

Oct. 23th 2013

Heat Pump & Thermal Storage Technology Center of Japan

The 3rd Conference of Asian Heat Pump Thermal Storage Network was held in Hanoi, Vietnam

The wider promotion of the high efficiency heat pump and thermal storage technologies on the demand side is an urgent task in the aspect of promoting energy conservation and prevention of global warming. Especially in Asian country where the energy consumption is continuously growing due to the rapid economy growth, cooperation among each country is highly essential. In this point of view, 5 Main Asian countries (China, India, Japan, Korea, and Vietnam) gathered together on October 2011 and established Asian Heat Pump Thermal Storage Network (AHPNW).

Recently, 3rd conference was held in Hanoi, Vietnam on Oct. 8th–9th, 2013, followed after the 1st conference in Tokyo, Japan, 2nd conference in Yeosu, Korea. On Oct. 8th open seminar was held which over 40 people participated. Based on the theme “Research and development of heat pump and thermal storage technologies in industrial and residential sector”, New energy evaluation methodology of air-conditioner and heat pump (Korea), The development of heat pump and thermal storage in China (China), Study project of hot water production by combination of solar collector and heat pump (Vietnam), Research on new refrigerant (Vietnam) were presented. From Japan, Dr. Choyu Watanabe who is an expert on industrial heat pump from Chubu Electric Power Co. gave a presentation about the state-of-the-art technology of industrial heat pump which Japan is proud of, in terms of its mechanism, refrigerant, products line-up & each process applications and introduction examples. On Oct. 9th close meeting by the participating organization of AHPNW was held and active discussion was done about the future action. As a result from now on we not only publish newsletter and held a conference by also we want to carry out cooperation project in order to enlarge the recognition of AHPNW and expand the participating countries.

AHPNW homepage :

<http://www.hptcj.or.jp/e/ahpnw/tabid/571/language/en-US/Default.aspx>



Open seminar on Oct. 8th (Group Photo)



Presentation by Dr. Choyu Watanabe



Meeting on Oct. 9th (Group Photo)

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