

Organizers



Supporting Organization

Technical Seminar on Low Carbon Building Design & Operation (CIBSE Low Carbon Award Project)

Details

Date : 18 March 2010 (Thursday)
Time : 6:30pm for 7:00pm to 8:30pm

Venue : The Jockey Club Lecture Theatre,
IVE (Morrison Hill), 6 Oi Kwan Road,
Wan Chai

Programme Highlights

Experience sharing on energy efficient diagnosis and operation optimization on HVAC system in Festival Walk in Hong Kong, a CIBSE Low Carbon Award project, as well as a comprehensive discussion on on-site survey on HVAC systems in mainland China, US and Japan leading by Tsinghua University.

Speaker



Dr. Qingpeng Wei, Associate Professor

Building Energy Research Center (BERC), Tsinghua University

As the team leader of study on energy efficiency in commercial buildings, Dr. Wei established an on-line energy monitoring and benchmarking system of commercial buildings through detailed metering. By this monitoring and benchmarking system, current situation, characteristics and saving potentials of energy consumption for HVAC, lighting, office appliances in commercial buildings are clearly disclosed with real time energy consumption data. Therefore, Dr. Wei develops data-driven model and data mining methodology for energy consumption in commercial buildings.

Dr. Qingpeng Wei received his B.Sc., M.Sc., and Ph.D. degrees in building services engineering from Tsinghua University. Dr. Wei initiated his research in building energy efficiency (BEE) in 1996. And he was involved in lots of international cooperation projects on BEE, including UNDP-GEF funded CHINA End-use Energy Efficiency Project, World Bank funded CHINA building Energy Efficiency Study etc. Currently, He is leading a research team on energy efficiency in large-scaled commercial buildings which have the highest electricity use intensity among all kinds of buildings in China. Dr. Wei and his team have accomplished energy diagnosis in more than 150 buildings in China, Hong Kong SAR, USA and Japan, including 20 office buildings of central government, Beijing Olympic venues, etc. Dr. Wei was also invited to visit and investigate energy data of commercial buildings in France, Belgium, Netherland, Germany, etc.. In addition, with his effort, no-cost retrofitting techniques including control strategy optimization, energy efficiency oriented FDD, have been implemented in about 40 commercial buildings which obtained more than 30% of energy savings.

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Ir Cary W H Chan

MBA, CEng, MHKIE, MCIBSE, FBSOMES

Ir W H Chan is a professional engineer. He is currently the Head of Technical Services of Swire Properties Management Limited who is responsible for overseeing the technical and environmental performance of Swire Properties' investment portfolio.

He started his career in the field of Building Services Engineering in a consultant firm and has since participated in a number of prestige projects such as the construction of the Hong Kong Bank Headquarters.

His major interests are on energy and environment conservation. Over the years, he has carried out a lot of researches in-house and also jointly with universities. A lot of energy saving initiatives have been successfully implemented with substantial improvements in energy performance of their buildings. Some of his work has won international awards.

Ir Chan has been playing an active role in the society. He is now the vice chairman of the environmental committee of the Hong Kong General Chamber of commerce and the Chairman of BEAM's Technical Review Panel.

In the past few years, Ir Chan has been sharing his experience through publications in professional journals and talks at technical seminars.

Fee

Free of charge, and CPD Certificate will be issued.

Registration & Enquiry

For registration, please register ONLINE via the website of CIBSE Hong Kong Branch – www.cibse.org.hk.

The maximum number of participants is 170. Applications will be accepted on a first-come-first-served basis. The deadline of application is 12 March 2010. Names of successful members will be posted on the institutions websites, <http://bs.hkie.org.hk>, www.ashrae.org.hk and www.CIBSE.org.hk after 15 March 2010. For enquiry, please contact Ir Patrick Lee at 2590 1694.