



## 2nd Announcement of 2016 JSRAE Annual Conference

Organizer: Japan Society of Refrigerating and Air Conditioning Engineers  
Co-organizer: Graduate School of Engineering, Kobe University

September 6 - 9, 2016  
Kobe University (Rokkodai Campus, Kobe, JAPAN)

<https://nenji.jsrae.or.jp/nenji2016/en/index.html>

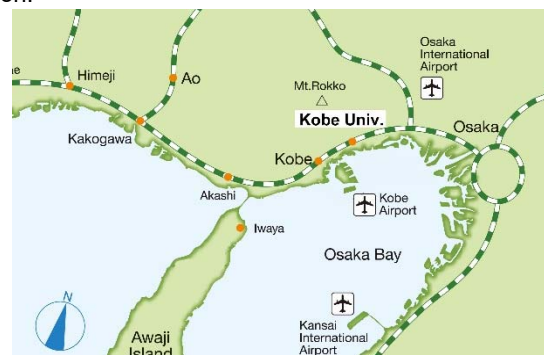
### CONFERENCE OUTLINE and SCOPES

For further strengthen the mutual educational and scholarly interests between Japan Society of Refrigerating and Air-Conditioning Engineers (**JSRAE**) and other regional air conditioning and refrigeration societies, this conference welcomes participants from all over the world especially from Asian region countries. Member of one society can attend at conferences and general meetings of the other society on the same basis as members of the other society. The **2016 JSRAE Annual Conference** presents a unique opportunity to network with key professionals dedicated to theories, experiments, simulations, databases, and applied aspects on all kinds of refrigeration and air conditioning systems. Attendees will include consulting engineers, design engineers, contractors, architects, manufacturers, researchers and academics from home and abroad. Organized sessions (OS), International Sessions (IS), workshops (WS) and seminars (SN) will be opened.

### VENUE

**Kobe University Rokkodai Campus, Kobe, Japan.** (Access: <http://www.kobe-u.ac.jp/en/access/>)

The City of Kobe is located to the west of center on the Mainland of Japan. It is accessible by land, sea, and air to domestic and international destinations. It takes 2 hours and 50 minutes to get to Tokyo by Shinkansen Bullet Train, and 1 hour and 20 minutes by plane. Ever since it was opened to the world, Kobe has developed as a cosmopolitan port city where people, goods, and information from around the globe are in constant motion.



### LANGUAGE

The **International Session (IS)** will be conducted in English. Although all the other sessions will be conducted in Japanese, English presentation **can be accepted** in all sessions.

### IMPORTANT DATES

April 1, 2016 (Fri) : Abstract submission starts  
May 20, 2016 (Fri) : Deadline of Abstract submission  
June 13, 2016 (Mon) : Final manuscript submission starts  
June 22, 2016 (Wed) : Early-bird registration starts  
July 25, 2016 (Mon) : Deadline of final manuscript submission  
August 5, 2016 (Fri) : Deadline of early-bird registration

## TECHNICAL SESSIONS and EVENTS

### Special Lecture

September 8 at Kobe University Centennial Hall (Rokko Hall)

### Ceremony and Commemorative Lecture

Ceremony and Commemorative Lecture for the 60th Anniversary of Refrigeration and air-conditioning Technologist and the 50th Anniversary of Food Refrigeration Technologist

September 8 at Kobe University Centennial Hall (Rokko Hall)

### Organized Sessions (OS)

- OS-1 Low Temperature Application and Technology for Food and Biological Materials
- OS-2 Refrigerating System towards Low-Carbon Societies
- OS-3 Performance Evaluation of Air-conditioners, Chillers and Heat Pump Water Heaters
- OS-4 Simulation Techniques for Air-conditioners, Chillers and Heat Pump Water Heaters
- OS-5 Desiccant/Humidity Control/Open Cycle Air Conditioning
- OS-6 Refrigerators/Heat Pumps Based on Absorption, Adsorption or Chemical Reactions
- OS-7 Heat and Mass Transport Phenomena with Solid-Liquid Phase Change
- OS-8 Present Status and Future Development of Compressors
- OS-9 Technological Development in Heat Exchangers
- OS-10 Thermophysical Properties of Refrigerants
- OS-11 Phenomena and Application Technology on Frost, Snow and Ice

### General Session (GS)

GS General Session

### International Session (IS)

IS Advancement in HVAC&R Technologies in Asia

### Workshops (WS)

- WS-1 Trends in Development of Heat Exchangers
- WS-2 Geothermal Heat Utilization in Shallow Layer
- WS-3 Cutting-Edge Technologies for Optimization of Heat Pump System
- WS-4 Present and Future Solid State Refrigeration and Heat Pump Technologies
- WS-5 Overview of Thermally Driven Heat Pumps and Heat Storage Technologies

### Seminar (SN)

SN-1 Seminar on Compressor Technology

### Banquet

September 8 at Kobe University Academia Hall

### Technical Tour

September 6 (TBD)

## ABSTRACT SUBMISSION

Abstract submission is accepted by **the abstract submission form** attached on this announcement. Please fill the form and send to the [jsrae16@jsrae.or.jp](mailto:jsrae16@jsrae.or.jp) until **20th May**. Abstract submission is also accepted by the official website in Japanese.

## PRESENTATION

All presentations are each speaker has 20 minutes for presentation including 5 minutes discussion.  
Keynote speaker has 40 minutes for presentation including discussion.

## EXECUTIVE COMMITTEE

Chair	Prof. Hitoshi ASANO	Kobe University, Japan
General Secretaries	Prof. Tsuyoshi KAWANAMI	Kobe University, Japan
	Prof. Ryosuke MATSUMOTO	Kansai University, Japan

## CONTACT

Official website: <https://nenji.jsrae.or.jp/nenji2016/en/index.html>

E-mail: [jsrae16@jsrae.or.jp](mailto:jsrae16@jsrae.or.jp)

## COOPERATED by

Japan Society of Energy and Resources, The Society of Chemical Engineers, The Society of Heating, Air-Conditioning and Sanitary Engineers of Japan, Japan Building Mechanical and Electrical Engineers Association, The High Pressure Gas Safety Institute of Japan, Energy Conservation Center, Japan, Cryogenics and Superconductivity Society of Japan, Japanese Society for Cryobiology and Cryotechnology, The Japan Institute of Energy, The Japan Society of Mechanical Engineers, The Institution of Professional Engineers, Japan, The Architectural Institute of Japan, The Japanese Society for Multiphase Flow, The Japanese Society for Food Science and Technology, Japan Society for Food Engineering, Japan Association of Food Preservation Science, The Japanese Society of Fisheries Science, Japan Solar Energy Society, Japanese Society of Animal Science, The Japan Society of Cookery Science, Heat Transfer Society of Japan, Japan Society of Thermophysical Properties, Japan Society for Bioscience, Biotechnology, and Agrochemistry, Heat Island Institute International, The Japan Refrigeration and Air Conditioning Industry Association, Japan Association of Refrigeration and Air-Conditioning Contractors, Japan Frozen Food Association, Heat Pump & Thermal Storage Technology Center of Japan, American Society of Heating, Refrigerating and Air-Conditioning Engineers(ASHRAE), Chinese Association of Refrigeration (CAR), Society of Air-conditioning and refrigerating engineers of Korea (SAREK), Taiwan Society of Heating Refrigerating and Air Conditioning Engineers(TSHRAE)

## ABSTRACT SUBMISSION FORM

Please fill the form and send to [jsrae16@jsrae.or.jp](mailto:jsrae16@jsrae.or.jp) until **20th May**.

Session (Please select the session from the following list.)					
Title					
Subtitle					
Author 1	Last Name		Author 4	Last Name	
	First Name			First Name	
	Affiliation			Affiliation	
Author 2	Last Name		Author 5	Last Name	
	First Name			First Name	
	Affiliation			Affiliation	
Author 3	Last Name		Author 6	Last Name	
	First Name			First Name	
	Affiliation			Affiliation	
Abstract (about 150 words)					
Keywords (within 5 words)					
Corresponding Author	Last Name				
	First Name				
	Affiliation				
	Address				
	E-mail				

### Session List

International Session (IS) [operated in English]

IS Advancement in HVAC&R Technologies in Asia

Organized Sessions (OS)

- OS-1 Low Temperature Application and Technology for Food and Biological Materials
- OS-2 Refrigerating System towards Low-Carbon Societies
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Presentation in Workshops (WS) and Seminar (SN) is by invitation only.