The International Symposium
on
New Refrigerants and Environmental Technology
2016

- Latest Technology of Energy Conservation, New Refrigerants and Environment issue on Air conditioning and Refrigeration Equipment for lead up to the 21st Century -

(Ver.1)

December 1 - 2, 2016
International Conference Center Kobe, Main Hall
**Dates & Venue**

December 1 - 2, 2016  
International Conference Center Kobe  
6-9-1, Minatojima, Nakamachi, Chuo-ku, Kobe 650-0046 JAPAN  
Tel: +81-78-302-5200  Fax: +81-78-302-6485

**Organized and Sponsored by**

The Japan Refrigeration and Air Conditioning Industry Association (JRAIA)  
Address: Kikai Shinko Bldg. 201, 5-8, Shibakoen 3-chome, Minato-ku, Tokyo 105-0011, JAPAN  
Tel: +81-3-3432-1671  Fax: +81-3-3438-0308

**Co-sponsored by (Tentative)**

International Council of Air-Conditioning, Refrigeration, and Heating Manufacturers' Associations (ICARHMA)  
- Brazilian Refrigeration, Air Conditioning and Ventilation Industry Association (ABRAVA)  
- The Air-Conditioning, Heating, and Refrigeration Institute (AHRI)  
- Air Conditioning and Refrigeration Equipment Manufacturers Association of Australia (AREMA)  
- China Refrigeration and Air Conditioning Industry Association (CRAA)  
- The European Partnership for Energy and the Environment (EPEE)  
- European Committee of Air-Handling, Air-Conditioning and Refrigeration Equipment Manufacturers (EUROVENT)  
- Heating, Refrigerating and Air-Conditioning Institute of Canada (HRAI)  
- Korea Refrigeration Air-Conditioning Industry Association (KRAIA)

**In Cooperation with (Tentative)**

Association for Electric Home Appliances (AEHA)  
Heat Pump and Thermal Storage Technology Center of Japan (HPTCJ)  
Japan Lubricating Oil Society (JALOS)  
Japan Association of Refrigeration and Air Conditioning Contractors (JARAC)  
Japan Association of Refrigerated Warehouse (JARW)  
Japan Air Conditioning and Refrigeration Testing Laboratory (JATL)  
Japan Electrical Manufacturers’ Association (JEMA)  
Japan Fluorocarbon Manufacturers Association (JFMA)  
Japan Refrigerants and Environment Conservation Organization (JRECO)  
Japan Society of Refrigerating and Air Conditioning Engineers (JSRAE)  
Osaka Refrigeration and Air Conditioning Industry Association (ORAIA)

**Supported by (Tentative)**

Ministry of Economy, Trade and Industry (METI)  
Kobe City

**Languages**

The symposium will be conducted in English and Japanese with simultaneous interpretation.
# PROGRAM

## Day 1 - December 1 -

<table>
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<tr>
<th>Time</th>
<th>Session Description</th>
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<tr>
<td>08:00 - 09:00</td>
<td>Registration</td>
</tr>
<tr>
<td>09:00 - 10:30</td>
<td>Opening Address &lt;br&gt;1 Kobe City (TBA) &lt;br&gt;2 Shoji Tsukubota, Chairman of the board, JRAIA</td>
</tr>
<tr>
<td>10:30 - 10:40</td>
<td>Refreshment Break</td>
</tr>
<tr>
<td>10:40 - 12:10</td>
<td>Technical Session 1: Environmental issues &lt;br&gt;Moderator: Yutaka Ishii, Sanden Advanced Technology Corporation / Mizuno Hisao, Mitsubishi Heavy Industries. Ltd. &lt;br&gt;1.1 Dr. Stephen O. Andersen, Institute for Governance &amp; Sustainable Development (IGSD), United States  &lt;br&gt;The Importance of Japanese Leadership in Affordable Super-Efficient Room AC &lt;br&gt;1.2 Dr. Karim Armane, Air-Conditioning, Heating, and Refrigeration Institute AHRI, United States  &lt;br&gt;Trend of new refrigerant in the U.S.  &lt;br&gt;1.3 Andrea Voigt, The European Partnership for Energy and the Environment (EPFEE), Belgium  &lt;br&gt;The EU F-Gas rules &amp; the EPFEE Gapometer: Ways to achieve the Phase-Down in Europe  &lt;br&gt;1.4 Zhang Mingsheng, Ma Jinping, Hefei General Machinery Research Institute (GMPI), China  &lt;br&gt;Flammable refrigerant application status in China and the progress of national standards for the safety of refrigerating systems  &lt;br&gt;1.5 Makoto Kaibara, JRAIA, Japan  &lt;br&gt;The movement of adoption of new international standard for performance evaluation method on an energy conservation scheme in ASEAN countries</td>
</tr>
<tr>
<td>12:10 - 13:30</td>
<td>Lunch &amp; Poster Session</td>
</tr>
<tr>
<td>13:30 - 15:15</td>
<td>Technical Session 2: Compressors and Lubricants &lt;br&gt;Moderator: Hitoshi Takahashi, JX Nippon Oil &amp; Energy Corporation / Akira Hiwata, Panasonic Corporation &lt;br&gt;2.1 Raito Kawamura, Mitsubishi Electric Corporation, Japan  &lt;br&gt;A study on high efficiency compressor  &lt;br&gt;2.2 Hiroyuki Yoshida, Panasonic Corporation, Japan  &lt;br&gt;Fundamental study on oil mist separation in swirl flow  &lt;br&gt;2.3 Kentaro Yamaguchi, JX Nippon Oil &amp; Energy Corporation, Japan  &lt;br&gt;Development of polyol ester refrigeration oils for HFO refrigerants  &lt;br&gt;2.4 Rei Saito, Japan Sun Oil Company, Ltd., Japan  &lt;br&gt;Refrigeration oils and low GWP refrigerants to be studied for various applications of refrigeration and air conditioning devices  &lt;br&gt;2.5 So Nakajima, Idemitsu Kosan Co., Ltd., Japan  &lt;br&gt;Evaluation of power consumption of refrigeration oil for HFC refrigerator  &lt;br&gt;2.6 Joseph Karnaz, CPI Fluid Engineering, United States  &lt;br&gt;Lubricants and New Refrigerants: System Performance Needs</td>
</tr>
<tr>
<td>15:15 - 15:25</td>
<td>Refreshment Break</td>
</tr>
<tr>
<td>15:25 - 16:55</td>
<td>Technical Session 3: Safety of 2L Refrigerants 1 &lt;br&gt;Moderator: Hiroki Yamaguchi, Toshiba Carrier Corporation / Sachio Sekiya, Hitachi Ltd., Research &amp; Development Group &lt;br&gt;3.1 Eiji Hihara, The University of Tokyo, Japan  &lt;br&gt;Safety research and risk assessment of lower flammable refrigerants  &lt;br&gt;3.2 Kenji Takizawa, National Institute of Advanced Industrial Science and Technology (AIST), Japan  &lt;br&gt;Flammability characteristics of lower flammable refrigerants  &lt;br&gt;3.3 Tomohiro Higashi, The University of Tokyo, Japan  &lt;br&gt;Diesel combustion of oil and refrigerant mixture during pump down of air conditioners  &lt;br&gt;3.4 Tei Saburi, National Institute of Advanced Industrial Science and Technology (AIST), Japan  &lt;br&gt;Hazard assessment of the combustion of mildly flammable refrigerants  &lt;br&gt;3.5 Tomohiko Imamura, Tokyo University of Science, Suwa, Japan  &lt;br&gt;Physical hazard evaluation of A2L refrigerants assuming rapid leak accident from a VRF system</td>
</tr>
<tr>
<td>16:55-17:05</td>
<td>Refreshment Break</td>
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<td>Time</td>
<td>Event</td>
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<tr>
<td>17:05 - 18:45</td>
<td>Technical Session 4: Safety of 2L Refrigerants 2</td>
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<td></td>
<td>Moderator: Hiroichi Yamaguchi, Toshiba Carrier Corporation</td>
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<tr>
<td></td>
<td>Sachio Sekiya, Hitachi, Ltd., Research &amp; Development Group</td>
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<tr>
<td>18:45</td>
<td>Move to Portopia Hotel</td>
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<tr>
<td>19:15 - 21:15</td>
<td>Welcome reception at Room &quot;Kairaku&quot; Portopia Hotel (Main Building/ B1F)</td>
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</table>
Day 2 - December 2

08:30 - 09:00
Registration

09:00 - 10:30
**Technical Session 5 : Energy Conservation 1**
Moderator: Yujiya Ohnishi, Sharp Corporation / Shuji Fukano, Mayekawa Mfg Co., Ltd.

5.1 Hirokazu Tanaka, Sharp Corporation, Japan
**Battery connected DC hybrid air conditioner system**

5.2 Shuhei Tada, Hitachi-Johnson Controls Air Conditioning, Inc., Japan
**Energy-saving of VRF systems**

5.3 Takuya Kotani, Daikin Industries Co.,Ltd., Japan
**Development of high efficiency VRV systems**

5.4 Taku Iwase, Hitachi, Ltd., Japan
**Development of high efficiency fan system for outdoor unit of air-conditioner**

5.5 Takashi Miyakoshi, Osaka Gas Co., Ltd., Japan
**Development of Ultra - High - Efficiency GHP XAIR II**

10:30 - 10:40
Refreshment Break

10:40 - 12:10
**Technical Session 6: Energy Conservation 2**
Moderator: Yujiya Ohnishi, Sharp Corporation / Shuji Fukano, Mayekawa Mfg Co., Ltd.

6.1 Masahiro Ito, Mitsubishi Electric Corporation, Japan
**Development of air-cooled heat pump chiller ” DT-R”**

6.2 Jun Miyamoto, Mitsubishi Heavy Industries, Ltd., Japan
**High efficiency and compact centrifugal chiller**

6.3 Yukio Yamaguchi, Sanden Environmental Products Corporation, Japan
**Development of CO2-CO2 cascade refrigeration system for CVS**

6.4 Koji Naito, Hitachi-Johnson Controls Air Conditioning, Inc., Japan
**Performance evaluation of VRF system using low GWP refrigerants**

6.5 Konstantinos Kontomaris, The Chemours L.L.C., United States
**HFO-1336mzz(Z) as a Low GWP Working Fluid for Heating and Power from Low Temperature Heat: Thermodynamic and Transport Properties**

12:10 - 13:30
Lunch & Poster Session

13:30 - 15:00
**Technical Session 7 : New Refrigerants and Their System 1**
Moderator: Koji Yamashita, Mitsubishi Electric Corporation / Shigeharu Taira, Daikin Industries Co., Ltd.

7.1 Joshua Hughes / The Chemours L.L.C., United States
**Low GWP refrigerants for Chiller, Refrigeration and VRF: Thermodynamic and Transport Properties**

7.2 Samuel F. Yana, Honeywell International Inc., United States
**Low Environmental Impact Refrigerants for AC and Chiller Applications**

7.3 Masato Fukushima, Asahi Glass Co., Ltd., Japan
**Next Generation Low-GWP Refrigerants "AMOLEA®"**

7.4 Yang Yongsong, Arkema (China) Investment Co., Ltd., China
**Lowering GWP of refrigerants for residential AC and commercial AC**

7.5 Takashi Shibanuma, Daikin Industries Co., Ltd., Japan
**Challenges for practical use of next generation refrigerants for refrigeration**

15:00 - 15:10
Refreshment Break

15:10 - 16:40
**Technical Session 8 : New Refrigerants and Their System 2**
Moderator: Koji Yamashita, Mitsubishi Electric Corporation / Shigeharu Taira, Daikin Industries Co., Ltd.

8.1 1)Shigeru Koyama 1)Yukihiro Higashi 2)Akio Miyara 3)Ryo Akasaka
(1)Kyushu University/ 2) Saga University/ 3) Kyushu Sangyo University, Japan
**Fundamental research on next generation refrigerants for air conditioning systems - assessment of thermophysical properties, heat transfer characteristics and cycle performance -**

**Experimental evaluation for thermodynamic properties for low-GWP refrigerant HFO 1123**

8.3 Tsukasa Takayama, Toshiba Carrier Corporation, Japan
**Low GWP refrigerant for industrial high temperature water circulation type heat pump**

8.4 Naoyo Miyoshi, Mitsubishi Heavy Industries, Ltd., Japan.
**Centrifugal chiller using -123zd (E)**

8.5 Steve Kujak, Trane, United States
**Next generation refrigerants for Chillers**

16:40 - 16:50
Refreshment Break

16:50 -18:05
**Technical Session 9 : New Refrigerants and Their System 3**
Moderator: Koji Yamashita, Mitsubishi Electric Corporation / Shigeharu Taira, Daikin Industries Co., Ltd.

9.1 Dr. Karim Amrane / Dr. Xudong Wang, Air-Conditioning, Heating, and Refrigeration Institute (AHRI), United States
**Alternative refrigerant evaluation for high-ambient temperature environments**

9.2 Kiyoshi Saito, Waseda University, Japan
**Unified performance analysis simulator of refrigeration cycle using various refrigerants**

9.3 Tomoyuki Haikawa/ Tomoatsu Minamida/ Shigeharu Taira, Daikin Industries Co., Ltd., Japan
**Development of air conditioner using next generation refrigerant**

9.4 Takumi nishiyama, Mitsubishi Electric Corporation, Japan
**Development of air-conditioner for a low GWP refrigerant**

18:05 - 18:15
Closing Remarks
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<th>New Energy and Industrial Technology Development Organization (NEDO)</th>
<th>Development project for refrigerants with low GWP in air conditioning systems</th>
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<td>Japan Refrigerants Environment Conservation Organization (JRECO)</td>
<td>Refrigerant management system (Processing center)</td>
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<td>Japan Association of Refrigeration and Air-Conditioning Contractors (JARAC)</td>
<td>Education of the prevention of refrigerant leak technology improvement</td>
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<td>Asada Corporation</td>
<td>The latest method of minimal leakage detecting and prevention</td>
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<td>Dengen co., Ltd.</td>
<td>Automotive A/C service tools for R1234yf</td>
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<td>Icinen Tasco Co., Ltd.</td>
<td>Service tool for A2L refrigerant &amp; leak detector for natural refrigerant (Portable/Stationary/Built-in)</td>
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<td>Pro-Step Co., Ltd.</td>
<td>New mechanistic single manifold gauge / Freon Leak reduction type couplings</td>
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<td>Pro-Step Co., Ltd. / MK SEIKO CO., Ltd</td>
<td>Revolutionary new developed product powered by both axes compressor for variable refrigerant recycling</td>
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<td>Denso Corporation</td>
<td>Study on application of R404A alternative refrigerant to reefer refrigeration system</td>
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<td>Mayekawa Mfg. Co., Ltd.</td>
<td>Desiccant humidity unit using the CO2 heat pump</td>
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<td>Hitachi-Johnson Controls Air Conditioning, Inc.</td>
<td>Development of low temperature water driven double lift cycle absorption chiller</td>
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<td>Mitsubishi Heavy Industries. Ltd.</td>
<td>Multi-power source transport refrigeration unit corresponding to environmental issues</td>
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<tr>
<td>Hitachi-Johnson Controls Air Conditioning, Inc.</td>
<td>Air control technology of the room air-conditioner to balance the comfort with the energy-saving</td>
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<td>Daikin Industries Co., Ltd.</td>
<td>Development of micro channel heat exchanger for heat pump air-conditioner</td>
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<td>Fujitsu General Laboratories Ltd.</td>
<td>‘Innovative Smart Channels’ TM Heat Exchanger (ISC Heat Exchanger)</td>
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<td>Tokyo University of Marine Science and Technology</td>
<td>Condensation heat transfer and pressure drop of azeotropic mixture refrigerant R32/R1270 inside horizontal small- diameter tubes</td>
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<td>Fukuoka University</td>
<td>Oil effects on flow boiling heat transfer of refrigerant in an oval horizontal tube</td>
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<td>Daikin Industries Co., Ltd.</td>
<td>Reliability of Compressor using Improved Miscibility Refrigeration oil for R32 Refrigerant</td>
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<td>Kobe University/ Fuji Electric Co., Ltd.</td>
<td>Effect of refrigerant oil on critical flow rate characteristics of CO2 through an orifice</td>
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<td>Saga University</td>
<td>Measurement of viscosity and thermal conductivity of R1336mzz(Z)</td>
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<tr>
<td>FUSO co., Ltd.</td>
<td>The newest fluorocarbon leak measure and recovery of fluorocarbon, revival and destruction</td>
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## Special Poster Session

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<th>A2L Risk Assessment</th>
<th>Summary of risk assessment for lower flammable refrigerants</th>
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<td>Risk assessment of A2L Refrigerant committee, JRAIA</td>
<td>Risk assessment for A2L Refrigerant committee, JRAIA</td>
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<td>Mini-split risk assessment SWG(1), JRAIA</td>
<td>Risk assessment for residential air-conditioner using lower flammable refrigerants</td>
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<td>Mini-split risk assessment SWG(2), JRAIA</td>
<td>Risk assessment for Commercial Package air-conditioner using lower flammable refrigerants</td>
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<tr>
<td>VRF system risk assessment SWG, JRAIA</td>
<td>Risk assessment for VRF system using lower flammable refrigerants</td>
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<td>GHP risk assessment SWG, JRAIA</td>
<td>Risk assessment for GHP using lower flammable refrigerants</td>
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<td>Chiller risk assessment SWG, JRAIA</td>
<td>Risk assessment for Chiller using lower flammable refrigerants</td>
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<td>AC for facilities risk assessment SWG, JRAIA</td>
<td>Risk assessment for ACs for facilities using lower flammable refrigerants</td>
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<td>Commercial refrigerator risk assessment SWG, JRAIA</td>
<td>Risk assessment for Commercial Refrigerator using lower flammable refrigerants</td>
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## JRA 4068 - Refrigerant leak detector and alarm for air conditioning and refrigeration equipment -

<table>
<thead>
<tr>
<th>Asada Corporation</th>
<th>Refrigerant Leak Monitor &quot;Mihari&quot; corresponding JRA 4068</th>
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<tbody>
<tr>
<td>Fujikoki Corporation</td>
<td>Type LDY refrigerant gas leak detector</td>
</tr>
<tr>
<td>Figaro Engineering Inc.</td>
<td>Semiconductor gas sensor and module for refrigerant leak detector</td>
</tr>
<tr>
<td>New Cosmos Electric Co., Ltd.</td>
<td>Freon Detection &amp; Alarm System</td>
</tr>
<tr>
<td>Jikco Ltd.</td>
<td>“GAS Detector”</td>
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</table>

## PR Booth

<table>
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<tr>
<th>Minister of Economy, Trade and Industry (METI), Japan</th>
<th>TBA</th>
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<tr>
<td>JRAIA Safety Policy Subcommittee</td>
<td>Warning !! Don’t use undesignated refrigerants !!</td>
</tr>
<tr>
<td>Shecco Japan K.K.</td>
<td>TBA</td>
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For more information and registration, please visit our website at [http://www.jraia.or.jp/english/symposium/index.html](http://www.jraia.or.jp/english/symposium/index.html)
The Registration Secretariat

All inquiries related to this Symposium should be directed to:
JRAIA Symposium Registration Secretariat
c/o Kinki Nippon Tourist Co., Ltd.
Global Business Management Branch
Sumitomo-shoji Kanda-Izumi-Cho Bldg., 13F,
1-13 Kanda-Izumi-cho, Chiyoda-ku, Tokyo 101-0024, JAPAN
Tel: +81-3-6891-9354 Fax: +81-3-6891-9409
E-mail: jraia2016-gbm@or.knt.co.jp


*For advance registration, please send the “Registration and Hotel Application Form” to the secretariat and complete payment by October 31.

Registration Fee

| Early Bird Registration before Sep. 30, 2016 | ¥30,000 |
| After Oct. 1, 2016 or On-Site Registration | ¥40,000 |
| Welcome Reception | ¥10,000 |

Accommodation

*Rooms have been reserved at following hotels in Kobe.
*Deadline for hotel reservation: October 31
*Hotel reservations are processed on a first-come-first-served basis.
*Kobe Portopia Hotel, adjacent to the conference center is the main hotel for this Symposium.

<table>
<thead>
<tr>
<th>Name of Hotel</th>
<th>Single (for one person)</th>
<th>Deposit (Single)</th>
<th>Twin (for two persons)</th>
<th>Deposit (Twin)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1) Kobe Portopia Hotel</td>
<td>¥15,120</td>
<td>¥15,120</td>
<td>¥21,600</td>
<td>¥21,600</td>
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<td>(Check-in 3:00pm/Check-out 12:00pm)</td>
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<tr>
<td>2) Hotel Pearl City Kobe</td>
<td>¥11,880</td>
<td>¥11,880</td>
<td>¥19,440</td>
<td>¥19,440</td>
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<td>(Check-in 2:00pm/Check-out 11:00am)</td>
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<td>3) Ariston Hotel Kobe</td>
<td>¥11,500</td>
<td>¥11,500</td>
<td>¥18,000</td>
<td>¥18,000</td>
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<td>(Check-in 3:00pm/Check-out 10:00am)</td>
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<tr>
<td>4) Sannomiya Terminal Hotel</td>
<td>¥14,512</td>
<td>¥14,512</td>
<td>¥29,024</td>
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<td>(Check-in 3:00pm/Check-out 11:00am)</td>
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*Service charge, tax and breakfast are included.
*If all available rooms of your desired hotel are fully booked, you will be assigned to another hotel.
*One night room charge is required as deposit. (Please pay the rest of the accommodation fee at the hotel.)
**“Single” for Ariston Hotel Kobe is single occupancy of a twin room.

Payment

Please refer to Registration and Hotel Application Form.

Confirmation

A confirmation e-mail will be sent after October 31 to the applicants who have completed the payment. No reservation will be confirmed in absence of payment.

Change of Cancellation

Any change or cancellation notice must be made in writing to Registration Secretariat to prevent troubles.

[Registration] On or after October 1 or no notice given ................................. 100%
[Hotel] 20-8 days prior to check-in date .................................................. 20% of the room charge
7-2 days prior to check-in date ................................................................. 30% of the room charge
1 day before check-in date ........................................................................ 40% of the room charge
On the day of check-in date (before check-in time) .................................. 50% of the room charge
On the day of check-in date (after check-in time) or no notice given 100% of the room charge

Refunds

Refunds will be made after deducting bank and/or credit card service charges and the above cancellation penalties either during or after the Symposium. If payment was made by credit card, reimbursement will be made through the credit card company.
**Climate and Clothing**

The symposium will be held under the pleasant early winter weather, the temperatures ranging between a daytime high of 14°C (57°F) and a low of 8°C (46°F). Dress for all events will be informal.

**Passports and Visas**

Participants are requested to ensure possession of all essential travel documents. For details, please contact a local travel agent or the carrier for your own security.

**Exchange**

Foreign currency may be exchanged at banks at airport and around the symposium site. Most hotels are able to exchange from US dollar to Japanese Yen for their guests.

**Electrical Appliances**

Japan operates on 100-110 volts for electrical appliances. The frequency is 60 cycles (Hz) in western Japan including Kobe and 50 cycles (Hz) in eastern Japan including Tokyo.

**Shopping**

Saturdays and Sundays are major shopping days in Japan. All department stores and other shops are usually open until approximately 8:00 p.m.

**Travel Information Desk**

A travel Information Desk will set up in the registration area for those from overseas during the period.

**Access to Conference Hall**

Narita International Airport ------------------ Tokyo Sta. ------------------ Shin-Kobe Sta.
  Narita Express (60min. ¥2,820/¥3,020)       Shinkansen Line (170min.-195min.)

Narita International Airport ----------------------------------------------- Itami Airport
  Airline (80min.)

Shin-Kobe Sta. ------ Sannomiya Sta. ------ Shimin Hiroba Sta. (International Conference Center Kobe)
  Subway (3min. ¥210)       Portliner (10min. ¥250)

Shin-Kobe Sta. ------------------------------------------International Conference Center Kobe
  Taxi (about 15min. ¥1,500 - ¥2,000)

Kansai International Airport --- Sannomiya Sta. ------ Shimin Hiroba Sta. (International Conference Center Kobe)
  Airport Bus (75min. ¥1,950)       Portliner (10min. ¥250)

Kansai International Airport -----Kobe Airport ------Shimin Hiroba Sta. (International Conference Center Kobe)
  Bay Shuttle (30min. ¥1,850)       Portliner (8 min. ¥250)

Itami Airport ------- Sannomiya Sta. ------- Shimin Hiroba Sta. (International Conference Center Kobe)
  Airport Bus (40min. ¥1,050)       Portliner (10 min. ¥250)

Kobe Airport ------- Shimin Hiroba Sta. (International Conference Center Kobe)
  Portliner (8 min. ¥250)
Map of Kobe

1. Kobe Portpia Hotel
   - Adjacent to the Portliner Shimin Hiroba Station.
2. Hotel Pearl City Kobe
   - 2 min. walk from Portliner Naka Futo Station.
3. Ariston Hotel Kobe
   - 5 min. walk from Portliner Minatojima Station.
4. Sannomiya Terminal Hotel
   - 0 min. walk from JR Sannomiya Station.

ACCESS MAP to International Conference Center Kobe.

- JR Shin-Kobe Sta.
  - Shinkansen Line “Nakajima” or “Hikari” [170min. ~ 195min.]
  - Subway [3min. ¥210]
- JR Sannomiya Sta.
  - Portliner [10min. ¥250]
  - Airport Limousine Bus [75min. ¥1,950]
- Osaka (Itami) International Airport
  - Airline [80min.]
- Kansai International Airport
  - Airline [80min.]
- Narita International Airport
  - Airline [120min.]
- Tokyo Sta.
  - JR Line
    - Kita Express [2hr. 20min. ¥3,020]
  - Bay Shuttle (Ferry)
    - [50min. ¥1,000]

International Conference Center Kobe

Kobe Portpia Hotel

Shiminhiroba Sta.

Kobe Airport
Registration and Hotel Application Form

Registration and Hotel Application Form

Deadline for advance registration: **October 31, 2016**

JRAIA Symposium Registration Secretariat

c/o Kinki Nippon Tourist Co., Ltd.
Global Business Management Branch

Sumitomo-shoji Kanda-Izumi-cho Bldg 13F,
1-13 Kanda-Izumi-cho, Chiyoda-ku, Tokyo 101-0024, JAPAN

Tel: +81-3-6891-9354  Fax: +81-3-6891-9409  E-mail: jraia2016-gbm@or.knt.co.jp

PLEASE FILL IN BLOCK LETTERS:

*For online registration, please visit [http://www.jraia.or.jp/english/symposium/index.html](http://www.jraia.or.jp/english/symposium/index.html)

Title: □ Prof.  □ Dr.  □ Mr.  □ Ms.

Last Name: __________________________  First Name: __________________________

Organization: __________________________  Dept: __________________________

*Please do not abbreviate:

Mailing Address: (□Office  □Home) ____________________________________________

Tel: __________________________  Fax: __________________________  E-mail: __________________________

**Registration**

- □ Early Bird Registration (Before Sep. 30)  ¥30,000
- □ Registration after Oct. 1 or on-site  ¥40,000
- □ Welcome Reception (1 person)  ¥10,000
- □ Welcome Reception (2 persons)  ¥20,000

--- > Name of accompanying person: □Mr.  □Ms.  Last Name:________________________  First Name:________________________

**Total Registration Fee=¥_____________ (A)**

**Hotel Accommodations**

- □ (1) Kobe Portopia Hotel  □ Single  □ Twin --- > Please write the name of accompanying person below.
- □ (2) Hotel Pearl City Kobe
- □ (3) Ariston Hotel Kobe  If twin --- > □Mr.  □Ms.  Last Name:________________________  First Name:________________________
- □ (4) Sannomiya Terminal Hotel

Check-in date:______________  Check-out date:______________  for ______ night(s)

**Deposit (one night’s accommodation fee) =¥_____________ (B)**

**Total Amount**  (A)+(B) = ¥_____________

**Payment**

*Please make payment by October 31 either by bank transfer or credit card.

*Payment should be in Japanese yen and personal check is not acceptable.

□ **Bank Transfer**  
*Please note that remittance charge should be borne on your side.  *Please also send us a bank remittance copy.

□ **I have remitted (will remit) the total amount through __________________________ bank on __________________________ in Japanese yen to the following bank.**

Bank Name: Sumitomo Mitsui Banking Corp., Suzuran Branch
Account Name: Kinki Nippon Tourist Co., Ltd.
SWIFT Code: SMBCJPJT
Account Number: 6103610 (Ordinary account)

□ **Credit Card**  --- > I authorize the total amount to be charged to the following credit card.

Credit Card Company: □ VISA  □ MASTER  □ AMEX  □ DINERS  □ JCB

Card Number: |___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|___|

Expiration Date: _____________ (month) _____________ (year)

Card Holder’s Name: __________________________________________________________

Card Holder’s Signature: ________________________________________________  Date: __________________________

□ **Invoice** (For those who request an invoice, please write down the address of the invoice.

*A Receipt will be given to you at the registration desk on the conference day.

Address of the Invoice:________________________________________________________