

AHPNW Tokyo Workshop

Purpose

- Measures to cope with Global Warming is a global trend. The correspondence for Asia area that has big potential for the increase of energy consumption is urgent necessity.
- Urgent shift to utilization of Heat Pump system combined with renewable energy such as solar thermal or high efficiency combustion boiler.
- From a point of view called the withdrawal from combustion apparatus, Heat Pump hot water heater that does not spread in an Asian area should be focused. Seeding for the promotion and spread of Heat Pump water heater in Asian area.

Workshop Date : October 30-31, 2017 Place: Kokusai Fashion Center

Part1: 15:00-17:55 30th October, 2017 “ Workshop 1”

Timetable	Speaker
15:00~15:10	<u>Greetings from a sponsor</u> Hiroshi Komiyama, Chairman, Heat Pump and Thermal Storage Technology Center of Japan
15:10~15:30	<u>Keynote Lecture I</u> : Mr. John Dulac, International Energy Agency -Measures to cope with Global Warming, Necessary actions for Asia area
15:30~15:50	<u>Keynote Lecture II</u> : Mr. Thomas Nowak, Executive Director, EHPA - Definition of Heat Pump usage as the renewable energy, policy development about heat pump system in Europe, position of Heat Pump in all renewable energy
15:50~16:10	<u>Keynote Lecture III</u> : Mr. Cooper Zhao, Executive Director, CHPA - Definition of Heat Pump usage as the renewable energy, policy development about heat pump system in China, position of Heat Pump in all renewable energy
16:10~16:30	<u>Keynote Lecture IV</u> : Ph.D. Jun Young Choi, KTL - Definition of Heat Pump usage in energy usage, policy development about heat pump system in Korea,
16:30~17:05	<u>Keynote Lecture V+</u> <u>Policy Recommendation from Japan</u> : Prof. Kiyoshi Saito, Waseda University - Based on a global trend, the present situation in Asian area, to transmit the message to cope with Global Warming from Japan - To recognize all unutilized energies including air source energies which should be used Heat Pump hot water heater as renewable energy source and to enhance support projects for the policy recommendation
17:05~17:55	<u>Special Lecture</u> : Ph.D. Kazuo Yano, Corporate Officer, Corporate Chief Scientist, Hitachi, Ltd. -How AI does change business activities

Part2: 17:55-18:10 30th October, 2017 “AHPNW Tokyo workshop declaration”

17:55~18:10	Hiroshi Komiyama, Chairman, Heat Pump and Thermal Storage Technology Center of Japan -To recognize all unutilized energies including air source energies which should be used in Heat Pump hot water heater as renewable energy source < a commemorative photograph >
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Part3: 18:15-19:30 30th October, 2017 “Welcome Party”

Part4: 09:00-11:30 31th October, 2017 “Workshop2”

09:00~11:30	<u>AHPNW Members’ Presentation and Answers to Queries</u> -Introduction of industrial, commercial and domestic Hot water status in each AHPNW member country. To discuss how to spread Heat Pump hot water heater. -Answers to Queries
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Part5: 11:30-13:00 31th October, 2017 “Meeting of the person concerned with AHPNW”

11:30~12:00	<u>AHPNW Expert meeting</u> -the venue of the next AHPNW Workshop, membership of AHPNW
12:00~13:00	<u>The meeting of the people involved</u> Speaker: Dr.Monica Axell, General Manager, IEA heat pump centre - Introduction of heat pump international activities of IEA heat pump center