February 27 (Tue.)

Special Speech
13:30～14:30
Coexistence of Architecture and the Environment: Endeavors for the Future
Architect, Tadao Ando

Keynote speech I
15:00～15:45
Japan’s Global Warming Policy
Director, Environmental Economy Office, Industrial Science and Technology Policy and Environment Bureau, Ministry of Economy, Trade and Industry, Akinori Kamei

Keynote speech II
16:00～16:45
Response to The Kigari Amendment to the Montreal Protocol and future measures in Japan
Deputy Director, Fluoride Gases Management Office, Manufacturing Industries Bureau, Ministry of Economy, Trade and Industry, Kazuma Ohtani

February 28 (Wed.)

Keynote speech III
11:00～12:00
Technological Innovations for Long-term Strategy to Cope with Global Warming
Senior Research Fellow, The Canon Institute for Global Studies, Mr. Taishi Sugiyama

General and Special lecture

March 1 (Thu.)

Lecture ①
11:00～11:45 3F 303
The global air conditioner market overview: Where do the growth opportunities lie?
Senior Analyst, Research, Euromonitor International, Hiromi Yamaguchi

Lecture ④
13:00～13:45 2F 201
About deregulation of high pressure gas safety act
Senior Manager, Engineering Department, The Japan Refrigeration and Air-Conditioning Industry Association, Kenji Matsuda

Lecture ⑤
14:00～14:45 2F 201
Current situation and prospects of refrigerants in AC&R
Senior Researcher, Research Institute for Sustainable Chemistry, National Institute of Advanced Industrial Science and Technology (AIST), Kenji Takizawa

Lecture ⑥
15:00～15:45 2F 201
Renewable Energy Engineering toward the decarbonized society
Executive Research Engineer, Technical Research Institute, Kajima Corporation, Masaki Shioya

Lecture ⑦
11:00～11:30 3F 303
Development of remote service “ENESINFO” for optimum control of hybrid VRF “SMART MULTI”
Manager, Solution Technology Dept., TOKYO GAS CO., LTD., Ken Yasuda

March 2 (Fri.)

Lecture ⑧
11:00～12:00 2F 201
Act on Rational Use and Proper Management of Fluorocarbons notices and industry efforts
Deputy Secretary General, Japan Association of Refrigeration and Air-Conditioning Contractors, Tsutomu Osawa

Lecture ⑨
11:00～12:00 3F 303
Trends in the near future of renewable energy utilization technology “heat pump”
Manager, Division, Heat Pump & Thermal Storage Technology Center of Japan, Takuo Soga

Lecture ⑩
13:00～13:45 3F 303
The current situation and future direction of the performance tests for Heat Pump Water Heater
Executive Director, Japan Air Conditioning And Refrigeration Testing Laboratory, Tomoyoshi Takeda
Testing Dept. Manager, Japan Air Conditioning And Refrigeration Testing Laboratory, Shunsuke Itouga
February 28 (Wed.)

**Special Events**

13:00~13:40
Latest situation of HFC phase-down of RACHP after Kigali amendment in Thailand

Secretary General, The Federation of Thai Industry, Mr. Pawakiat Keratichawan

13:40~14:20
The progress of refrigerant substitution in China RACHP industry after Kigali Amendment

Deputy Secretary General, China Refrigeration and Air-conditioning Industry Association, Mr. Chen Jingliang
Deputy Director of Technical & standard Dept., China Refrigeration and Air-conditioning Industry Association, Ms. Wang Ruonan

14:20~15:00
Achieving the HFC phase-down in Europe -The EPEE Gapometer: Roadmap and Reality-

Director General, The European Partnership for Energy and the Environment, Ms. Andrea Voigt

15:00~15:40
Manageable Concerns with refrigerant transition -challenges and opportunities

President and CEO, Air-conditioning, Heating, and Refrigeration Institute, Mr. Steve Yurek

15:40~16:20
The future of refrigerants in Australia—Current trends and the implications of the Kigali Amendment-

Executive Director, Refrigerants Australia, Dr. Greg Picker

16:20~17:00
challenges and responses in HVAC sector in Japan

President, The Japan Refrigeration and Air Conditioning Industry Association, Tetsuji Okada

March 1 (Thu.)

**Special Events**

13:00~16:00
The Seminar of Technology Award

Japan Society of Refrigerating and Air Conditioning Engineers

March 2 (Fri.)

**Special Events**

11:00~11:30
Thermal Management & Environmental Conservation Materials

Advanced Technology Research & Development Center Research & Innovation Promotion Headquarters, Hitachi Chemical Co.,Ltd., Tatsuya Makino

13:00~13:45
Ascertaining Building Energy Efficiency in Singapore

ebm-papst SE&A Pte Ltd., Technical Director, Cansten Ehlsner

14:00~14:45
The cleaning robot is required for The global warming.

Technical advisor, Nichiryo Intelligence Co., Ltd, Masaharu Takaki