



**ASHRAE** 美國供暖製冷及空調工程師學會  
**AMERICAN SOCIETY OF HEATING, REFRIGERATING AND  
 AIR-CONDITIONING ENGINEERS, INC. - Hong Kong Chapter**

P.O. Box 35612, King's Road Post Office, North Point, Hong Kong

<http://www.ashrae.org.hk>



**Distinguished Lecturer Series –  
 Future Trends in Buildings and Energy  
 Simulation**



**Date:**

30<sup>th</sup> August 2010

**Time / Duration:**

**6:15pm for 6:30pm - 9:00pm**

**Venue:**

Lecture Theatre Y304, The Hong Kong Polytechnic University, Hung Hom, Kowloon, Hong Kong.

**Honorable Distinguished  
 Lecturer:**



**DR. DRURY B. CRAWLEY, PH.D.**

Director, Building Performance Products  
 Bentley Systems, Inc.

Dr. Crawley leads the development of software for building performance and sustainability at Bentley Systems. Prior to joining Bentley Systems in 2010, he lead the U.S. Department of Energy's team working to achieve cost-effective net-zero energy commercial buildings by 2025 and was responsible for managing the DOE's building energy software tools development activities including EnergyPlus and Open Studio plugin for Google SketchUp.

He has more than 30 years of experience in buildings energy efficiency, renewable energy, and sustainability. He has written more than 100 papers and articles and made more than 300 presentations on energy efficiency, sustainability, and renewable energy topics throughout the world. He is active in ASHRAE and was made an ASHRAE Fellow in 2009, received an ASHRAE Distinguished Service award in 2003. A registered architect, he also has a PhD in Mechanical Engineering from the University of Strathclyde in Glasgow, Scotland.

**Program Highlight:**

The buildings industry faces many challenges and opportunities over the next few decades. The buildings touted today as 'most energy-efficient' or 'green' would not be possible without energy simulation—but no single simulation tool can model all aspects of our buildings today. Over the next ten years, changes in building technology—particularly wireless controls and solid-state lighting—will profoundly alter how our buildings are designed, built, and operated. This presentation provides an overview of trends and drivers affecting the building industry as well as the simulation tools of tomorrow.

**Fee:**

ASHRAE Members / Full-time Students : Free

HKIE / CIBSE Members : HKD\$ 200

Other Non-Members: HKD\$ 300

**If you are not a member of ASHRAE, please send your application and cheque to "Mr. Michael Sung – 7/F One Kowloon, 1 Wang Yuen Street, Kowloon Bay, Hong Kong" for formal registration. Cheque shall be payable to "ASHRAE Hong Kong Chapter".**

**Application:**

Open to ASHRAE members, HVAC Engineers or other professions interested in this topic etc. Please complete and return the below application form by e-mail before 25 August 2010. Seats are limited. Quota will be allocated on first-come-first-served basis. Un-successful applicants will be informed individually by e-mail. Applicants who do not receive a reply before 27 August 2010 may assume their application successful.

**Application Form – Future Trends in Buildings and Energy Simulation (\*Cross if not appropriate)**

Name (Dr/Mr/Ms) : \_\_\_\_\_

Membership Class : \_\_\_\_\_ No.: \_\_\_\_\_ (\*ASHRAE/HKIE/CIBSE/Others)

Fees : \*Free / HKD\$ 200 / HKD\$ 300 (receipt is available upon request)

Company Name : \_\_\_\_\_

Contact No. : \_\_\_\_\_

E-mail Address : (Must be provided) \_\_\_\_\_

**For any inquiries, please contact: Patrick Huang at 6077 2053 or Mr. Michael Sung at 2963 7786**

**Please e-mail this form to: [chapterprogram@gmail.com](mailto:chapterprogram@gmail.com)**