



ASHRAE Hong Kong Chapter

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

Email: info@ashrae.org.hk Web: <http://ashrae.org.hk>

美國供暖製冷及空調工程師學會 香港分會

地址：香港英皇道郵政局 郵政信箱 35612 號

電郵： info@ashrae.org.hk 網站： <http://ashrae.org.hk>

ASHRAE TECHNICAL WORKSHOP **Building Controls and Energy Efficiency**

Title : **The latest technologies development for Smart and Green Buildings**

Date/Time : 16 May 2012 (Wednesday) / 3:00pm-6:00pm

Venue : Hong Kong Polytechnic University - Room BC201

Background:

Smart and Green Buildings have become the trend for the next generation of buildings. With the rapidly changing market and technologies development, it is necessary to update with the recent development on a consistent basis.

Workshop Objective:

This workshop is aimed to provide the information regarding the latest building control technologies development for smart and green buildings. The presentation contents cover some of the latest available technologies from the industry, best practices in Energy Management and the upcoming technologies through research and development.

After taking the workshop, the participants will be able to have a better understanding of the latest and upcoming technologies.

Key Speakers:

Ed Sugay,

MBA, P.E., LEED®AP

Global Director – Major Projects, Siemens Ltd.

Mr. Ed Sugay has over 20 years industry experience in energy generation and energy performance projects. He is currently the global director for major projects in Asia Pacific, he is responsible for business development, sales and marketing in the region

**Ben Heraud,
BSc – Energy Management, CEM, NABERS, MHKAAE
Principle Energy Consultant – Energenz Consultant**

Ben has worked extensively within the energy consulting arena since graduating with a Major in Energy Management, and is a Certified Energy Manager and member of the Hong Kong Association of Energy Engineers. As Principal Energy Consultant for Energenz Consulting, Ben is responsible for providing quality assurance and strategic advice to clients. Ben has developed some of the largest energy efficiency programs in Asia, and during his career, conducted hundreds of Energy Audits in the manufacturing and commercial sectors.

He is an energy efficiency expert in lighting systems and controls, heating ventilation and air-conditioning (HVAC) systems, compressed air systems, hot water systems, steam systems, building management systems and controls, and can adapt this experience to any type of commercial or industrial site. Specifically, his widespread experience in conducting detailed assessments has covered the following types of sites: Commercial Buildings, Hotels, Hospitals, Retail Facilities, Supermarkets, Data Centres, Universities, Airports, Clubs, Indoor swimming pools, Distribution Centres and Shopping Centres and Factories.

**Mark Benevides,
Global Director of Project Management, Global Director Demand Flow TM,
Siemens Ltd.**

Mr. Mark Benevides has over 20 years industry experience in building automation and energy performance projects. He is the global director for all energy projects and director for demand flow.

**Dr. Sze To Gin Nam,
PhD
Manager, Building Energy Research Center, HKUST**

Dr. Sze-To has obtained his Bachelor's, Master's and Doctoral degrees from the Hong Kong University of Science and Technology (HKUST), majoring in Mechanical Engineering in 2005, 2007 and 2010, respectively. In his post-graduate study, Dr. Sze-To studied the transport and risk assessment of indoor air contaminants. After obtaining PhD, he works as the manager of Building Energy Research Center in the HKUST Fok Ying Tung Graduate School. The research direction of the center includes: solar adsorption cooling system, personalized ventilation, advanced air purification technologies, and smart green building.



ASHRAE Hong Kong Chapter

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

Email: info@ashrae.org.hk Web: <http://ashrae.org.hk>

美國供暖製冷及空調工程師學會 香港分會

地址：香港英皇道郵政局 郵政信箱 35612 號

電郵： info@ashrae.org.hk 網站： <http://ashrae.org.hk>

Language: English

Application:

Open to all interested persons, but priority will be given to ASHRAE members. Please complete and return the application form by e-mail and send the cross-cheque via post before 15 May 2012. Number of participants is limited. Places will be allocated on a first-come-first-served basis. Successful applicants will be informed individually by e-mail.

ASHRAE's Research Vision

ASHRAE conducts timely research to remain the foremost, authoritative and responsive international source of technical and educational information, standards and guides on the interaction between people and the indoor and outdoor environment through the operation of HVAC&R systems in buildings and other applications.



ASHRAE Hong Kong Chapter

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

Email: info@ashrae.org.hk Web: <http://ashrae.org.hk>

美國供暖製冷及空調工程師學會 香港分會

地址：香港英皇道郵政局 郵政信箱 35612 號

電郵： info@ashrae.org.hk 網站： <http://ashrae.org.hk>

Application Form:

ASHRAE Half-day Technical Workshop: **Building Controls and Energy Efficiency**

Name (Dr./Ir/Mr./Mrs./Ms.)* : _____

ASHRAE Membership* : Class: _____ No.: _____

Other Membership : Organization: _____ Membership No.: _____

Company * : _____

Email Address* : _____

Contact Numbers : (Mobile)*: _____ (Office): _____

* Information must be filled.

Course Fee (Member of ASHRAE) – Voluntary Contribution to ASHRAE Research
(cheque no.: _____)

Remark: All net proceeds will be contributed to **ASHRAE Research**.

Enquires: For inquiries, please contact us at email: dsltung@sustaine.com.hk

Registration: The application form and cross-cheque with appropriate payment in Hong Kong dollars payable to “ASHRAE Hong Kong Chapter” shall be sent to **P.O. Box 35612, King’s Road Post Office, North Point, Hong Kong, before 30 May 2012**. The applicant may email the above information to dsltung@sustaine.com.hk for place reservation and then followed by cheque payment via mail.