

The 19th Formation Evaluation Symposium of Japan

**Special Session:
High Temperature Environment**

PROGRAM **- Tentative -**

JOGMEC-TRC, Chiba
September 26 - 27, 2013

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



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

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

Program

Thursday, September 26

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

Friday, September 27

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

Technical Session: Thursday, September 26

Opening Address: Kazuhiko Tezuka (President of JFES, JAPEX)

Keynote Address from SPWLA: David Kennedy (President-elect of SPWLA)

Special Session: High Temperature Environment 1

Invited Talk1: Haruya Nakata (Geothermal Energy Research & Development Co., Ltd.)

Invited Talk2: Hiroshi Asanuma (The National Institute of Advanced Industrial Science and Technology)

Development of High Temperature PTS + Fluid Sampler Tool for a Highly Deviated Well: Satoshi Ujyo, Masashi Kato, Takashi Okabe (GERD)

Special Session: Temperature Environment 2

Scientific Drilling Projects Under High-Temperature Hole Condition: Takamitsu Sugihara, Masataka Knoshita, Masanori Kyo, Yasuhiro Namba, Eichiro Araki, Toshinori Kimura, Yukari Kido, Yoshinori Sanada, Kan Aoike, Moe Kyaw Thu (JAMSTEC)

High Pressure/Temperature Borehole Seismic Downhole Acquisition Tool: Ryo Imai, Tatsuki Endo, John Tulett, Toru Ikegami, Shinji Yoneshima, Jose Rubrico, Toshimitsu Take, Takashi Yoshikawa, Makito Katayama (Schlumberger)

High Temperature Performance Tests of Gyro Orientating Tool for Borehole Applications: Hisao Ito, Kazumasa Kato (JAMSTEC), Yoshiaki Shiozawa, Ryouichi Takayama, Kiyokazu Imamura (Tamagawa Seiki Co.,Ltd)

Nanocomposites for HPHT Sealing System for Harsh Downhole Environments: Masaei Ito, Sotaro Yukutake (Schlumberger), Hiroyuki Ueki (Shinshu University), Osamu Osawa (Schlumberger), Kenji Takeuchi, Toru Noguchi, Morinobu Endo (Shinshu University)

Reservoir Characterization 1

Geostatistical Simulation for Open Pit Mine Design, Optimization and Economic Analysis in Decision-Making: Abu Bakarr Jalloh, Kyuro Sasaki, (Kyushu University), Yaguba Jalloh (London Mining Company Limited)

Numerical Simulation on CO₂ and CH₄ Solubility in Aquifer and Oil Reservoir: Sith Sona, K. Sasaki, Y. Sagai, R. Fujiwara, M. Miyagawa (Kyushu University)

EOR Development Screening of a Heterogeneous Heavy-Oil Field with Steam Injection: Ibrahim Suleiman AL-Hadabi, Kyuro Sasaki, Yuichi Sugai (Kyushu University)

Reservoir Characterization 2

Oil-Water Relative Permeability Curves for Fractures in Granite and limestone at Different Intrinsic Permeabilities: Keisuke Sakurai, Noriaki Watanabe, Takuya Ishibashi, Noriyoshi Tsuchiya (Tohoku University), Yutaka Ohsaki, Tetsuya Tamagawa, Masahiko Yagi (JAPEX)

Poroelastic Parameters of Sandstone Under Various Combinations of Pore Pressure and Confining Pressure: Yuto Usui, Noriaki Watanabe, Akihisa Kizaki, Kiyotoshi Sakaguchi (Tohoku University)

Technical Session: Friday, September 27

New Technology

Logging While Drilling Tool Design for High Quality Sonic Measurements.: Jean-Christophe AUCHERE, Yu Hatori, Atsushi Oshima, Hiroaki Yamamoto, Hiroshi Hori, Takeo Fujihara, Hiroshi Nakajima, Henri-Pierre Valero (Schlumberger)

ACTIVE PS: Production Logging with Optical Fiber: Jordi Segura, Khalid Ouaaba, Azwan Hadi Keong (Schlumberger)

Introducing a Downhole Laboratory for Rock Floods: Jonathan Hall, Fathy El Wazir (Abu Dhabi Company for Onshore Operations), Raghu Ramamoorthy, Koksal Cig, Suvodip Dasgupta (Schlumberger)

Scientific Drilling

Downhole Formation Fluid Sampling in Deep Coalbed Biosphere Off-Shore Shimokita, Japan: Yoshinori Sanada (JAMSTEC), Yasuhiro Yamada (Kyoto University), Fumio Inagaki, Kai-Uwe Hinrichs, Yusuke Kubo, Moe Kyaw Thu (JAMSTEC)

Temperature Observatory Installed in The Borehole of The Japan Trench Fast Drilling Project (JFAST): Yasuyuki Kano (Kyoto University), Patrick Fulton, Emily Brodsky (UC Santa Cruz), James Mori (Kyoto University), Frederick Chester (Texas A&M University), Nori Kyo, Yasuhiro Namba, Nobu Eguchi, Sean Toczko, Takafumi Kasaya (Marine-Earth Science and Technology), Yoshihiro Ito (Tohoku University), Expedition 343 Scientists

Mechanical Specific Energy Response as Possible Approaching to Drilling Stability and Formation Evaluation Index – A Case Study of Exp.338_C0012H in NanTroSEIZE -: Yukari Kido, Yuichi Shinmoto, Yoshinori Sanada, Moe Kyaw Thu (JAMSTEC)

General Formation Evaluation

Estimation of Erosion Thickness of The Middle Miocene Unconformity (MMU) Using Sonic Log in The Pattani Trough, Gulf of Thailand: Masashi Fujiwara, Nobuaki Sato (MOECO)

Revolution of Horizontal Well Formation Evaluation to Promote The Deep & Complex Reservoir Development --Case Studies from Tarim Basin, China: Xiang Bin Nie (Schlumberger)

The Threshold Capillary Pressure Affected by The Different Properties of Injection Gases: Kei Kawaura, Kohei Akaku, Masanori Nakano (JAPEX)

Reservoir Characterization 3

Step Change to Identify Fractures While Drilling: Magdi Bazara, (Schlumberger)

Formation Micro Images and Seismic Inversion Are Powerful Tools for Reservoir Characterization in The Senoro Field: Deddy Hasanusi, Rahmat Wijaya, Neni Herawati (JOB Pertamina-Medco E&P Tomori Sulawesi)

Reservoir Characterization – New Challenge and Elucidation: Krishnan Raghavan, (Nexen Petroleum UK Ltd)

Time-Lapse P-Wave Velocity Variation Indicating The Transition from Patchy to Uniform Saturation While CO2 Monitoring: Wataru Sekiguchi, Mayu Otake (INPEX)

LWD

On Combined Use of Deep Azimuthal Electromagnetic Measurements and Formation Testing While Drilling for Estimation of The Productivity Potential of Horizontal Wells during Reservoir:
Younes Jalali (Schlumberger)

Logging While Drilling for Shallow Hazard Detection; The Challenges of Large Hole Acoustic Logging: Matthew Blyth, Hiroaki Yamamoto, Charles Peter Deri, Vivian Pistre (Schlumberger)

Poster

LWD Images New Technology Steering a Well: Magdi Bazara, (Schlumberger)

Determination of Lithology from Well Logs Using Artificial Neural Networks: A Case Study of Iranian Gas Field: Bahram Khosravi, S.Milad Razavi , Alireza Salamati , Masoud Kameli (Department of Petrophysics, Pars Oil and Gas Company)

Improving Performance of a Neural Network Model by Artificial Ant Colony Optimization for Predicting Permeability of Petroleum Reservoir Rocks: Amir Hatampour, Morteza Amiri, Alamdar Faramarzi (Department of Petrophysics, Pars Oil and Gas Company)

Uncertainty Reduction of Water Saturation from Log-Derived Saturation Models in Tight Shaly Sandstones- A case Study from Mesaverde Tight Gas Reservoir: Morteza Amiri, Amir Hatampour, Alamdar Faramarzi (Department of Petrophysics, Pars Oil and Gas Company)

Comparison of Water Saturation Values Determined from LSMPOS Numerical Simulation and Old Logs in Tight Shaly Sandstones- A Case Study from Mesaverde Tight Gas Reservoir: Morteza Amiri, Alireza Salamati, Amir Hatampour, Alamdar Faramarzi (Department of Petrophysics, Pars Oil and Gas Company)

Dispersion Characteristics of Leaky Compressional Mode in Slow Formations with LWD Sonic: Wataru Izuhara, Toshihiro Kinoshita, Hiroaki Yamamoto (Schlumberger)

Sponsor

CTC (ITOCHU Techno-Solutions Corporation)
Geothermal Energy Research & Development Co., Ltd.
Geophysical Surveying Co., Ltd.
JAPAN PETROLEUM EXPLORATION CO., LTD.
INPEX Corporation
JGI, Inc.
Mitsui Oil Exploration CO., LTD.
Mitsubishi Corporation Exploration Co., Ltd.
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Corresponding Address:

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2-2-1 Fuchinobe, Chuo, Sagami-hara, Kanagawa 252-0206, Japan
Tel: +81 (42) 759- 5703, Fax:+81 (42) 759-4271
e-mail: KYanagi@slb.com

Registration Information

REGISTRATION FEE

	Pre-Registration (by Sep. 17)	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: KYanagi@slb.com

The Deadline for the receipt of the **Pre-Registration** Form will be **September 17, 2013**. 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, 2013**.

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 26, and Friday, September 27, 2013
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

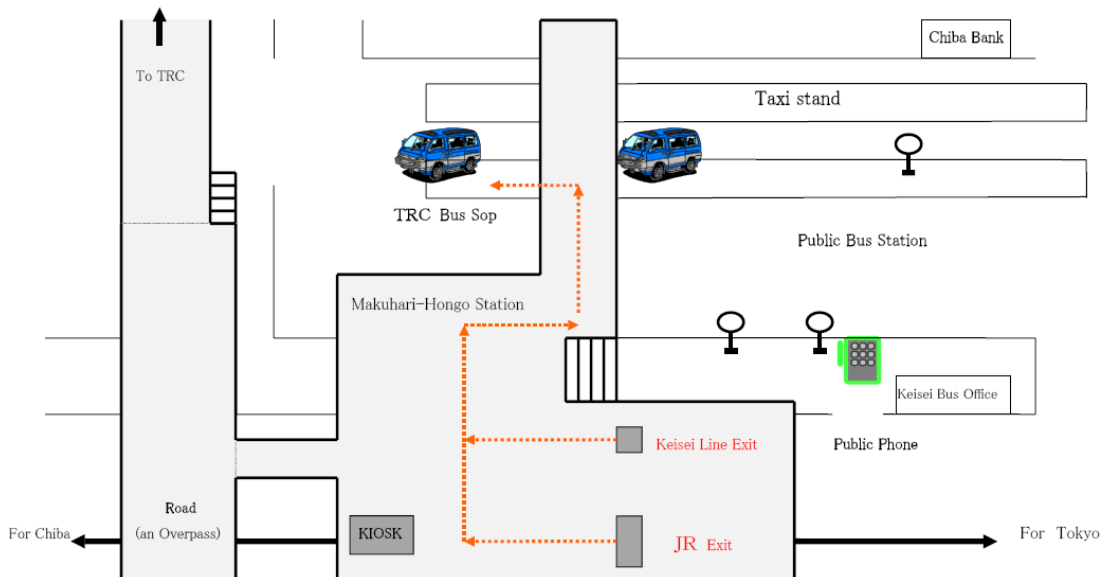
From Makuhari-Hongo Station (JR Sobu Line; 40 min from Tokyo station)

- 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

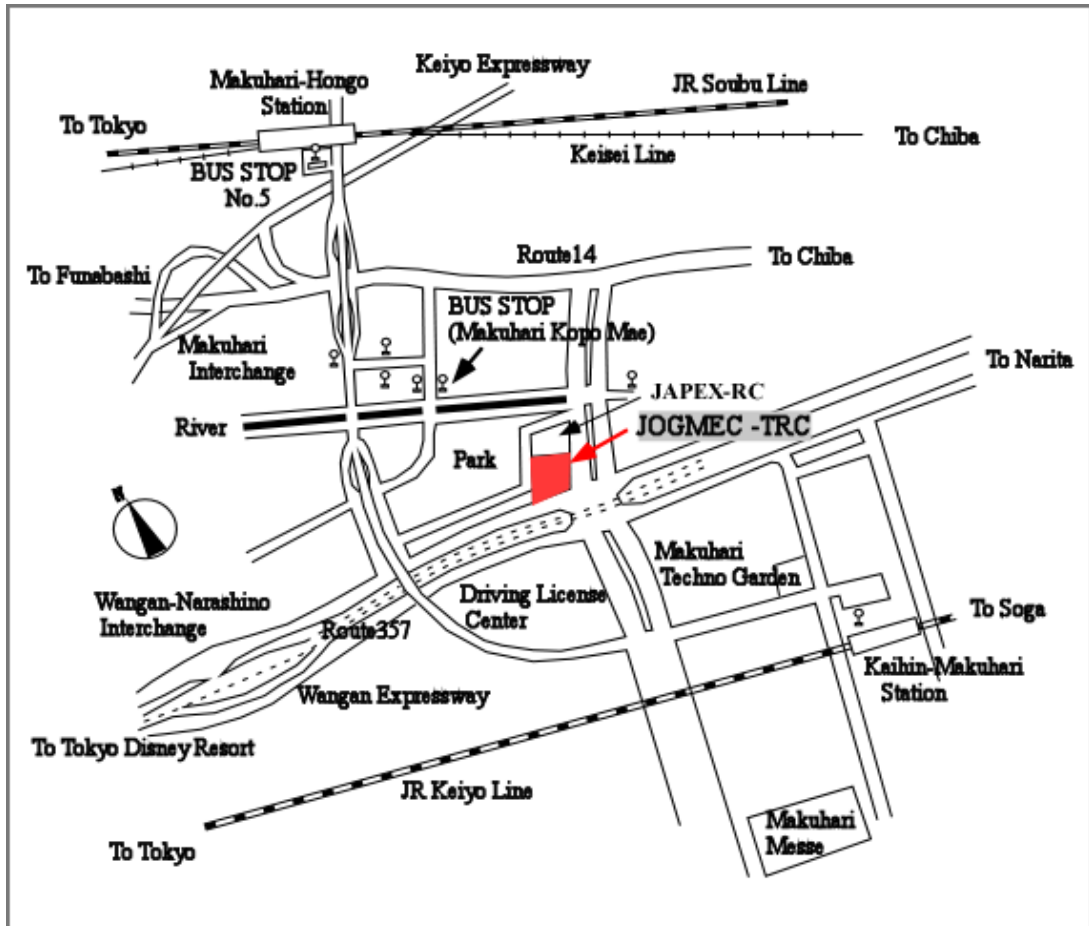


From Kaihin-Makuhari Station (JR Keiyo Line; 30 min. from Tokyo station)

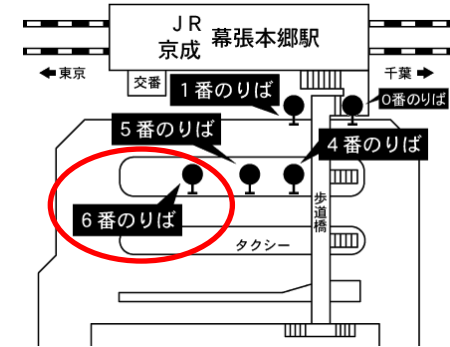
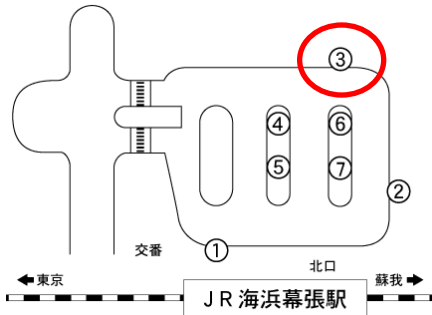
- 10 min. by taxi or 20 min. on foot

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 46
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	17 47
09	13 28 43 58	7	07 22 34 52
13	28 46	8	07 22 37 52
01	16 34 53	9	09 22 42
02	13 33 53	10	02 22 42
02	13 33 53	11	02 22 42
02	13 33 53	12	02 22 42
02	13 33 53	13	02 22 42
02	13 33 53	14	02 22 42
02	13 33 53	15	02 22 42
02	13 33 53	16	02 22 42
13	33 53	17	02 22 42 57
10	20 40 55	18	17 32 47
10	25 42 55	19	02 17 32 47
11	28 43 56	20	04 17 35 51
13	28 48	21	04 17 37 57
08*		22	12**25 37
	*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	10 40
7	00 15 27 45
8	00 15 30 45
9	02 15 35 55
10	15 35 55
11	15 35 55
12	15 35 55
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16	15 35 55
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: KYanagi@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 2,400 – 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

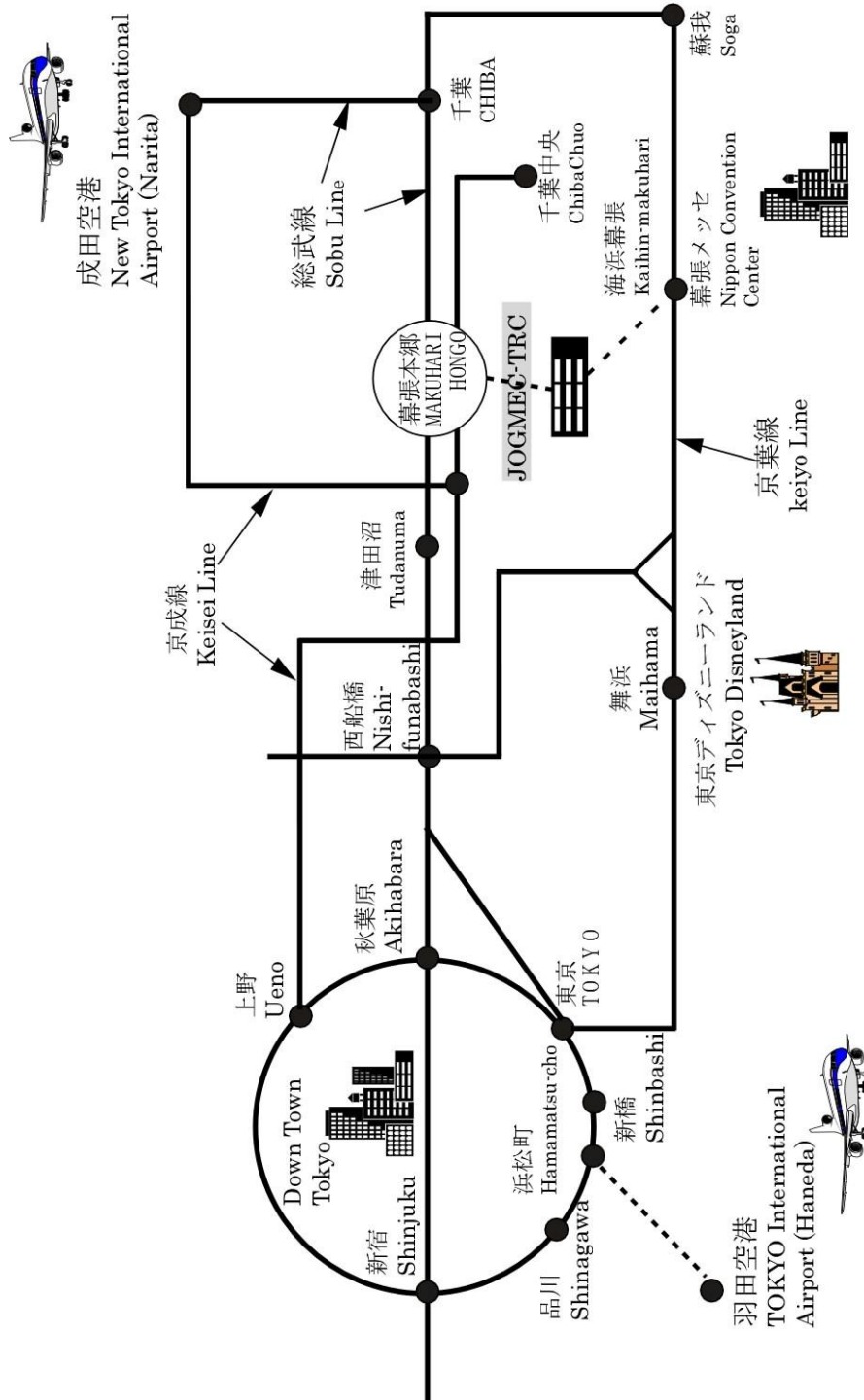
JFES has a group booking at Hotel the Manhattan.

- Hotel the Manhattan **US\$130 ~ US\$180**
(<http://www.the-manhattan.co.jp/english/>)
- Hotel Springs Makuhari **US\$100 ~**
(<http://www.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

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\$ 150 ~
http://www.mercure.com/mercure/fichehotel/gb/mer/5701/fiche_hotel.shtml



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JOGMEC-TRC, Chiba, Japan, September 26 - 27, 2013

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: 26th / 27th / Icebreaker

Signature: _____

Please return this form complete by **September 17, 2013** to;

Kinuko Yanagi

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