

The 13th Formation Evaluation Symposium of Japan
September 27 - 28, 2007, JOGMEC-TRC, Chiba

Japan Formation Evaluation Society – A Chapter of SPWLA

The 13th Formation Evaluation Symposium of Japan

JOGMEC-TRC, Chiba
September 27 - 28, 2007

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

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

Technical Program Timetable

Thursday, September 27

9:15 - 17:00	<i>Registration</i>	Entrance Hall
9:15 - 17:00	<i>Slide Center</i>	Room 101
10:00 - 10:50	Opening Session	Lecture Hall
10:50 - 12:10	Scientific Drilling	Lecture Hall
12:10 - 13:10	<i>Lunch</i>	Cafeteria
13:10 - 15:50	Special Session	Lecture Hall
15:50 - 16:10	<i>Coffee Break</i>	Lobby
16:10 - 17:10	Fractured Reservoir / Microseismics	Lecture Hall
17:10 - 17:30	Annual Business Meeting	Lecture Hall
17:45 - 19:15	<i>Icebreaker</i>	Cafeteria

Friday, September 28

9:30 - 10:30	New Tool / New Technology 1	Lecture Hall
10:30 - 10:50	<i>Coffee Break</i>	Lobby
10:50 - 12:10	New Tool / New Technology 2	Lecture Hall
12:10 - 13:10	<i>Lunch</i>	Cafeteria
13:10 - 14:10	Reservoir Characterization	Lecture Hall
14:10 - 14:30	<i>Coffee Break</i>	Lobby
14:30 - 15:50	General Formation Evaluation 1	Lecture Hall
15:50 - 16:10	<i>Coffee Break</i>	Lobby
16:10 - 17:10	General Formation Evaluation 2	Lecture Hall
17:10 - 17:15	<i>Closing</i>	Lecture Hall

Technical Program

Thursday, September 27

10:00-10:50 Opening Session

Chairperson: Kazuhiko Tezuka (JAPEX)

Opening Address: Makoto Miyairi (Chairman of the Symposium, JAPEX)

Keynote Address: SPWLA - Supporting Global Growth in Petrophysics; a Key Element of Geosciences and the Search for Energy Resources:
Terry Quinn (President Elect of SPWLA, INTEQ, Baker Hughes)

10:50-12:10 Scientific Drilling

Chairperson: Tatsuki Endo (Schlumberger)

- A Drilling a Deep-Sea Coral Mound and its Geological Significance:** Akihiro Kano (Hiroshima University), Chiduru Takashima (Hiroshima University), Tsuyoshi Ishikawa (Kochi Institute for Core Sample Research, JAMSTEC), Timothy G. Ferdelman (Max-Planck-Institute for Marine Microbiology), Trevor Williams (Lamont-Doherty Earth Observatory), Jean-Pierre Henriot (Universiteit Gent)
- B Precise Temperature Measurements and Earthquake Heat Associated with the 1999 Chi-Chi, Taiwan Earthquake:** Yasuyuki Kano (Disaster Prevention Research Institute, Kyoto University), Hisao Ito (CDEX, JAMSTEC), Osamu Matsubayashi (AIST), Jim Mori (Disaster Prevention Research Institute, Kyoto University)
- C Elastic Properties of Soft Sediments in the Brazo Trinity and the Ursa Basins, Deep Waters in the Gulf of Mexico.:** Nguyen Thi Thanh Binh, Tomochika Tokunaga (University of Tokyo), Gerardo J. Iturrino (University of Colombia), Toshiaki Nakamura, Masako Kubota (Dia Consultants), Hiroshi Kameya, Minoru Taniue (OYO Corporation), IODP Expedition 308 Shipboard Scientific Party.
- D Fault Characterization and Stress Estimates from TCDP Logging Results:** Hisao Ito (CDEX, JAMSTEC), Weiren Lin (Kochi Institute for Core Sample Research, JAMSTEC), Huang-Yu Wu and Jih-Hao Hung (National Central University, Taiwan)

12:10-13:10 Lunch

13:10-15:50 Special Session “Borehole Imaging”

Chairperson: Osamu Osawa (Schlumberger)

Invited Lecture: 13:10-14:10

Borehole Image as a Tool Box for Reservoir Description

Arnaud Etchecopar (Schlumberger Riboud Product Center)

- E Fractured Reservoir Characterization Using FMI Images:** Kazuhiko Tezuka and Tetsuya Tamagawa (JAPEX)
- F Application of Borehole Images for Sedimentary Facies Analysis: An Example from Eocene Ishikari Group, Hokkaido, Japan:** Retno Widyaningrum, Tomochika Tokunaga (University of Tokyo), Osamu Takano, Takashi Tsuji (JAPEX)
- G Imaging Fracture Production: LWD Evaluation of Unconventional Plays:** Terry Quinn (INTEQ, Baker Hughes)
- H Estimation of 3-D Reflector Positions by Directional Borehole Radar with Cylindrical Dipole Array:** Satoshi Ebihara, Takafumi Ohnoki, Ryo Shinoda, Yasuyuki Kishimoto (Osaka Electro-Communication University)

Round Table Discussion: 15:30-15:40

[Break] 15:40-16:00

16:00-17:00 Fractured Reservoir / Microseismics

Chairperson: Hideki Saito (OYO Corporation)

- I Estimation of Fracture Network Associated with Slip on Fault in a Basement Reservoir:** Tetsuya Tamagawa (JAPEX)
- J An Experimental Study of Size Effect on Closure of a Tensile Fracture under Normal Stress:** Ausama A. Giwelli, Kiyotoshi Sakaguchi, Koji Matsuki (Tohoku University)
- K Delineation of Fracture Systems by Microseismic Monitoring in Yufutsu Gas Field, Japan:** Ryohei Kamitsuji, Kazuhiko Tezuka (JAPEX)
- BB (alternate) Microseismic Zonation for Cairo City and Preliminary Steps for New Egyptian Code:** Mohamed Ahmed Gamal (Cairo University, Egypt)

17:10-17:30 Annual Business Meeting

Chairperson: Fumio Okitsu (Consultant)

17:45-19:15 Icebreaker at Cafeteria

Friday, September 28

9:30-10:30 New Tool / New Technology 1

Chairperson: Yusuke Kuwauchi (Mitsui Oil Exploration)

- L A surprise Discovery Using Cased Hole Logs in the Tiaka Field: Ricky Adi Wibowo, Deddy Hasanusi (PERTAMINA), Mario Petricola (Schlumberger)**
- M Engineering the Next-Generation Downhole Fluid Analysis Tool and Field Test Case Study: Toru Terabayashi, Stephane Vannuffelen, Chengli Dong, Tsutomu Yamate, Ricardo Vasques (Schlumberger)**
- N Performance of High Resolution Induction Tool (HRI) in WRBC: Mr. Balaram Kundu, K. K. Prasad, Chatar Singh (ONGC, India)**

[Break] 10:30-10:50

10:50-12:10 New Tool / New Technology 2

Chairperson: Koji Kusaka (Schlumberger)

- O Identification of By-Passed Oil by Measurement of Resistivity Behind Casing in Mumbai High, India: A Success Story: Sunil Chaudhary, P. K. Jain, M. S. Murty, N. Chaudhary, V. K. Kansal (ONGC, India)**
- P The Sensitivity Analysis of the Multi-Component Induction Data: Cynthia Xue, Michael Rabinovich (Baker Hughes),**
- Q High Resolution Dispersion Analysis of Array Sonic Waveforms: Shinichi Sunaga, Shinji Yoneshima, Takeshi Endo, Toshihiro Kinoshita (Schlumberger)**
- R Sonic Log Simulation Using Fuzzy Logic Theory: Marcos Vinícius Leite (PETROBRAS), Abel Carrasquilla (UENF, Brazil), Jadir Silva (UFRJ, Brazil), Alexandre Leite (CEFET-Campos, Brazil)**
- CC (*alternate*) An Adaptive Neuro-fuzzy Method (ANFIS) for Generating Synthetic Logs: Zabih O. Khaxar (University of Tehran), Reza Fakuri (Iran University of Science and Technology), Mohsen Khaxar (Arak University)**

12:10-13:10 Lunch

13:10-14:10 Reservoir Characterization

Chairperson: Hiroshi Kozano (Teikoku Oil)

- S Geostatistical Approach using Well Log and Seismic Data to Define Reservoir Potential in Mature Field Case Study : “E” Sand, Mutiara Field, Kutai Basin, East Kalimantan:** Irma Hermawaty, Thomas Yunanto Yoga, Iranta Bona Sinaga, Nurhayati, Teguh Nugraha (Vico Indonesia), Benyamin (BPMIGAS, Indonesia)
- T A New Idea to Estimate Interstitial Shaliness of the McMurray Formation in Canada’s Athabasca Oil Sands:** Koji Kashihara, Takashi Tsuji (JAPEx)
- U A Suggested Formula for Permeability Estimation from Well Logs as a Function of Formation Factor Parameters in Clean Formations with Application :** Karter H. Makar, Mostafa H. Kamel (Cairo University)
- DD (alternate) Truthfulness of the Existence of the Pelusium Megashear Fault System, East of Cairo City, Egypt:** Mohamed Ahmed Gamal (Cairo University)
- EE (alternate) Predicting Porosity by a GA-based Selective Neural Network Ensemble:** Zabih O. Khaxar (University of Tehran), Mohsen Khaxar (Arak University, Iran)

[Break] 14:10-14:30

14:30-15:50 General Formation Evaluation 1

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

- V A Study on the Nature of Borehole Instability through Time Lapse Log Measurement in the Clastic Reservoirs of Bhuvanagiri Field of South India.:** Priti Prasad Deo, S. Prabhakaran, Mohan Menon (ONGC, India)
- W Magnetic Resonance Measurements for Formation Fluid Evaluation:** Doug Murray, Sherif Farag (Schlumberger)
- X Porosity Typing and Productivity Analysis by Modified-Timur-Coates Permeability Model for Carbonates Using NMR and Conventional Log Data:** M. Mehmet Altunbay (Baker Atlas), Ko Ko Kyi A, Selim Belhaouas, Norshuhada Shaharuddin (Petronas Carigali), Adriaan Bal, Songhua Chen (Baker Atlas)
- Y Prediction of Apparent Cohesion, Angle of Internal Friction and Poisson's Ratio of Various Types of Rocks Using Laboratory Measured Unconfined (Uniaxial) Compressive Strength:** Bandar Duraya Al-Anazi (King Saud University)
- FF (alternate) A Critical Role of Resistivity-Sonic-Density Combination on Seismic Parameters P-Wave Velocity Evaluation In View of a New Relationship :** Mostafa H. Kamel (Cairo University)

[Break] 15:50-16:10

16:10-17:10 General Formation Evaluation 2

Chairperson: Tetsuya Yamamoto (JAPEX)

- Z Determination of Petrophysical Properties of Tight Gas Sand Reservoir Using NMR and SCAL:** Gharib M. Hamada (King Fahd University of Petroleum & Minerals, Saudi Arabia)
- AA Nuclear Magnetic Resonance application in Indonesian Hydrocarbon Reservoirs:** Benyamin (BPMIGAS, Indonesia)
- GG (alternate)Wire Line Log Reading Influenced by Cementing Job in Open Hole, in Kedungtuban-2 Well:** Fahyani Suwidiyanto (PERTAMINA EP, Indonesia)
- HH (alternate) An Approach for Improving the Evaluation of Porosity and Water Saturation in Shaly/Sand Sequence using Resistivity and Acoustic Logs:** Mostafa H. Kamel, Walid M. Mabrouk, Karter H. Makar (Cairo University)

17:10-17:15 Closing

Symposium Sponsors



Symposium Committee 2007

Chairman	Makoto Miyairi, Japan Petroleum Exploration Co., Ltd.
Vice-Chairman	Fumio Okitsu, Consultant
Program	Kazuhiko Tezuka, Japan Petroleum Exploration Co., Ltd.
Finance	Masaru Nakamizu, JOGMEC
Printing/Proceedings	Hiroshi Kozano, Teikoku Oil Co., Ltd.
Pre-Registration	Ayumi Higuchi, Schlumberger K.K.
Registration	Tetsuya Yamamoto, Japan Petroleum Exploration Co., Ltd.
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Award/Gift	Hideki Saito, OYO Corporation
Entertainment	Jiro Watanabe, Geophysical Surveying Co., Ltd.
Review	Hisao Ito, JAMSTEC
Review	Motoyuki Sato, Tohoku University
Review	Haruya Nakata, Geothermal Energy R & D Co., Ltd.
Review	Hiroshi Oda, Geological Survey of Japan, AIST

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Tel: +81(3) 3243 8160 Fax: +81(3) 3243 8180
e-mail: ahiguchi@tokyo.oilfield.slb.com

Registration Information

REGISTRATION FEE

	Pre-Registration (by Sep. 14)	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 :

Ayumi Higuchi
Schlumberger K. K.
7F Meiji Yasuda Life Yaesu Bldg.,
7-16, Yaesu 2-chome, Chuo-ku, Tokyo 104-0028, Japan
Tel: +81(3) 3243 8160 Fax: +81(3) 3243 8180
E-mail: ahiguchi@tokyo.oilfield.slb.com

The Deadline for the receipt of the **Pre-Registration** Form will be **September 14, 2007**.

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 14. No changes or cancellations can be made by telephone. Any registration after September 15 is requested to be made on site. The registration desk at the Entrance Hall will be open from 9:15 daily there.

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, 2007**.

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 Room 101 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
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

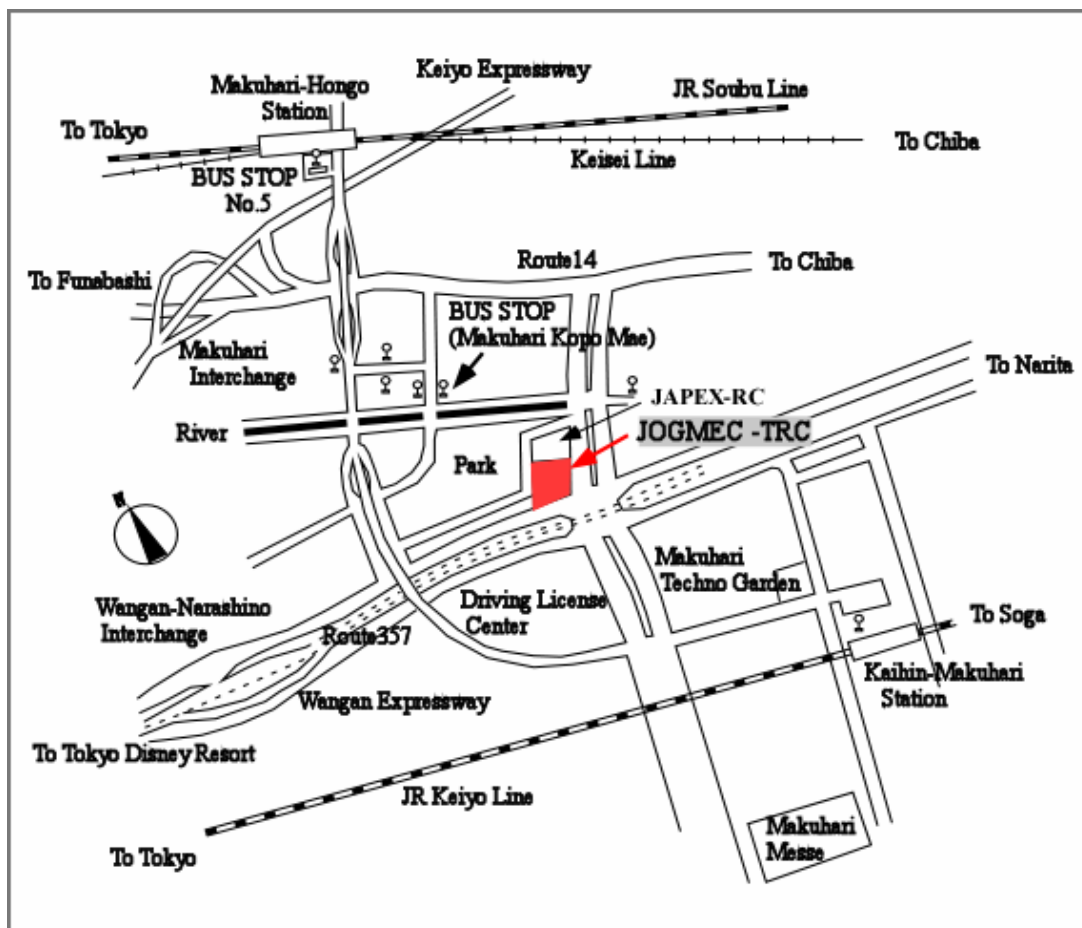
HOW TO GET TO THE JOGMEC-TRC:

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

- Transportation service is available by JOGMEC-TRC
- 10 min. by taxi or 30 min. on foot

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

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



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:

Shizu Kobayashi

Schlumberger K. K.

2-2-1 Fuchinobe, Sagamihara, Kanagawa 229-0006, Japan

Tel: +81 (42) 759-2115, Fax:+81 (42) 759-4271

e-mail: kobayasi@fuchinobe.oilfield.slb.com

In order to make proper arrangement, please send the request at least 1 month in advance.

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 example 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 (Price listed below is before discount)

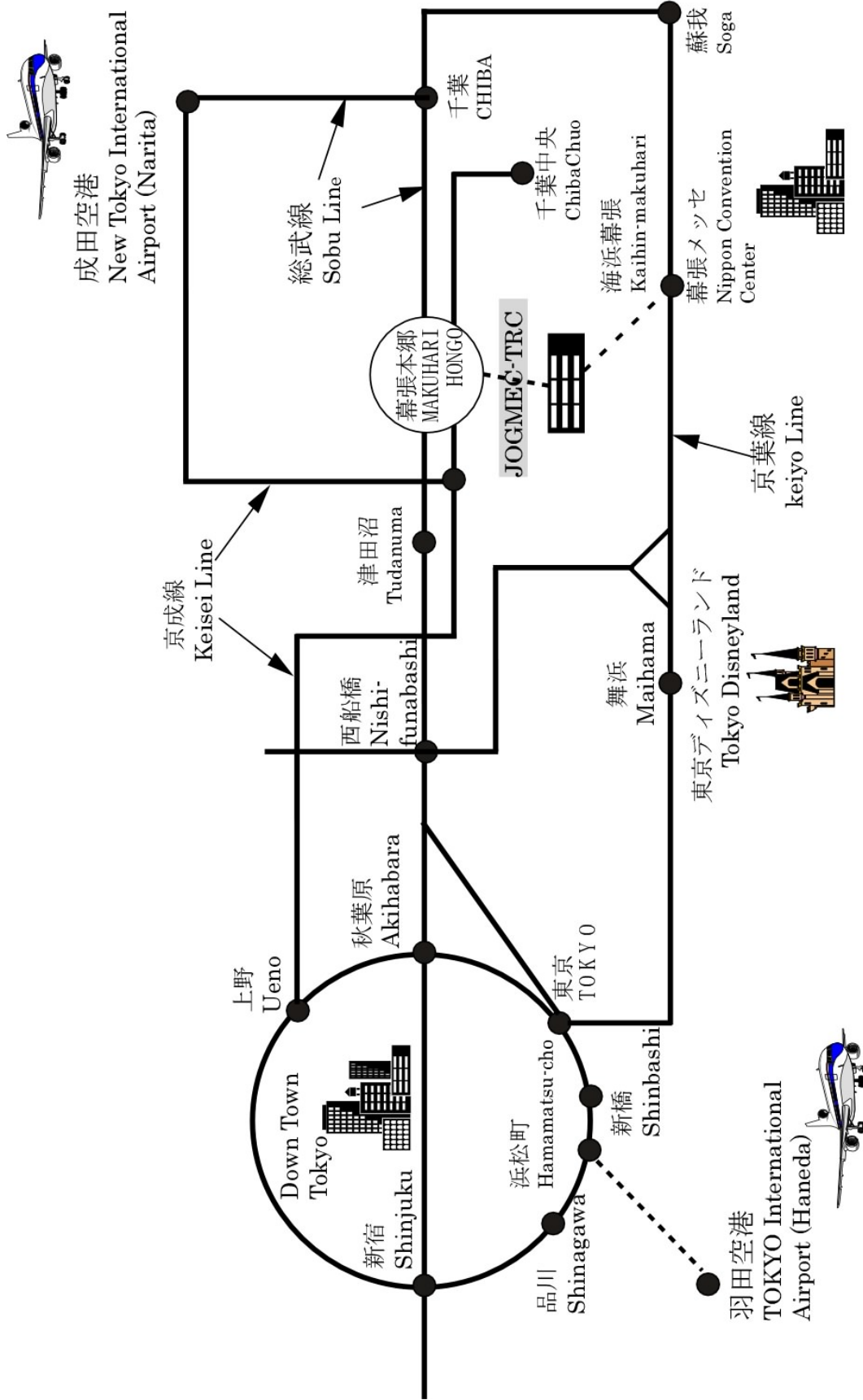
20 min. walk to JOGMEC-TRC or 10 min. by taxi

The Manhattan	US\$ 150 up
Hotel New Otani	US\$ 150 up
Hotel Green Tower Makuhari	US\$ 120 up

Tokyo 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	US\$ 150 up
Mércure Hotel Ginza Tokyo	US\$ 180 up



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

Total _____ yen

Please circle: 27th / 28th / Icebreaker

Signature: _____

Please return this form complete by **September 14, 2007**

Attn: Ayumi Higuchi
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