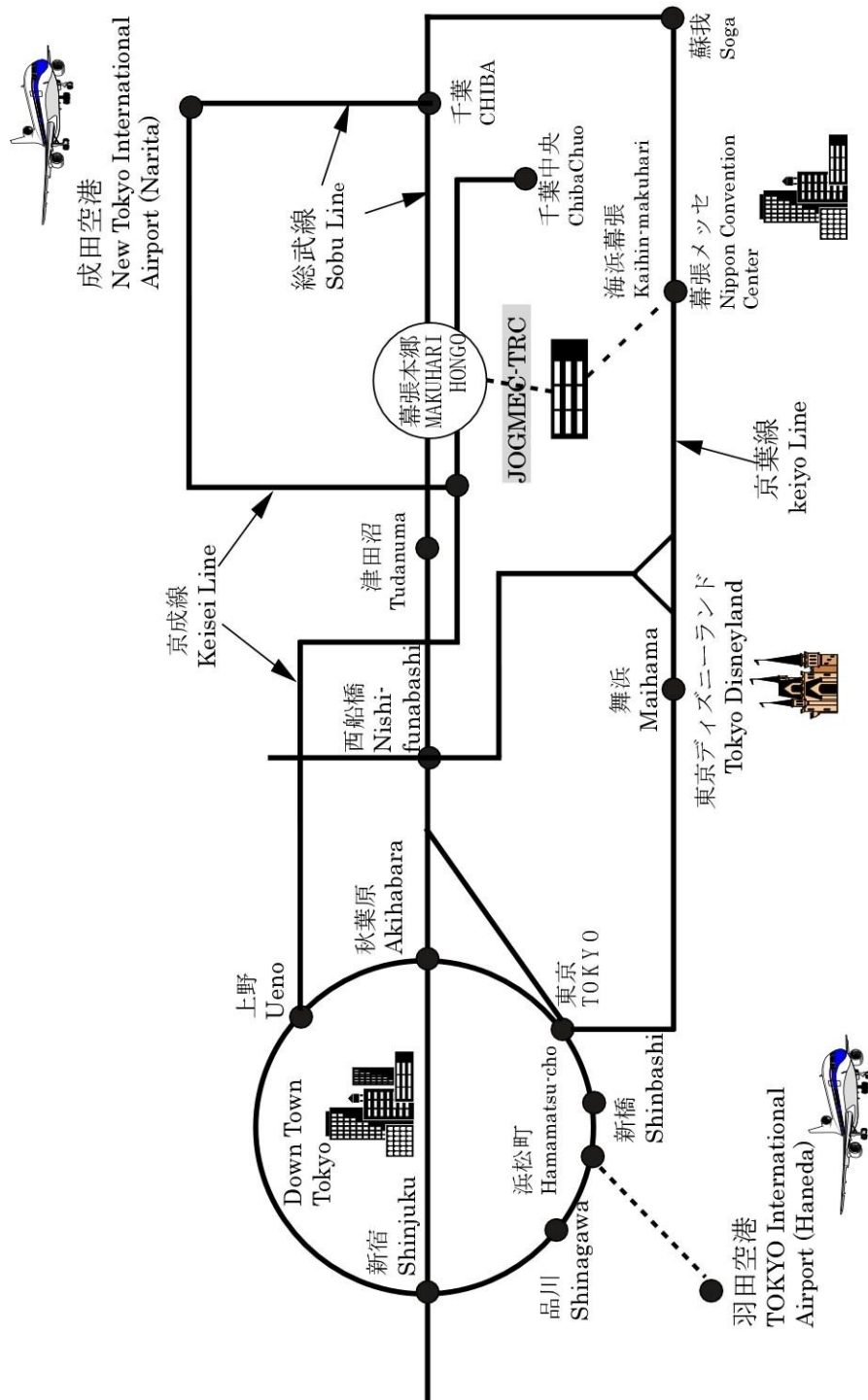
JFES has a group booking at Hotel the Manhattan.

- Hotel the Manhattan **US\$190 ~**
(<http://www.the-manhattan.co.jp/english/>)
- Hotel Springs Makuhari **US\$110 ~**
(<http://www.springs.co.jp/stay/english/index.html>)
- APA Hotel & Resort Tokyo Bay Makuhari **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\$ 150 ~
[\(http://www.princehotelsjapan.com/shinagawaprincehotel/\)](http://www.princehotelsjapan.com/shinagawaprincehotel/)
- Mércure Hotel Ginza Tokyo
US\$ 170 ~
http://www.mercure.com/mercure/fichehotel/gb/mer/5701/fiche_hotel.shtml



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JOGMEC-TRC, Chiba, Japan, September 27 - 28, 2012

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

Please circle: 27th / 28th / Icebreaker

Signature: _____

Please return this form complete by **September 18, 2012** to;

Kinuko Yanagi

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

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