

美國供暖製冷及空調工程師學會

ASHRAE



AMERICAN SOCIETY OF HEATING, REFRIGERATING AND
AIR-CONDITIONING ENGINEERS, INC. Hong Kong Chapter

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ASHRAE Technical Seminar, Macao 2006

**ASHRAE Standard 90.1 and Its Implications
to Worldwide Building Energy Efficiency Codes**

by Dr. Sam C. M. Hui

In cooperation with : The Macau Institution of Engineers
Supported by : Faculty of Science and Technology, The University of Macau

Date : 17 February 2006 (Friday)
Time : 2:45pm for 3:30pm – 5:00pm
Venue : STDM Stadium, UM International Library, University of Macau
Language : Cantonese (supplement with English)
Seminar Fees : FREE of charge
To reserve a seat, please complete and return the reply slip fax or send us the information via email, on or before **10 February 2006**

Synopsis:

ASHRAE Standard 90.1 is the benchmark for building energy codes in the United States and in countries around the world. This standard was first developed in the 1970's in response to the oil crisis at that time. Since then it has been revised and updated several times to cater for technology advancement and policy changes. Different versions of the ASHRAE Standard 90.1 have been adopted or referenced in many countries. Also, some developing economies in Asia including Singapore, Malaysia, Thailand, Philippines, Hong Kong and mainland China have used the standard as a model for establishing their building energy efficiency codes.

This seminar will describe the key components of the ASHRAE Standard 90.1 and explain the philosophy of setting the control requirements for building energy codes. The characteristics of different versions of 90.1 will be examined and the practical experience from the Asian economies will be discussed. It is hoped that from this study people can understand the significance of building energy efficiency and know better how to promote it through strategic planning and policies.

About the Speaker:

Dr. Sam C. M. Hui

PhD, BEng(Hons), CEng, MASHRAE, MCIBSE, MHKIE, MIESNA, LifeMAEE, Assoc AIA

Dr. Hui is currently the President-Elect of the ASHRAE Hong Kong Chapter. He is a Teaching Consultant and an Honorary Assistant Professor of the Department of Mechanical Engineering, The University of Hong Kong. He has a strong technical background in the study of energy efficiency in buildings and has carried out teaching, research and consultancy studies in Hong Kong, Mainland China, Germany, Japan, USA and Thailand. He has published more than 50 technical articles in academic/professional journals and conferences and is active in promoting interdisciplinary building energy and environmental research studies that integrate architectural design and sustainable building technology.



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