



澳門工程師學會
Associação dos Engenheiros de Macau
The Macau Institution of Engineers
**The Macau
Institution of
Engineers (AEM)**



香港工程師學會
屋宇裝備分部
(HKIE – BS Division)



**University of
Macau
(UM)**



澳門公職工程
技術人員協會
(ATEFPM)

HKIE-BSD/AEM Joint Workshop “Auditing Building Energy Uses” Workshop

Date: Saturday, 4 August 2012

Time: 8:45am – 4:45pm

Venue: HG01, Theatre, Ho Yin Convention Centre of University of Macau

Background: The Hong Kong Institution of Engineers – Building Services Division (HKIE-BSD) & The Macau Institution of Engineers jointly organize a One Day Workshop 2012 on “Auditing Building Uses” on 4 August 2012. This course is designed to broaden knowledge of engineers on the energy audits and analysis of various building services systems in buildings and to provide updates on the latest development of Hong Kong EMSD Building Energy Codes. Overview and appreciation on measurement and data analysis in auditing building energy uses as well as experience sharing in case studies are also covered.

Tentative Programme:

8:45 – 9:15	Registration
9:15 – 10:00	Updates on Latest Development of Building Energy Codes -Building energy codes -Registered energy assessors By Ir Colin CL Chung of Parsons Brinckerhoff (Asia) Ltd.
10:00 – 10:30	Energy Audit of HVAC Systems (1) - Energy audits Procedures and analysis of HVAC systems - Energy Accounting and Benchmarking By Ir Victor Wong of Trane Service Hong Kong
10:30 – 10:45	Break



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10:45 – 11:30	<p>Energy Audit of HVAC Systems (2)</p> <ul style="list-style-type: none"> - Energy audits and analysis of HVAC & water heating systems - EMO of HVAC & water heating systems <p><i>By Ir KF Tsui of Parsons Brinckerhoff (Asia) Ltd.</i></p>
11:30 – 12:15	<p>Energy Audit of Electrical/Lighting/Lifts & Escalator Systems</p> <ul style="list-style-type: none"> -Energy audits and analysis of Electrical / Lighting / Lifts & Escalators Systems -EMO of Electrical / Lighting / Lifts & Escalators Systems <p><i>By Ir WK Cheng of Meinhardt (M&E) Ltd.</i></p>
12:15 – 1:30	Lunch
1:30 – 3:00	<p>Measurement & Data Analysis</p> <ul style="list-style-type: none"> -Information sourcing and instrumentations -In-situ measurements and verifications - Data analysis <p><i>By Dr Chris Lau</i></p>
3:00 – 3:15	Break
3:15 – 4:45	<p>Case Studies and Economic Analysis of Selected Buildings</p> <ul style="list-style-type: none"> -Experience sharing and lessons learnt -Cost evaluations of energy saving measures <p><i>By Ir Prof. Francis Yik, Department of Building Services Engineering, Hong Kong Polytechnic University</i></p>

Key Speaker:

Language: Cantonese (supplemented with English handouts)

Fee: Course Fee (Member of HKIE/AEM) MOP450
Course Fee (Student Members of HKIE/ AEM) MOP50
Course Fee (Non-Members) MOP700



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Registration: Application is welcome to all interested persons, but priority will be given to HKIE, AEM and supporting organization members.

Applicant please return the completed application form and together with course fee to **either**

Ms Irene Lam at 澳門水坑尾街 103 號二樓

In person during the office hours on or before 31 July 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 or phone.

Enquires: For inquiries, please contact Ms Irene Lam at tel. no.: (853)28322532 or Ms Sally Leung (852) 96368299

Remark: A certificate of attendance will be issued to the participant after completion of the workshop

Application Form: *information must be filled

HKIE-BSD/AEM Joint Workshop - "Auditing Building Energy Uses" Workshop

Name (Dr./Ir./Mr./Mrs./Ms.)* : _____
 Membership* : HKIE-BSD/AEM Class: _ No.: _____
 Company/School* : _____
 Mail Address* : _____
 : _____
 Email Address* : _____
 Contact Numbers : (Tel/Mobile)* _____:(Fax): _____

Course Fee (Members of HKIE/AEM) Mop 450 × __ person (receipt no.: _____)

Course Fee (Student Members of HKIE/AEM) Mop 50 × __ person (receipt no.: _____)

Course Fee (Non-Members) Mop 700 × __ person (receipt no.: _____)