

Organizers:



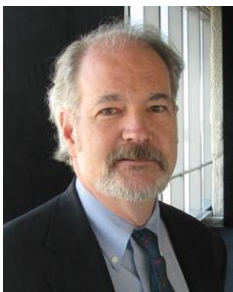
Technical Seminar on
“Standard 189.1: Structure, Requirements and Energy Savings”

Date : 8 April 2016 (Friday)
Time : 7:00 – 8:30pm (Registration will start at 6:30pm)
Venue : LG109, Lower Ground Floor, KK Leung Building, HKU Main Campus, The University of Hong Kong

Background:

ASHRAE Standard 189.1, Standard for the Design of High-Performance, Green Buildings except Low-Rise Residential Buildings, is the first code-intended commercial green building standard in the United States. It provides a long-needed green building foundation for those who strive to design, build, and operate green buildings. The standard covers key topic areas of site sustainability, water use efficiency, energy efficiency, indoor environmental quality and the building’s impact on the atmosphere, materials and resources, and includes construction practices as well as plans for operation of the building after occupancy. This presentation provides an overview of the structure and requirements of Standard 189.1, including key mandatory, prescriptive, and performance requirements. The expected energy savings in comparison to other ASHRAE Standards by commercial building type is also shown.

Honorable Speaker:



Drury B. Crawley, Ph.D.
*Distinguished Lecturer of ASHRAE
Director, Building Performance, Bentley Fellow
Bentley Systems, Inc., United States*

Dr. Crawley is Director, Building Performance and Bentley Fellow focusing on building performance, energy efficiency, renewable energy and sustainability. Prior to joining Bentley in 2010, Dr. Crawley lead the US Department of Energy’s Commercial Buildings Initiative [working to create cost-effective low-energy buildings nationwide including the Commercial Building Energy Alliances (now Better Buildings Alliance)] and was responsible for initiating the development of EnergyPlus and other DOE energy software. With more than 35 years of experience in buildings energy efficiency, renewable energy, and sustainability, he has worked in engineering software development, government research and standards development organizations, as well as building design and consulting companies. He received his PhD in Mechanical Engineering from University of Strathclyde in Glasgow, Scotland on the topic of building simulation as a policy tool, looking at the potential impacts of climate change on the built environment. He received a Bachelor of Architecture from University of Tennessee and is a registered architect.

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He is active in ASHRAE (Chair of Standard 169 Weather Data for Building Design Standards, Chair of TC 4.2 Climatic Data, member of the Advocacy Committee, member of SSPC 189.1 Standard for the Design of High-Performance, Green Buildings Except Low-Rise Residential Buildings, member of SSPC 140 Standard Method of Test for the Evaluation of Building Energy Analysis Computer Programs, former member of the Technical Activities and Research Administration Committees, and past chair of TCs 2.8, 4.2, 4.7, and 7.1). He was made an ASHRAE Fellow in 2009, achieved the ASHRAE BEMP (Building Energy Modeling Professional) certification in October 2012, received the ASHRAE Exceptional Service Award in 2013, the ASHRAE Research Administration Committee's Service to ASHRAE Research Award in January 2012, the ASHRAE Distinguished Service award in 2003 and a 1999 Symposium Best Paper Award for "Which Weather Data Should You Use for Energy Simulations of Commercial Buildings?" He is also active in IBPSA (board member since 1998, Fellow in 2012, Regional Affiliate Liaison since 2006), IBPSA-USA (board member and treasurer since 2013), AIA, USGBC (former member of the Research Committee and the Energy & Atmosphere TAG), and serves on the editorial boards of three international Journals. He has written more than 125 papers and articles, testified before the U.S. Congress, lectured at more than 20 universities, and made more than 400 presentations on building energy efficiency, sustainability, and renewable energy throughout the world

Language: English

Fee: Free of charge

Remark: 1.5-hour CPD certificate will be provided.

Registration & Enquiry:

Number of participants is limited and prior registration is required. For registration, please complete Registration Form in the following link: <http://goo.gl/forms/BjhRXOKZzN>. Only the applications from the members of Organizer will be accepted. The deadline of application is on 29 March 2016. Successful members will be notified by e-mail on or before 1 April 2016, which has to be presented at the registry of the venue entrance for verification. If the applicants have not received the confirmation e-mail on or before 1 April 2016, their applications will be regarded as not successful.

If typhoon signal no. 8 or black rainstorm signal is in force and still hoisted after 5:00 pm of 8 April 2016, the talk would be cancelled without further arrangement or notification. For enquiry, please send e-mail to ashraehk@gmail.com.

For enquiry, please contact Mr. Andy Lo at 6223 7652 or email to ashraehk@gmail.com.