2010 NTU/KAUST/AUC Workshop
Solar Building Technology

Date : April 28 (Wed), 2010

Venue : Auditorium (Engineering Complex Building, Room 203),
National Taiwan University. No.1, Section 4, Roosevelt Rd., Taipei, Taiwan

Organizer : New Energy Center, National Taiwan University;
KAUST GRP Center-in-Development in NTU, Taiwan;
American University in Cairo (AUC), Egypt;
New and Solar Energy Society of Taiwan;
International Solar Energy Society Taiwan Section.

Agenda

About 50% of energy in the world is consumed within various buildings. Air conditioning and heating consumes about 30-50%, and lighting consumes about 10-25% of the total building energy consumption. Reducing the energy consumption of them can contribute a great deal on reduction of global warming.

Solar building technology basically consists of three major topics: efficient and eco-friendly energy utilization, renewable energy supply, and architecture design for low-energy consumption and environmental protection. New Energy Center at Department of Mechanical Engineering, National Taiwan University has been awarded as a KAUST GRP Center-in-Development by King Abdullah University of Science and Technology (KAUST) for the research and development of unique and leading solar building technology that have the potential to incubate or spawn a new industry for national economy. American University in Cairo (AUC), Egypt, is also granted by KAUST as a major research partner in the integrated desert building technologies aiming at transfer, development, adaptation, and integration of technologies in architecture, structure, construction materials, energy generation and conservation, water management and re-use, and life cost analysis.

This workshop is organized by NTU and AUC to invite academia and industrial people to exchange new knowledge and novel ideas through invited seminars and presentations focusing on the development of solar building technology. This workshop will present the research results of KAUST GRP/CID at NTU and the group of American University in Cairo (AUC) to the public and to seek for future collaboration in commercialization.

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REGISTRATION

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