Details:

Date: 8 November 2023 (Wed)
Time: 6:30 pm (Registration)
6:45 pm – 8:00 pm

Venue: (Online) Zoom;
(Physical) HKIE Headquarter,
James Chiu Room, 9/F Island
Beverley, Causeway Bay,
Hong Kong

Joint Technical Seminar on Integrating Indoor Air Quality and Energy Efficiency in Buildings

Programme Highlight:

Integrating Indoor Air Quality and Energy Efficiency in Buildings **William P. Bahnfleth**

Buildings are one of the largest energy end-use sectors in countries around the globe. Concerns for the availability of energy supplies and the impact of energy use on the environment are driving a worldwide focus on energy end-use reduction. In this push for dramatic changes in the energy use intensity of the building sector, it is essential that the fundamental importance of indoor environmental quality, particularly indoor air quality, not be lost. This presentation addresses 1) the significance of indoor air quality in terms of its impact on health and productivity and associated costs; 2) the inseparable linkage between indoor air quality and building energy demands, including examples of efficient technologies for maintaining good indoor air quality; and 3) the need for an approach to building research, design, and operation that recognizes this connection.

Speaker:

William P. Bahnfleth, Professor of Architectural Engineering at the Pennsylvania State University (Penn State) in University Park, PA

William P. Bahnfleth, PhD, P.E., William Bahnfleth is a professor of Architectural Engineering at the Pennsylvania State University (Penn State) in University Park, PA. Previously, he was a Senior Consultant for ZBA, Inc. in Cincinnati, OH, and a Principal Investigator at the U.S. Army Construction Engineering Research Laboratory in Champaign, IL. He holds a doctorate in Mechanical Engineering from the University of Illinois and is a registered professional engineer. At Penn State, Dr. Bahnfleth teaches undergraduate courses in HVAC fundamentals and design and graduate courses in chilled water systems and indoor air quality His research interests cover a wide variety of topics including chilled water systems, thermal energy storage, and indoor air quality with a focus on control of bioaerosols. He is the author or co-author of more than 180 technical papers and articles and 15 books and book chapters.

Language:
English

CPD Certificate:
1.5-hour CPD certificate will be provided. Participants will receive an electronic copy of CPD attendance certificate after 14 days of the event.

Registration & Enquiry:

The Seminar is free of charge and prior registration is required. For registration, please complete Registration Form in the following link: https://forms.gle/q2x691wRxxf16gyW9

Application will be accepted on a first-come-first-served basis. Successful applicants will be informed by a confirmation email on/before 31 October 2023.

For enquiry, please contact Ms. Daphne CHAN at 6731 4785 or email at daphnechanwm@gmail.com.