

Introduction

The environmental aspects of buildings and landscapes play an essential role in the construction of modern architecture. As urbanisation and economic activity extends into undeveloped regions in Asia Pacific, how can HVAC products and services contribute to the construction of a clean and green environment?

Specially invited from Pennsylvania is distinguished lecturer, Lawrence Spielvogel, who will share his expert knowledge and vast experience at a seminar and exclusive workshop. This seminar & workshop will provide solutions to the key issues of energy management according to the Standard 90.1. Impact your business and tap into his valuable expertise in this insightful seminar & workshop!

Keynote Speaker



LAWRENCE G. SPIELVOGEL,
P.E. Consulting Engineer, King of Prussia, Pennsylvania

Mr. Spielvogel is a Consulting Engineer in King of Prussia, Pennsylvania, a suburb of Philadelphia. He holds a B.S. in Mechanical Engineering from Drexel University and is a Registered Professional Engineer in 49 States. He is also a Chartered Engineer in England, a European Engineer in all Common Market Countries, a Certified Plant Engineer, and has lectured and written extensively.

He is a Fellow of ASHRAE (American Society of Heating, Refrigerating, and Air Conditioning Engineers) and an ASHRAE Distinguished Lecturer. He was a Director at Large from 2002 to 2005. He was Chair of ASHRAE Standard 105 on Building Energy Performance. He is past Chair of the Standard 90 Panel on HVAC Systems, the Technical Committees on Energy Utilization, Computer Applications, and Service Water Heating and served as a member of the Research and Technical Committee. He was Chair of the ANSI/ASHRAE/IESNA Standard 90.1 Project Committee from 1999 to 2002. His current service includes the ASHRAE Nominating, Finance, and Advocacy Committees and the ASHRAE Foundation.

He is also a Fellow of CIBSE (Chartered Institution of Building Services Engineers) (England), a Fellow of the SLL (Society of Light and Lighting) (England), and a Member of IESNA (Illuminating Engineering Society of North America), and many other Technical Societies.

From 2001 to 2004 Mr. Spielvogel served on the U. S. National Academy of Sciences and ASHRAE committees that studied threats from terrorism and recommended methods of dealing with them, and now chairs the ASHRAE Committee on Homeland Security"

Look out also for local speakers from National University of Singapore and National Environment Agency

Assoc Professor Lee Siew Eang
*Director, Centre for Total Building Performance,
National University of Singapore*

Mr. A. Ram Bhaskar,
*Chief Engineer (Energy Conservation)
National Environment Agency*

A Must Attend Seminar & Workshop for:

- HVAC Engineers • Engineering Consultants • Manufacturers of HVAC Equipment
- Government Authorities

Seminar Highlight – 4th July 2006

ANSI/ASHRAE/IESNA Standard 90.1

This presentation will cover the content, background, and development of the Standard, considering the participants, procedures, and involvement of interested parties. The technical requirements cover building envelope, HVAC systems, water heating, power, and lighting. The Standard serves as the energy benchmark for the United States Green Building Council Leadership in Energy and Environmental Design (LEED) program. The status of adoption of the Standards into Model Codes and State Codes will be covered. The current status and future plans for the next edition will conclude the presentation.

Exclusive Interactive Workshop with Spielvogel – 5th July 2006 (Limited Seats)

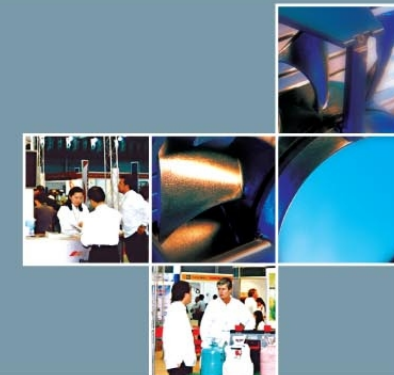
Discover solutions and address your technical difficulties during this interactive workshop session with Spielvogel. One of the pioneers of the Standard and an expert consultant in major buildings in the world, tap into his professional experience as he delivers practical advice about the HVAC industry and the Standard 90.1.

Seminar Schedule 4 July

10:30	Seminar registration with Coffee/Tea
11:00	Commencement of Seminar Part 1 Welcome Speech by Seminar Chairman
11:05	Keynote Speaker : ASHRAE Distinguished Lecturer Lawrence Spielvogel Title : Overview of ANSI/ASHRAE/IESNA Standard 90.1
12:00	Q&A
12:30	LUNCH
13:30	Part 2 : Seminar Technical papers Seminar Chairman
13:35	National University of Singapore, A/P Lee Siew Eang Title : National Library Board HQ Building Project – A Case study
14:00	National Environment Agency, Mr Ram Bhaskar Title : Energy efficiency incentive schemes in Singapore
14:25	Topic & Speaker to be confirmed
14:50	Panel discussion
15:15	Presentation of tokens of appreciation
15:20	End of Seminar & Visit HVAC Asia 2006 Exhibition

Workshop Schedule 5 July

08:30	Workshop Registration
09:00	Welcome Speech by Workshop Chairman
09:05	Workshop to be conducted by Lawrence Spielvogel Title : Energy Efficiency and Environmental Sustainability
10:00	COFFEE BREAK
10:30	Workshop Continues
12:00	End



Topics and programme subjected to change. For updates please refer to our website www.hvacasia2006.com/workshop.htm

Expand Your Business Contacts

Grasp hold of this opportunity to network with other leading key HVAC industry players and visit HVAC Asia 2006, The 6th International Exhibition on Heating, Ventilation, Air-Conditioning, Refrigeration and Air Filtration & Purification from 4 – 7 July 2006 at the Singapore Expo.

