

As of April 11, 2016

ASEAN – JAPAN WORKSHOP IN THAILAND ON INNOVATION, SCIENCE AND TECHNOLOGY FOR SUSTAINABLE DEVELOPMENT

9 JUNE 2016



Introduction

In this 20th century, science, technology, and innovation play the significant roles to enrich the quality of life for our human society. As such, the Science and Technology for Society *forum* (STS *forum*) was established in 2004 by H.E. Koji Omi, a former Japanese Minister of Finance, as an annual gathering that aims to provide a new mechanism for open discussions on an informal basis, and to build a human network that would, in time, resolve the new types of problems stemming from the application of science and technology.

The ASEAN-Japan Workshop is marked as another platform to help exploring the opportunities arising from science and technology, and address how to remove the barriers to using science, technology and innovation to solve the problems facing humankind between Japan and ASEAN Member States on the specific area of interest.

Following the first successful workshop in Singapore, 2014, and in Malaysia, 2015, this coming ASEAN-Japan Workshop in Bangkok, Thailand, 2016 will be the third workshop which the top leaders from various institutions of Japan and ASEAN Member States will participate to discuss, develop and communicate on the topic of Innovation, Science and Technology for Sustainable Development that would lead to long-term benefits of mankind. Participants will share thoughts and views regarding important issues surrounding such topic. The discussion could help identify some directions towards the establishment of shared values and commitment for the future.

2nd ASEAN – JAPAN Workshop in Malaysia

JUNE 11, 2015 --- ASEAN-Japan Workshop for Innovation, Science & Technology Cooperation in Malaysia was held in Kuala Lumpur, Malaysia



Opened with the welcoming remarks by Datuk Dr. Mohd Yusoff Sulaiman, President and Chief Executive Officer of MIGHT, the workshop consisted of two sessions. The total of 88 participants, from Japan and all the ASEAN countries (except for Brunei, Viet Nam, and Laos) were divided into ten tables and discussed enthusiastically topics including a new focal point of empowering youth and women in science, technology and innovation.

Following the first successful workshop in Singapore in May 2014, it was the second occasion to promote ASEAN-Japan cooperation on innovation, science and technology. “The ASEAN has been making efforts to enhance its economic competitiveness by sustaining economic growth and strengthening regional integration as well as expanding and deepening economic interdependence outside the region (which culminated in) making ASEAN as the Japan’s second largest trade partner,” said Prof. Zakri Abdul Hamid, Science Advisor to the Prime Minister of Malaysia, who co-hosted the event with Japan External Trade Organization (JETRO) and Malaysian Industry-Government Group for High Technology (MIGHT).



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Science and Technology in Society *forum* (STS forum)



National Science and Technology Development Agency (NSTDA)



Japan External Trade Organization (JETRO)

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Session 2 : Human Capital Development to raise Collaboration & Competitiveness through Innovation between ASEAN and Japan

LOGISTIC ARRANGEMENT

Venue - ABOUT Dusit Thani Bangkok

Inquiries

A Global Movement



Koji Omi

Founder and Chairman

STS *forum*

It all starts with the “lights and Shadows” - the dual nature of science and technology. On the one hand, science and technology has the power to change the way we live, affecting every aspect of our lives. However, it also raises risks, such as environmental problems, privacy and security in ICT, and ethical issues such as human cloning. Furthermore, access to the full benefits of science and technology has yet to be shared by all.

As a former Minister of State for Science and Technology Policy and Minister of Finance, I developed a personal interest in science and technology matters. Over time, my interest soon became a passion, and I realized that as members of humankind, we had to make greater efforts to expand the lights and control the shadows of science and technology.

At the same time I recognized that we could not leave these issues to science professionals alone, nor to any one country on its own. What we needed was high-level dialogue, across different disciplines and across national boundaries. The problem was that there was no international venue that fulfilled these criteria.

After consulting with a number of science and business experts, I founded in 2004 the Science and Technology in Society forum (STS forum) as a unique gathering of global leaders to discuss science and technology issues. The first meeting was held that fall, bringing together 480 participants from 50 countries – scientists, academics, policymakers, business leaders and journalists from wide-ranging fields.

In light of the meeting’s success and the significance of the discussions, we decided it would be meaningful to hold the forum every year. Today around 1000 leaders from over 100 countries take part. There is more than enough interest to add even more participants, but to maintain discussions of the highest quality, we thought it best to invite only the most essential members. Nevertheless, I sincerely believe that the forum has grown from being the world’s largest science and technology conference of its kind, into a truly global movement.

Our Vision

1. Lights and Shadows

The explosive progress of science and technology has enriched our quality of life but also raised a number of challenges for society. STS *forum* seeks to strengthen the lights and control the shadows of science and technology.

3. Long-Term Perspective

By looking hundreds of years into the future, STS *forum* takes a truly long-term perspective, thereby seeking to foster sustainable society for generations to come.

2. Business, Academia, and Government Collaboration

No one country or constituency alone can solve the science and technology issues facing humankind. STS *forum* is a platform for forming collaborative networks among global leaders in business, academia and government, so that together we can build a better world.



A Unique Forum

What Is STS *forum*?

STS forum is run by a registered non-profit organization “STS forum” led by Honorary Chairman Shinzo Abe, the Prime Minister of Japan, and Chairman and Founder Koji Omi. The forum is also guided by a Board and a Council, composed of dignitaries from around the world.

Around 1200 participants from about 100 countries engage in lively discussions for 3 days every October at the Kyoto International Conference Center in Kyoto, Japan. Participation in STS forum is by invitation only.

What Is The Impact?

STS forum has become a global movement embracing the scientific community and beyond, forming networks among leaders from around the world to share collective knowledge and realize its full potential. Recognized as an essential venue for science and technology, an official Statement summarizing the forum discussions is sent to international heads of state, in the hopes of building a richer and more sustainable future.

Why Attend?

To connect with other people like you who wish to change the world for the better, and who can address the problems we face from a broad range of perspectives.

You will have the rare opportunity to network with a diverse group of global leaders from a range of sectors, including leading executives, top government officials, and heads of academic institutions. In 2015, STS forum was attended by 43 CTOs, 27 state ministers, 62 presidents or other representatives of world-leading universities, and 10 Nobel Laureates.

Take part in the many networking meetings and smaller thematic sessions, where you will be able to engage in open and informal discussions with participants with diverse backgrounds and expertise, gain fresh insights and novel perspectives on the key science and technology issues of our times, and explore innovative ideas and initiatives together.



A Unique Forum

Concurrent Sessions

A distinctive feature of STS *forum* is the multiple concurrent sessions based around several key themes affecting humankind. During each session, speakers are allotted 6 minutes to deliver presentations, followed by a lively discussion.

The concurrent sessions are open to all participants, who are invited to engage in practical, face-to-face dialogue on an equal footing. The sessions also offer opportunities to build networks across borders and disciplines, bringing together leaders from around the globe who share a common recognition of the issues we face.



Plenary Sessions

Plenary sessions feature panels consisting of Nobel Laureates and other world-leading scientists, policymakers and leaders of industry. As prominent members of their respective fields, the panelists present their views on pressing issues for global society. The meeting is also opened up for a Q&A session.

Peer Meetings & Networking

Specialized peer meetings are also held among science and technology ministers, university presidents, funding agency presidents, academy of science presidents, academy of engineering presidents, and CTOs (chief technology officers) of corporations. Additionally, the forum also invites selected young participants in an effort to develop future leaders with diverse perspectives for the next generation and beyond.

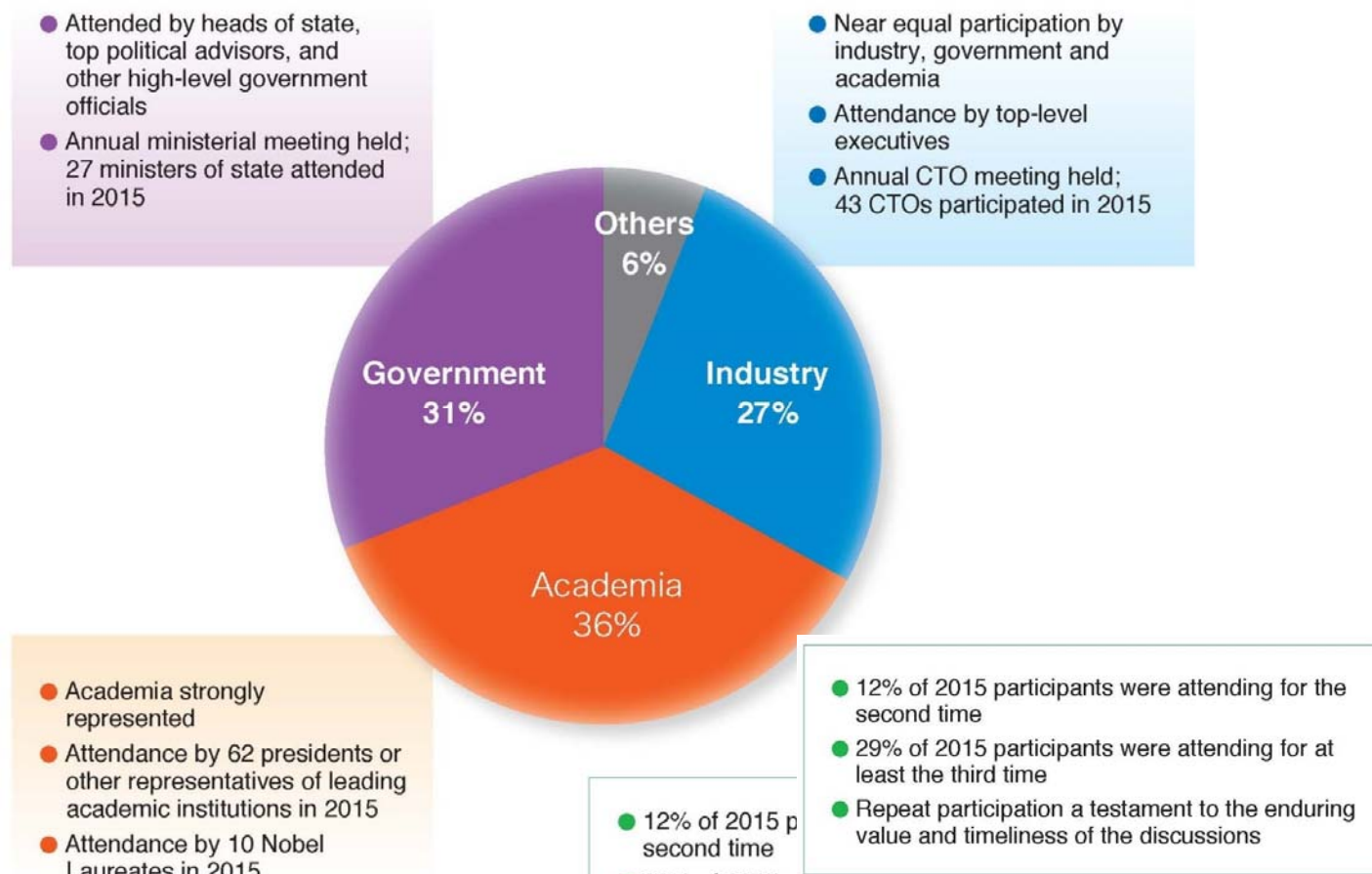
There are also many additional opportunities for network-building and opinion exchange. The forum offers a welcome reception, buffet lunches, an official seated banquet and a buffet dinner at one of Kyoto's cultural heritage sites.



A Global Movement

Beginning with 480 participants in 2004, the number of participants at STS forum has grown to over 1200 people from about 100 countries and regions around the world. Furthermore, the ratio between representatives from government, industry and academia has become highly balanced over the years.

2015 PARTICIPANTS BY CONSTITUENCY



The Japan External Trade Organization (JETRO) has a global network spanning over 70 regional offices abroad and over 40 offices within Japan consisting of JETRO Tokyo Headquarters, JETRO Osaka, the Institute of Developing Economies (IDE-JETRO) and domestic regional offices. Using this network, JETRO contributes to two-way expansion of trade and investment between Japan and the rest of the world with its ability to connect between business and government, business and business and people and people.

Specifically, JETRO implements activities based on the following three pillars:

- 1) Assistance for overseas companies in entering Japan
- 2) Support for exports of Japanese agricultural, forestry, fishery and food products and delivery of excellent goods and services produced by small- and medium-sized enterprises (SMEs) in Japan around the globe
- 3) Contribution to enhancement of global economic partnership through policy studies and research

With the key message “Talk to JETRO first”, JETRO provides multifaceted support, including one-stop services, as the first contact point for overseas companies interested in expansion to Japan.



The National Science and Technology Development Agency (NSTDA) is a semi-autonomous government agency under Thailand Ministry of Science and Technology. NSTDA is tasked to be a driving force to enhance scientific and technological capabilities of Thailand and to enhance the country's competitiveness and the well-being of Thai citizen through science and technology. NSTDA is committed to achieve four strategic missions comprising; 1) research & development 2) technology transfer 3) human resource development and 4) S&T infrastructure development, through its four main national research centers; the National Center for Genetic Engineering and Biotechnology (BIOTEC), the National Metal and Materials Technology Center (MTEC), the National Electronics and Computer Technology Center (NECTEC), and the National Nanotechnology Center (NANOTEC). In addition, NSTDA reaches out to other research organizations and universities through joint collaboration, contracted research, and other supporting mechanisms to ensure the best resources are being captured to meet the country's innovation needs. To tie all these functions together, the Technology Management Center (TMC) of NSTDA serves as a linkage between scientists and end users through various mechanisms.

NSTDA's role is to act as a bridge between the academic research and innovation requirements of the industry to accelerate innovation proliferation that consequently contributes to the country's economic and social development and sustainability.

Organizers



Science and Technology in Society *forum* (STS *forum*)



National Science and Technology Development Agency (NSTDA)



Japan External Trade Organization (JETRO)

Supported by

Embassy of Japan to Thailand



Ministry of Science and Technology of Thailand (MOST)



National Science, Technology and Innovation Policy Office (STI)



Thailand Institute of Scientific and Technological Research (TISTR)

Program

TIME	AGENDA
Wednesday 8 June, 2016	
19.00 – 21.00	Reception at the Official Residence of the Ambassador of Japan to Thailand
Thursday 9 June, 2016	
09.00 – 10.00	Registration & Welcome Coffee/Tea
10.00 – 10.10	Welcome Remark: ◎ Dr. Weerapong Pairsuwan , Permanent Secretary, Thailand Ministry of Science and Technology, Thailand
10.10 – 10.30	Opening Address: ◎ Mr. Koji Omi , Founder and Chairman, STS <i>forum</i> , Japan ◎ Dr. Thaweesak Koanantakool , President, National Science and Technology Development Agency (NSTDA), Thailand ○ Mr. Hiroyuki Ishige , Chairman, Japan External Trade Organization (JETRO), Japan
10.30 – 10.45	Keynote Speech: ◎ Dr. Pichet Durongkaveroj , Minister, Thailand Ministry of Science and Technology, Thailand

Program Session 1

AGENDA

Session 1 : Innovation and Linkages: Collaboration between SMEs & Global Companies in the era of ASEAN Economic Cooperation(AEC) 10.45 – 12.45

To continue the mutual development in the era of regional economic collaboration, SMEs & Global Companies should explore the opportunities to engage in a broader network through supply chain links among firms across ASEAN and Japan. Furthermore, it is important that SMEs must think of innovation in order to enhance their production process and quality.

Issues to be discussed are:

- How can Japan and ASEAN work together to strengthen the competitiveness of SMEs through STI?
- How can ASEAN-Japan SMEs & Global Companies build innovation partnership for mutual benefits?
- What is the role of government to facilitate the linkages between SMEs and Global Companies?
- What are the prioritized area for both ASEAN and Japan?

Program Session 1

TIME	AGENDA
10.45– 12.45	<p>Session 1: Innovation and Linkages: Collaboration between SMEs & Global Companies in the era of ASEAN Economic Cooperation(AEC)</p> <p>Proposed Chair:</p> <ul style="list-style-type: none"> ○ Mr. Kan Trakulhoon, Former President and CEO, Siam Cement Group, Thailand <p>Proposed Speakers:</p> <ul style="list-style-type: none"> ◎ Mr. Satoshi Miyamoto, Director-General, The Small and Medium Enterprise Agency, Japan ◎ Dr. Michinari Hamaguchi, President, Japan Science and Technology Agency (JST), Japan ◎ Prof. Hiroshi Matsumoto, President, RIKEN, Japan ◎ Dr. Ryoji Chubachi, President, National Institute of Advanced Industrial Science and Technology (AIST); former President and CEO, Sony Corporation, Japan ◎ Ir. Bambang Susantono, Vice-President, Knowledge Management and Sustainable Development, Asian Development Bank, Indonesia ◎ Ms. Duangjai Asawachintachit, Deputy Secretary General, Thailand Board of Investment (BOI), Thailand ○ Prof. Zakri Abdul Hamid, Science Advisor to the Prime Minister of Malaysia, Malaysia ○ Dr. Ir. Unggul Priyanto, Chairman, Agency for the Assessment and Application of Technology (BPPT), Indonesia ○ Dr. Amelia P. Guevara, Undersecretary, Research and Development, Department of Science and Technology (DOST), Philippines <p>Proposed Commentators:</p> <ul style="list-style-type: none"> ◎ Dr. Somkiat Tangkitvanich, President, Thailand Development Research Institute, Thailand ◎ Mr. Chuan Poh Lim, Chairman, A-STAR, Singapore <p>✕ Each speaker delivers a 5 minutes presentation without any slides or other visual materials. (only for oral presentation) This workshop will be conducted in English, without interpretation.</p>
12:45-14:00	Lunch

Program Session 2

AGENDA

Session 2: Human Capital Development to raise Collaboration & Competitiveness through Innovation between ASEAN and Japan

14:10 - 16:10

ASEAN needs to create ASEAN Collaboration & competitiveness through innovation. To this end, human resources is the key component. There is a need across ASEAN for more qualified scientists, engineers, and highly skilled technicians to support the innovation-driven economy. To this end, education and training system must be improved. Presently, overall status of innovation performance (from the Global Competitive Report) in ASEAN countries are at varying levels, with Singapore being the highest and are nearly equivalent to Japan in terms of rank and score. ASEAN can learn how to improve innovation performance from Japan and should cooperate more actively to improve education and innovation to achieve sustainable development.

Issues to be discussed are:

- How can Japan play a role in narrowing the development gap and raise ASEAN Collaboration & competitiveness, particularly in human capital development, in the era of ASEAN economic integration?
- How to upgrade vocational workers to be high-skilled workforce, and to upgrade vocational education and training to produce more qualified workforce to support competitive production in the era of AEC? Any experiences which can be shared?

Program Session 2

TIME	AGENDA
14:00-14:10	<p>Special Presentation: “Human Capital as a part of human development” © Professor Dr. Yongyuth Yuthavong, Former Deputy Prime Minister, The first President, Thailand’s National Science & Technology Development Agency (NSTDA), Thailand</p>
14:10-16:10	<p>Session 2: Human Capital Development to raise Collaboration & Competitiveness through Innovation between ASEAN and Japan</p> <p>Proposed Chair: © Prof. Juichi Yamagiwa, President, Kyoto University, Japan</p> <p>Proposed Speakers: © Mr. Kazuo Todani, Deputy Minister, Ministry of Education, Culture, Sports, Science and Technology (MEXT), Japan © Dr. Eng. Ryoji Noyori, Nobel Laureate for Chemistry 2001, Japan © Prof. Dr. Kazuhito Hashimoto, President, National Institute for Materials Science, Japan © Dr. Yada Mukdapat, Deputy Secretary General, National Science, Technology and Innovation Policy Office (STI), Thailand © Dr. Teeradetch Tungsubutra, Executive Vice President, PTT Public Company Limited., Thailand ○ Prof. Datuk Ir. Dr. Wahid Omar, Vice Chancellor, Universiti Teknologi Malaysia (UTM), Malaysia © Mr. Soumana Choulamany, Director General, Department of Technology and Innovation, MOST, Lao PDR ○ Mr. Ta Doan Trinh, Director, National Institute for Science and Technology Policy and Strategy Studies, Viet Nam</p> <p>Proposed Commentators: © Assoc. Prof. Dr. Sakarindr Bhumiratana, President, King Mongkut’s University of Technology Thonburi (KMUTT), Thailand © Prof. Dr. Iskandar Zulkarnain, Chairman, Indonesian Institute of Sciences (LIPI), Indonesia</p> <p>✗ Each speaker delivers a 5 minutes presentation without any slides or other visual materials. (only for oral presentation) This workshop will be conducted in English, without interpretation.</p>

Program

TIME	AGENDA
16:10-16:40	Coffee Break
16:40-16:50	Concluding Remark: © Dr. Thaweesak Koanantakool, President, NSTDA, Thailand © Mr. Koji Omi, Founder and Chairman, STS <i>forum</i> , Japan
16:50-18:00	Networking Cocktail

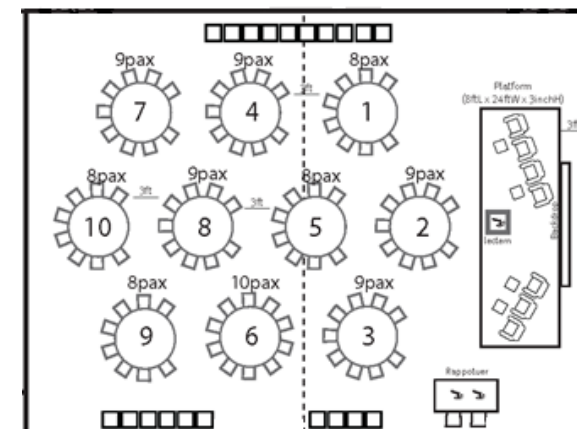
Program

Participants' Guideline

- All sessions are interactive. They are conducted in English, without interpretation
- The layout of the Workshop will be as per attached. There will be 10 tables and 8 to 10 participants will sit at a table including a few speakers at each table.

1. The Session Chair moves to the podium, and opens the session.
He will give his introductory remarks on the theme of the session (5 minutes).
2. The Session Chair introduces and invites a Speaker to move to the podium.
Each Speaker gives a presentation (5 minutes each) without any slides or other visual materials.
3. After all the Speakers finish delivering their speeches, **the table discussion** will be started.
At each table, a Table Chair, voluntarily undertaken, is expected to facilitate and lead the discussion.
All participants should speak actively (about 30 minutes).
4. Then, each Table Chair will present a brief summary of the table discussion to the floor (2 minutes each).
5. After the Table Chair's summaries, the session will move to Q&A time (about 10 minutes).
6. After the Q&A period, the Session Chair will stand up and invite a commentator to move to the podium.
Each Commentator gives an observation on the discussion (5 minutes each).
7. The Session Chair then wraps up and ends the session.

Layout plan of conference room



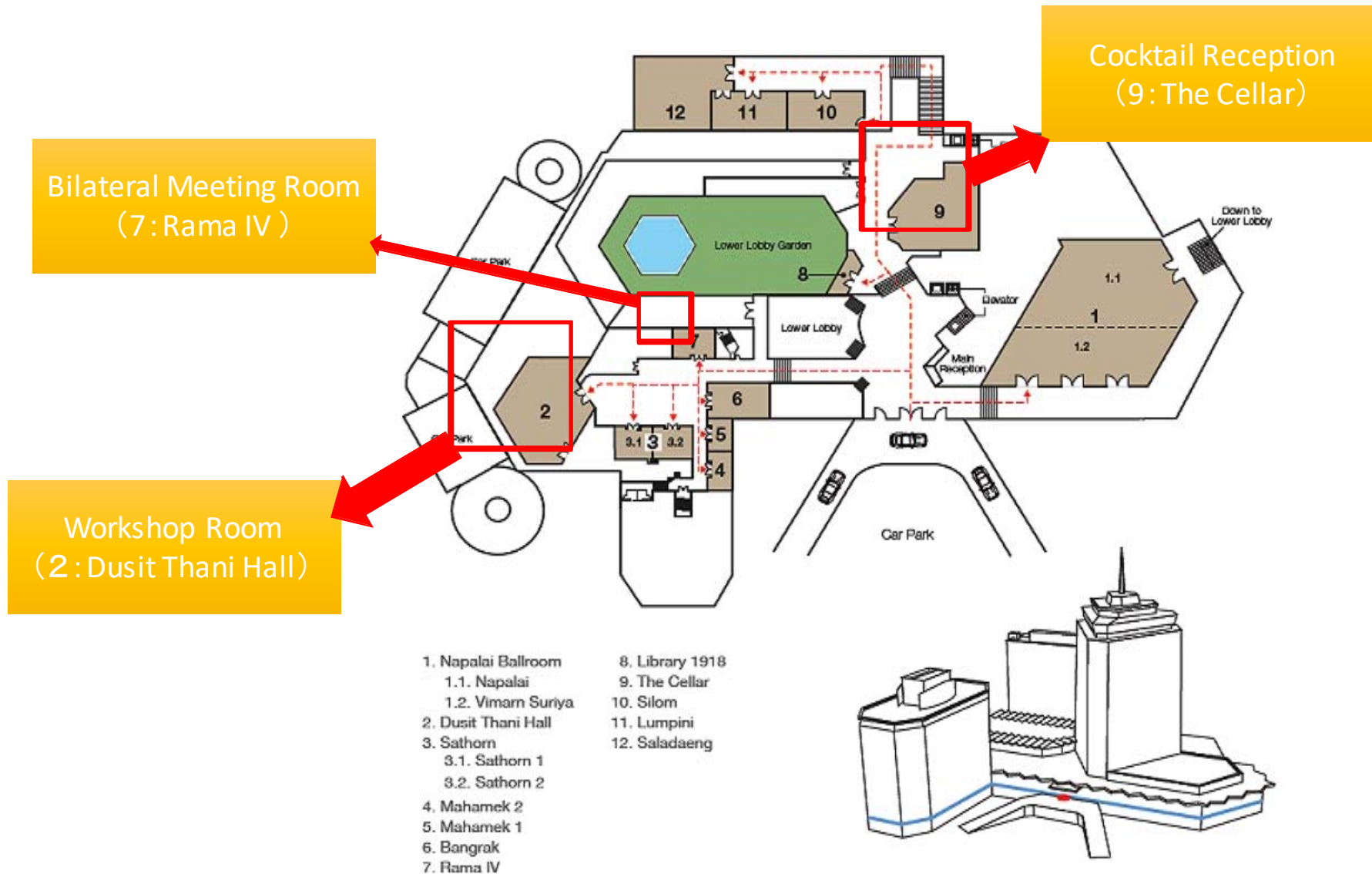
Venue

Dusit Thani Bangkok

Address: 946 Rama IV Road, Bangkok 10500,
THAILAND
Phone: +66 (0) 2200 9000,
Fax: +66 (0) 2236 6400
Email: dtbk@dusit.com
URL: <http://www.dusit.com/dusitthani/bangkok/>



Conferences & Meetings (continue)



Conferences & Meetings (continue)



Accommodation Rates

Room Type	Single	Double
Superior Room (35 sqm. without balcony at East Wing)	THB 3,500.-	THB 4,000.-
Deluxe Room (30 sqm. with balcony at Tower wing)	THB 4,000.-	THB 4,500.-
Dusit Room (60 sqm. with balcony at Tower wing)	THB 6,000.-	THB 6,500.-

Web link for reserving the room at Dusit Thani hotel

<http://www.dusit.com/ASEAN-JAPAN-STS-FORUM>

- Inclusive of full buffet breakfast
- Complimentary internet in room (Broadband use in room & Wi-Fi connecting public area)



Transportation

- **The Dusit Thani Bangkok is located just 45 kilometers from the Suvarnabhumi Airport.**

- Mercedes Benz S Class (available for 1-3 persons) THB 2,500.- /car/one way
- Mercedes Benz Vito Van (available for 4-5 persons) THB 3,000.- /car/one way

Rates are inclusive of VAT (subject to change based on prevailing Government regulation and 10% service charge.)
The hotel reserve the right to adjust the applicable VAT and/or tax according to any change in the government tax law or tax structure.

- **Public Transportation**

- **Subway (Silom Station) and Sky train (Saladeang Station)** is hotel door step and the most convenience to connect with the world class and famous shopping areas
- **The express way to the airport** is located only 5 minutes away from the hotel.



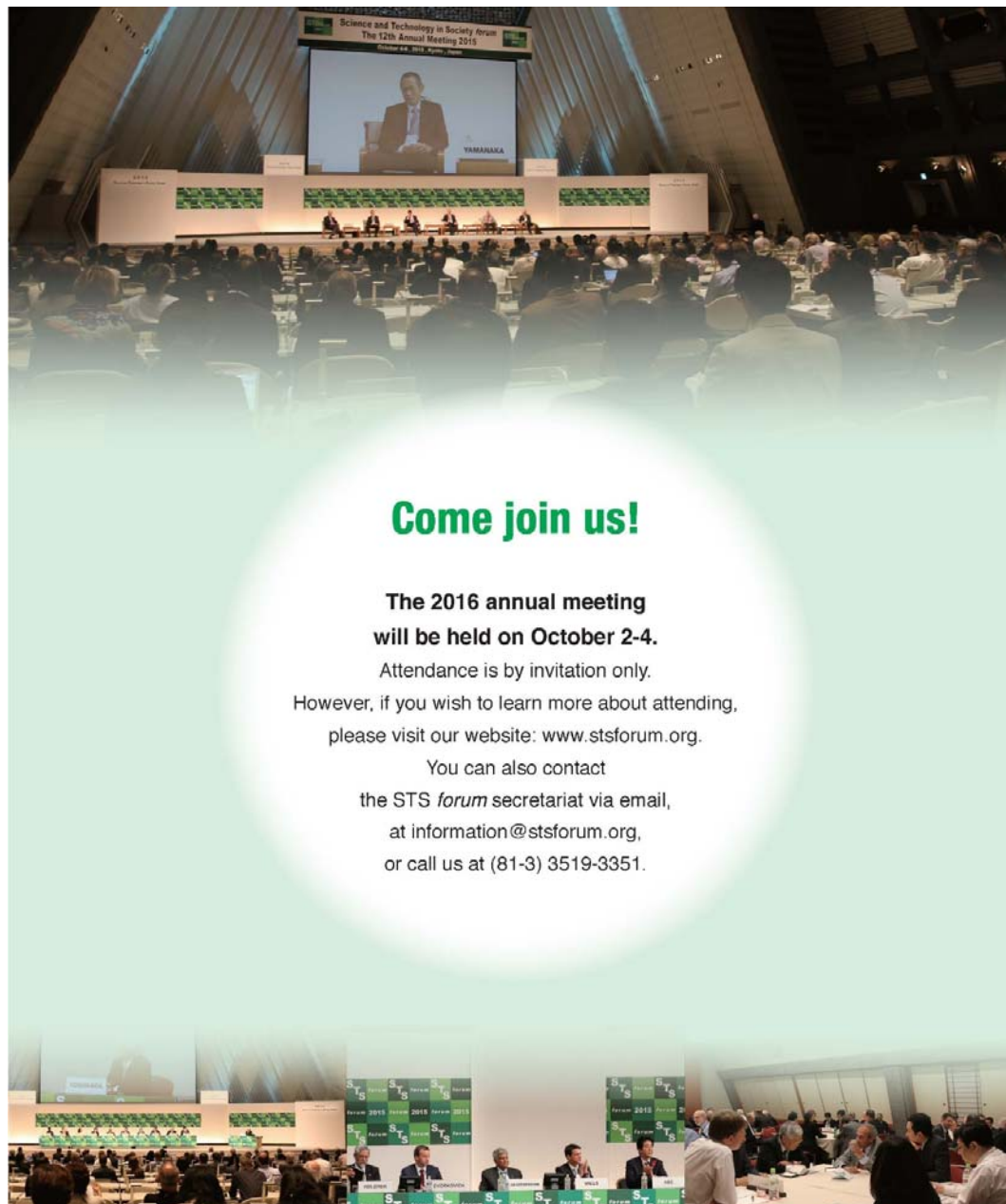
Inquiries

ABOUT PARTICIPATION

- Participation fee will be waived.
- Participants are requested to make their travel arrangements to the venue.
- Please note that we request all speakers/participants to cover their own travel and accommodation expenses.
- All sessions are conducted in English.

REGISTRATION

- Registration to be made online. It would be highly appreciated if you could register our official website as described below.
https://reg.stsforum.org/mypage/login.php?t=WB16_we4eb
- The ID and Password will be sent in a separate email.(If you return a reply form.)
- Registration deadline: **May 10, 2016.**



Come join us!

**The 2016 annual meeting
will be held on October 2-4.**

Attendance is by invitation only.

However, if you wish to learn more about attending,
please visit our website: www.stsforum.org.

You can also contact
the STS *forum* secretariat via email,
at information@stsforum.org,
or call us at (81-3) 3519-3351.