ASHRAE Hong Kong Chapter

NAMI

Technical Seminar

Data Centre Decarbonization from Design to Operation

Program Overview

This technical seminar is jointly organized by ASHRAE Hong Kong Chapter and Nano and Advanced Materials Institute (NAMI).

The aim of this seminar is to invite the professionals and experts to share their best knowledges and valuable experiences on planning, design, construction and operation of green data centres to achieve energy efficient and carbon neutrality.

📍 Charles K Kao Auditorium, Hong Kong Science Park

☑ 24 September 2024 (Tuesday) 9:30 AM - 1:00 PM

💬 Language: English

📖 3 CPD hours

$ Free of charge (First-come-first-reserved basis)

Registration

https://forms.gle/Xj6KmmDcG9Sp4o2W8
Deadline of Registration: 17 September 2024

Enquiry

For enquiry, please contact Mr. Taylor Chow at (+852) 6014 2397 / taylor3907@gmail.com

Technical Seminar - **Data Centre Decarbonization from Design to Operation**

PROGRAMME

Time	Rundown
09:00	Registration
09:30	**Welcome Address** Dr. Ivan Sham, *Chief Commercial Officer, Nano and Advanced Materials Institute*
09:35	**Opening Speech** Mr. Brian Sun, *Chief Systems Manager, Office of the Government Chief Information Officer*
Session 1: Design for Green Data Centre	
09:45	**Innovative Cooling Technology for Supercomputer Data Centre** - Speaker: Dr. Eric Kwok, *Senior Technical Manager, Nano and Advanced Materials Institute*
10:05	**Design Stage: Tier Certification** - Speaker: Mr. Alfred Lam, *Director - Business Development, Greater China, Uptime Institute*
10:25	**Development of Green Building Materials for Data Centre Decarbonization** - Speaker: Dr. Yanmin Wu, *Senior Technical Manager, Nano and Advanced Materials Institute*
10:45	**1st Session: Q&A Session**
10:55	Tea Break
Session 2: Data Centre Decarbonization from Planning to Operation	
11:25	**AI Energy Optimization from Cooling to iCooling** - Speaker: Mr. Raymond Leung, *Chief Technology Officer, Huawei Hong Kong Digital Power*
11:45	**Sustainable and Resilient Data Centre** - Speaker: Ir Clement Chung, Director, *Arup*
12:05	**Data Hall Airflow Optimization** - Speakers: Ir KW Tang, *Director, Equinix, Inc.* Dr. Oscar Chan, *Research Assistant Professor, The Hong Kong Polytechnic University* Ir Victor Auyang, *Principal Manager, CLP Power Hong Kong Limited*
12:35	**2nd Session: Q&A Session**
12:45	**Closing Address** Mr. Taylor Chow, *President, ASHRAE Hong Kong Chapter*

Remark: The Organizers reserves the right to modify and update the program without prior notice.

Supporting Organizations:

- Architectural Services Department
- Asian Institute of Intelligent Buildings
- BEAM Society Limited
- Building Services Operation and Maintenance Executives Society
- Business Environment Council
- Electrical and Mechanical Services Department
- Energy Institute Hong Kong Branch
- Hong Kong Green Building Council
- Institution of Mechanical Engineers Hong Kong Branch
- International Facility Management Association Hong Kong Chapter
- The Association of Energy Engineers Hong Kong Chapter
- The Chartered Institution of Building Services Engineers Hong Kong Region
- The Hong Kong Air Conditioning and Refrigeration Association Limited
- The Hong Kong Institution of Engineers, Building Services Division
- The Hong Kong Institute of Facility Management
- Uptime Institute