



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 **2017 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

Tamagawa University, 6-1-1 Tamagawagakuen Machida Tokyo, Japan. (Access <http://www.tamagawa.jp/en/access/>) The City of Machida is located in the western part of Tokyo. It takes about 30 minutes from Haneda airport to Machida and about 2 hours from Narita airport. Machida is bordered by Kanagawa Prefecture on the west, south, and east. It takes about 1 hour from Tokyo station by train, about 1 hour from Hakone, and about 50 minutes from Kamakura and Yokohama.



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 3, 2017 (Mon) : Abstract submission starts
- ~~May 19, 2017 (Fri)~~ ⇒ **Extended to June 15:** Deadline of Abstract submission
- June 12, 2017 (Mon) : Final manuscript submission starts
- July 10, 2017 (Mon) : Early-bird registration starts
- July 24, 2017 (Mon) : Deadline of final manuscript submission
- August 25, 2017 (Fri) : Deadline of early-bird registration

TECHNICAL SESSIONS and EVENTS

Special Lecture

September 28 at Tamagawa University Hall (Building No.4 on the map)

Organized Sessions (OS)

- OS-1 Technological Development in Heat Exchangers
- OS-2 Present Status and Future Development of Compressors
- OS-3 Refrigeration systems : The International Extension based on Diversity & Inclusion
- OS-4 Phenomena and Application Technology on Frost, Snow and Ice
- OS-5 Fundamentals and Application of Cooling by Boiling
- OS-6 Simulation Techniques for Air-conditioners, Chillers and Heat Pump Water Heaters
- OS-7 Performance Evaluation of Air-conditioners, Chillers and Heat Pump Water Heaters
- OS-8 Desiccant/Humidity Control/Open Cycle Air Conditioning
- OS-9 Refrigerators/Heat Pumps Based on Absorption, Adsorption or Chemical Reactions
- OS-10 Thermophysical Properties of Refrigerants
- OS-11 Low Temperature Application and Technology for Food and Biological Materials
- OS-12 Supercooling Phenomenon from Fundamentals to Applications
- OS-13 Heat and Mass Transport Phenomena with Solid-Liquid Phase Change
- OS-14 Deployment of Technology in Energy Storage, Energy Conservation, and Energy Creation

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 Frontier of heat pump system
- WS-3 Distributed Energy Systems with Technologies Utilizing Wasted Heat
- WS-4 Geothermal Heat Utilization in Shallow Layer

Seminar (SN)

- SN-1 Seminar on Compressor Technology
- SN-2 Refrigeration engineer seminar

Banquet

September 28 at Cafeteria Sakufu

Technical Tour

September 26 (Tue)

ABSTRACT SUBMISSION

Abstract submission is accepted by the abstract submission form attached on this announcement. Please fill the form and send to the jsrae17@jsrae.or.jp until 15th June. Abstract submission is also accepted by the official website in English.

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. Hidetoshi OHKUBO	Tamagawa University, Japan
General Secretaries	Prof. Niro NAGAI	Fukui University, Japan
	Prof. Katsuyoshi FUKIBA	Shizuoka University, Japan

CONTACT

Official website: <https://nenji.jsrae.or.jp/nenji2017/en/index.html>

E-mail: jsrae17@jsrae.or.jp

COOPERATED by (scheduled)

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)

2017 JSRAE Annual Conference

Organizer: Japan Society of Refrigerating and Air Conditioning Engineers

Co-organizer: Graduate School of Engineering

Tamagawa University September 26 - 29, 2017 Tamagawa University (Machida Campus, Tokyo, JAPAN)

<https://nenji.jsrae.or.jp/nenji2017/en/index.html> jsrae17@jsrae.or.jp

ABSTRACT SUBMISSION FORM

Please fill the form and send to jsrae17@jsrae.or.jp until 15th June.

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 Technological Development in Heat Exchangers
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Presentation in Workshops (WS) and Seminar (SN) is by invitation only.