

RITE to hold the 11th International Conference on Greenhouse Gas Control Technologies (GHGT-11) in Kyoto

Outline:

The Research Institute of Innovative Technology for the Earth (RITE) will host the 11th Greenhouse Gas Control Technologies Conference as the local organizer in cooperation with the IEA Greenhouse Gas R&D Programme (IEAGHG) at the Kyoto International Conference Center, Japan from 18th November to 22nd November 2012.

The GHGT-11 conference focuses its attention on greenhouse gas mitigation technologies, especially CO₂ Capture and Storage (CCS), and IEAGHG acts as the guardian for the conference. IEAGHG was established as an Implementing Agreement under the International Energy Agency (IEA) and RITE participates in this Programme as a member of its Executive Committee, representing Japan.

In the conference, 300 oral presentations, 6 discussion panels and 600 posters are scheduled and 1,200 to 1,300 experts are expected to participate from 52 countries. The event will be the largest of its kind among international conferences where leading researchers and experts in the area of CCS attend from the world.

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Since its inception in Amsterdam in 1992, the GHGT conference series rotates between North America, Europe and Asia and this will be the first visit to Japan in a decade by the conference after the GHGT-6 was held in Kyoto in 2002.

This upcoming 11th conference will be a great opportunity to discuss mainly CCS technologies under a theme of “CCS, Ready to Move Forward” and will be also a very meaningful event for Japan as a large-scale CCS demonstration project has just been started in Tomakomai, Hokkaido.

In “The 2012 edition of Energy Technology Perspectives (ETP2012)” , IEA presents their view on CCS as “Carbon capture and storage remains critical in the long term” to achieve the 2 Degrees Scenario (2DS) target.

The conference draws the highest attention from leading experts around the world and is designed for them to discuss not only technical works, but also a wide range of issues including regulations, government supports and commercial deployment of CCS.

The conference programme comprises plenary sessions with global keynote speakers and parallel technical sessions, in which both oral and poster presentations are delivered.

The keynote talks will be given by nine speakers including Mr. Atsutoshi Nishida, Chairman of the Board, TOSHIBA, Mr. Brad Page, CEO, Global CCS Institute, and Dr. Jay Braitsch, Senior Advisor, Office of Fossil Energy USDOE .

During the technical sessions, 300 oral presentations, 6 discussion panels and 600 posters are to be presented.

The Final Panel Session on the last day will be an opportunity to discuss the future of countermeasures against global warming, including CCS with a theme of “As a Countermeasure to Global Warming - Best Mix on Energy Portfolio and Enhancing International Cooperation” .

In this five-day conference, 1,200 to 1,300 are expected to participate from 52 countries. The event will be the largest of its kind among international conferences where leading researchers and experts in the area of CCS attend from the world.

Attachment: GHGT-11 Programme

-Media contact -

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GHGT-11 - 11th International Conference on Greenhouse Gas Control Technologies -

1. Date : Sunday 18th- Thursday 22nd November 2012
 2. Venue: Kyoto International Conference Center & Hotels in Kyoto
 3. Organisers: RITE & IEAGHG (IEA Greenhouse Gas R&D Programme)
 4. Theme: **CCS, Ready to Move Forward**
 5. Overall Programme:
- <1>Plenary Sessions:**

Programme Overview (3 Types)

	Sun. 18th Nov.	Mon. 19th Nov.	Tues. 20th Nov.	Wed. 21st Nov.	Thurs. 22nd Nov.
AM		A	A B	A B	A B
PM		B	B B	B B	B B
Night	C				A

A: Plenary Sessions, B: Technical Sessions, C: Social Programme

Monday 19th November, 9:30-11:00

- 1) “*Aiming for true harmony between energy and the environment*”
Mr. Atsutoshi Nishida, Chairman of the Board, TOSHIBA
- 2) “*International progress on CCS: current status and recommendations for the future*”
Mr. Brad Page, CEO, Global CCS Institute
- 3) “*CCS Projects are Becoming Reality - the USA Demonstration Program*”
Dr. Jay Bratsch, Senior Advisor for Strategic Planning, USDOE

Tuesday 20th- Thursday 22nd November, 8:30- 9:20

- Tuesday: “*A global vision for CCS – revisiting the IEA CCS Roadmap*” Mr. Juho Lipponen, IEA
 “*The global gas supply revolution– Scale, cost and the implications for CCS*” Dr. Francis O’Sullivan, MIT
- Wednesday: “*GHGT101: Carbon Storage in Japan*” Prof. Kozo Sato, the University of Tokyo
 “*Deployment of CO₂ Capture Technology in Energy Intensive Industry- Challenges Ahead: A Case Study for the Steel Industry*”
 Mr. Henk Reimink, World Steel Association
- Thursday: “*Overview and recent developments on CO₂ transport infrastructure*” Mr. Chris Hendriks, Ecofys
 “*Beyond Kyoto – More Effective Framework for Climate Change*” Dr. Keigo Akimoto, RITE

Final Panel Discussion: Thursday 22nd November, 14:00-15:30

- <Theme> As a Countermeasure to Global Warming – Best Mix on Energy Portfolio and Enhancing International Cooperation
 <Chair> Prof. Kenji Yamaji, Director-General, RITE
 <Panelists>
- 1) Mr. Juho Lipponen, Head of Carbon Capture & Storage Unit, IEA
 - 2) Dr. James A. Edmonds, Laboratory Fellow and Chief Scientist, Joint Global Change Research Institute, PNNL, USA
 - 3) Dr. Jiang Kejun, Director for Energy System Analysis and Market Analysis Center, Energy Research Institute, CHINA
 - 4) Prof. Takeo Kikkawa, Graduate School of Commerce and Management, Hitotsubashi University, Japan
 - 5) Mr. Yoshiharu Tachibana, Research Advisor, Central Research Institute of Electric Power Industry, Japan



GHGT-11

- 11th International Conference on Greenhouse Gas Control Technologies -

<2> Technical Sessions

11 Technical Sessions, each to comprise 6 Oral presentations and a Panel Discussion.
Approx. number of Oral presentation 300/ Panel Discussion 6, Poster Sessions 2 (approx. 600 posters to be posted)

		A	B	C	D	E	F	G
Mon. 19 th Nov.	11:30-12:50	Storage Capacity	Post-Combustion: Solvent Pilots	Negative CO ₂	Technology Assessment I: Cost and Risk	Techno-Economic Comparisons	Wellbore Integrity	Industrial sources
	14:10-15:30	CO ₂ Injectivity	Post-Combustion: Solvent Alternatives	Demonstration Projects: Storage	Technology Assessment II: Operational Flexibility	Membranes	Modelling: Nanoscale to Core Scale	Industrial sources
	16:00-17:20	Environmental Impacts	Post-Combustion: Two-Phase Solvents	Demonstration Projects: US Regional Carbon Sequestration Partnerships	Panel Discussion	Enhanced Hydrocarbon Recovery I	Modelling: Managing Uncertainty	Commercial Issues
Tues. 20 th Nov.	09:30-10:50	Experiences and Case Studies	Post-Combustion: Environment Characterisation	Demonstration Projects: Policy Related Issues	Panel Discussion	Enhanced Hydrocarbon Recovery I	Monitoring: Pressure Methods	Retrofitting
	11:20-12:40	Monitoring: Demonstration and Pilot Projects	Post-Combustion: Modelling	Demonstration projects: Capture and Transport	Panel Discussion	Post-Combustion: Environmental Nitrosamine	Reservoir Engineering: Multi-Phase Flow of CO ₂ and Brine	Transport & Infrastructure
Wed. 21 st Nov.	15:40-17:20	Site Characterisation and Selection	Sorbent systems	Demonstration Projects: Post-Combustion Capture	Panel Discussion	Oxy-Combustion: Combustion fundamentals	Legal & Regulatory	Transport & Infrastructure
	09:30-10:50	Trapping Mechanisms: Case Studies	Post-Combustion: Environmental Aerosol	System Integration I: Power Systems	Panel Discussion	Capture Pre-Combustion: Process	Monitoring: Geochemical Methods	Policy: Emissions Trading
	11:20-12:40	Risk Assessment and Management I	Post-Combustion: Advanced Solvents	System Integration II: Infrastructure	Panel Discussion	Novel Systems	Monitoring: Geophysical Imaging	Education
Thu. 22 nd Nov.	15:40-17:20	Reservoir Engineering: Pressure Management	Chemical Looping	Policy: Other	Public Perception: communication activities and experiences	Oxy-Combustion: CO ₂ Processing unit	Trapping Mechanisms: Geochemical	Transport & Infrastructure
	09:30-10:50	Risk Assessment and Management II	Post-Combustion: Contractors	Emerging Technologies	Public Perception: social science research	Pre-Combustion: Technology	Trapping Mechanisms: Capillarity and Heterogeneity	Other Underground Storage Options
	11:20-12:40	Modelling: Reservoir-Scale Flow and Transport	Post-Combustion: Fundamentals	OCS and Geothermal	Risk Management: Contingency Planning and Remediation	System Integration II: Other	Ex Situ Mineralisation of CO ₂	Oxy-Combustion: Large Scale Implementation

<Oral Sessions at a glance>

<3> Social Programmes

- 1) Welcome Reception: Sunday 18th November, 17:30-21:00 at the Hotel Granvia Kyoto
- 2) Conference Dinner: Wednesday 22nd November, 19:00-22:00 at the Westin Miyako Hotel Kyoto

<4> On-line Conference Registration

Until Thursday 15th November 2012 (JST) : Delegates JPY110,000, Student JPY45,000



GHGT-11

11th International Conference on
Greenhouse Gas Control Technologies

18 - 22 November 2012

Kyoto International Conference Center - Japan

GHGT-11: Guidelines for the Press

1. DATE:

Monday, Nov. 19-Thursaday, Nov. 22, 2012

2. VENUE:

Kyoto International Conference Center (Takaragaike, Sakyo-ku, Kyoto, 606-0001 JAPAN)

3. GUIDELINES FOR THE PRESS:

PRESS ROOM:

The press room, Room F, is located on the 1st floor of the venue, that is the first room on your left side after passing the main entrance. Internet access through both LAN and Wifi are available. Please bring your own PC. FAX and photocopy machines are not provided in this room. The business center on the 1st floor provides these services at a small charge.

The press room will be open as follows:

Monday, Nov. 19	07:45-17:20
Tuesday, Nov. 20	08:00-17:20
Wednesday, Nov. 21	08:00-17:20
Thursday, Nov. 22	08:00-16:00

NOTE:

Written press will receive full access to the Welcome addresses & Keynote talks, Plenary Sessions, Final Panel Discussion, Closing Session, and the Technical Sessions including the Poster Sessions. With the exception of the Technical Sessions, English-Japanese simultaneous interpretation will be provided. Exhibition floor, the Banquet Hall SAKURA on the 1st floor, will also be open to the press.

Concerning the Technical Sessions, written press are required NOT to identify the speakers nor their affiliation when using the information received, in order to ensure honest discussions.

TV crew, cameras & filming will be allowed to film only on the occasions below, and NOT on the technical sessions:

Monday, Nov. 19	09:00-11:00	Welcome addresses & Keynote talks
Tuesday, Nov. 20	08:30-09:20	Plenary Session
Wednesday, Nov. 21	08:30-09:20	Plenary Session
Thursday, Nov. 22	08:30-09:20	Plenary Session
	14:00-15:30	Final Panel Discussion
	15:30-16:00	Closing Session





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Monday, Nov. 19	11:00-17:45
Tuesday, Nov. 20	08:00-17:45
Wednesday, Nov. 21	08:00-17:45
Thursday, Nov. 22	08:00-14:00

PRESS REGISTRATION:

All reporting press and technical staff who wish to cover the conference are requested to be registered to the local organiser by filling out the attached form and send it back by e-mail or FAX by 17:30JST Friday, Nov.16.

In principle, we will not accept the on-site press registration.

PRESS BADGES:

Badges will be issued at the press registration desk upon presentation of your ID with photo.

Registration:

Monday, Nov. 19	07:45-15:30
Tuesday, Nov. 20	08:00-15:00
Wednesday, Nov. 21	08:00-15:00
Thursday, Nov. 22	08:00-13:00

OTHERS:

By showing the issued press badge, you can take lunches and drinks during the coffee breaks in the same way as the delegates.

With this badge, you can also participate in the Welcome Reception on Sunday 17:30-21:00, Nov.18 at the Hotel Granvia Kyoto, and the Conference Dinner on Wednesday 19:00-22:00 at the Westin Miyako Hotel Kyoto, Nov.21, 2012, on the condition that you deal with the information you get during these two occasions off record.

For further information and registration, please contact:

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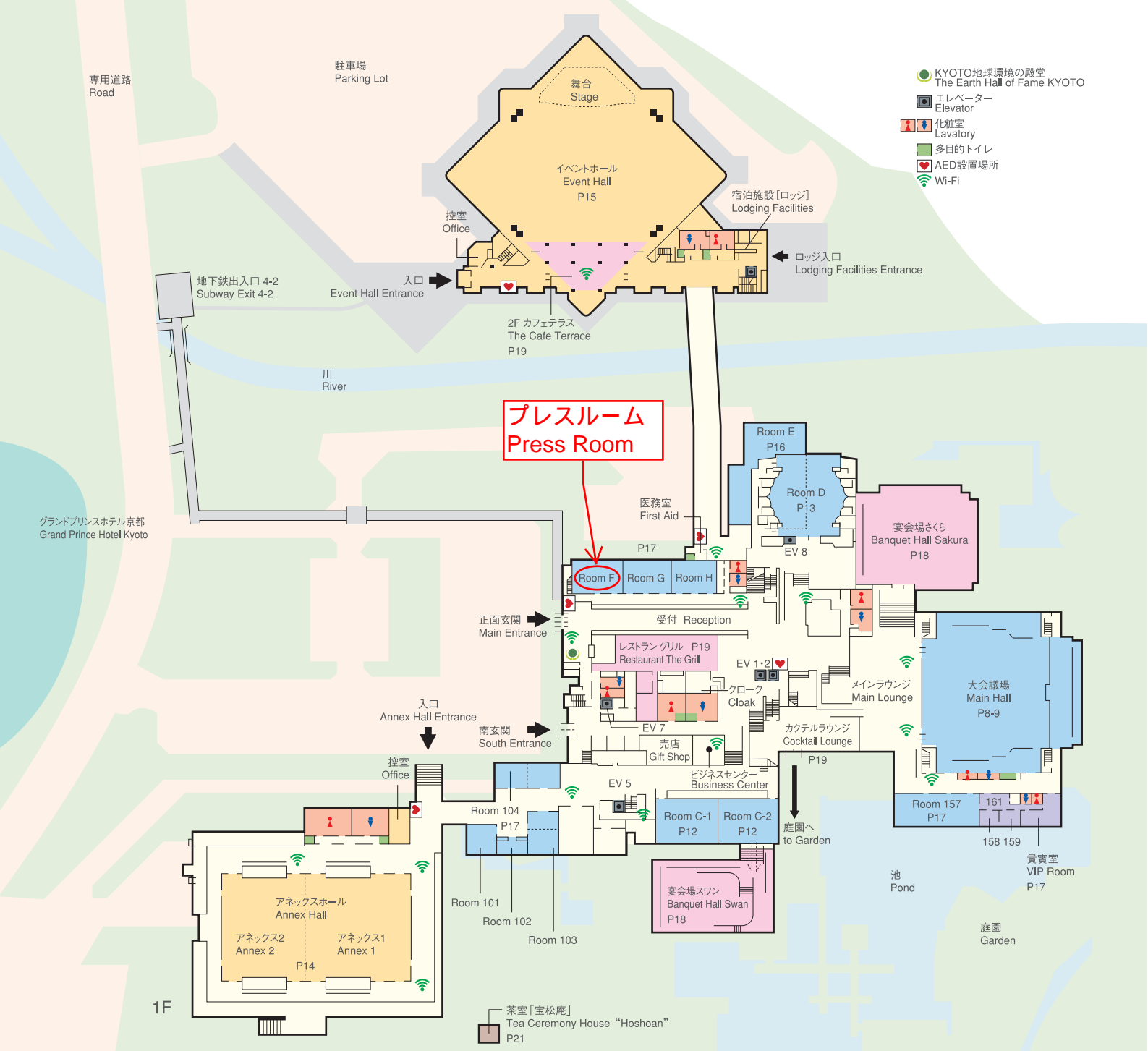
To Nami TATSUMI, RITE
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GHGT-11: Press Registration Form

Company Name	
Press Person's Name	
Style of the press Please tick either one of the right boxes	Written article only <input type="checkbox"/>
	With TV crew, camera & filming <input type="checkbox"/>
Number of TV crew, camera & filming	
TEL & FAX numbers	TEL: FAX:

Please fill out the form above and send this form back by e-mail or FAX
by 17:30JST Friday, Nov.16.





- KYOTO地球環境の殿堂 The Earth Hall of Fame KYOTO
- エレベーター Elevator
- 化粧室 Lavatory
- 多目的トイレ
- AED設置場所
- Wi-Fi

