

Special Speech / 2F 201

February 27 (Tue.)

Special Speech 13:30~14:30

Coexistence of Architecture and the Environment : Endeavors for the Future

Architect,
Tadao Ando



Photo by Keitaku Hayashi

Keynote speech / 2F 201

February 27 (Tue.)

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

February 28 (Wed.)

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 ② 16:00~16:45 3F 303

The Trends of BACS/BENS toward IoT

President, TOYODA SI PE Consultant, Takeji Toyoda



March 1 (Thu.)

Lecture ③ 11:00~11:45 2F 201

Heat Pump/Hot Water/Air Conditioner Market Forecast

Assistant Manager, Tokyo Marketing Div, Fujikeizai CO., LTD., Kohei Shimizu



March 2 (Fri.)

Lecture ④ 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 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 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 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 ⑩ 13:00~13:45 2F 201

Refrigerant Management System useful to follow the Act on Rational Use and Proper Management of Fluorocarbons and its effective utilization

Manager, Information System Department, Japan Refrigerants and Environment Conservation Organization, Hideyuki Toyama



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 ⑪ 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 Takeuchi

Testing Dept. Manager, Japan Air Conditioning And Refrigeration Testing Laboratory, Shunsuke Itonaga



Special Events : World regulation trend after Kigari Amendment / 2F 201

February 28 (Wed.)

Special Events 13:00~13:40

Latest situation of HFC phase-down of RACHP after Kigari amendment in Thailand

Secretary General, The Federation of Thai Industries,
Mr. Pawakiat Keraticheewanun



Special Events 13:40~14:20

The progress of refrigerant substitution in China RACHP industry after Kigari 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



Special Events 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



Special Events 15:00~15:40

Manageable Concerns with refrigerant transition -challenges and opportunities

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



Special Events 15:40~16:20

The future of refrigerants in Australia-Current trends and the implications of the Kigari Amendment-

Executive Director, Refrigerants Australia,
Dr. Greg Picker



Special Events 16:20~17:00

challenges and responses in HVAC sector in Japan -legislation trends for global warming reduction, challenges and responses in HVAC sector in Japan.-

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



Regular event / 3F 303

March 1 (Thu.)

Regular event 13:00~16:00

The Seminar of Technology Award

Japan Society of Refrigerating and Air Conditioning Engineers

Japan Electro-Heat Center Seminar on industrial waste heat utilization / 3F 303

February 28 (Wed.)

Seminar 13:00~13:30

Over View Of Waste heat recover in Factory

General Manager, operations department, Japan Electro-Heat Center,
Kazushige Inoue



Seminar 13:30~14:00

The introduction of the new Hot Wind Generator Heat Pump and the utilization method. -"Neppu-ton" Hot Wind Generator Using High-efficiency Air to Air Heat Pump and the introduction example.-

Manager, Heat Pump Designing Group,
MITSUBISHI HEAVY INDUSTRIES THERMAL SYSTEMS, LTD., Shigeru Yoshida



Seminar 14:00~14:30

《Engineering 1》 The several application case of the heat recycle system using the heat pump (in medical, food, printing factory)

Manager, Industry Solution Sales Division 1, Nippon Electric Co., Ltd.,
Atsushi Fukasawa



Seminar 14:30~15:00

《Engineering 2》 The several application case of the heat recycle system using the heat pump (in machine, food, medical factory)

General Manager, Engineering Dept. Engineering Div.,
KIMURA CHEMICAL PLANTS CO., LTD., Hiroshi Matsuo



Seminar 15:00~15:30

《Heat exchanger》 The several application case of the heat recycle system using the heat exchanger

CEO, MDI CO., LTD.,
Kenji Iwasawa



Exhibitor's Presentation / Special Exhibition Corner

February 28 (Wed.)

11:00-11:30

The great effectiveness water treatment of cooling water

Cooling water treatment section, Technology department I, Kurita Water Industries LTD.,
Takaya Hisamatsu

March 1 (Thu.)

10:30-11:00

New Humidity Measurement by TDLAS.

R&D DIVISION INSTRUMENT DEPT. MANAGER, SHINYEI TECHNOLOGY CO., LTD.,
Shinichi Honda

15:00-15:45

STATE-OF-THE ART CENTRIFUGAL FANS FOR AHUS

ebm-papst Mulfingen GmbH&Co.KG
Head of Market Management Ventilation and Air-conditioning, Uwe Sigloch

16:00-16:30

New refrigerant centrifugal chillers and refrigerant trend

Sales Director, Strategic Account, New Product Launch and Training,
Trane Japan, Ltd., Kazumi Matsumura

March 2 (Fri.)

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 SEA Pte.Ltd, Technical Director,
Carsten Ederer

14:00-14:45

The cleaning robot is required for The global warming.

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