



ASHRAE 美國供暖製冷及空調工程師學會

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

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

<http://www.ashrae.org.hk>



Technical Seminar on Understanding and Designing Dedicated Outdoor Air Systems (DOAS).



Date: 12th November 2007
Time / Duration: 6:45pm for 7:00pm - 9:00pm
Venue: Room PQ304, The Hong Kong Polytechnic University, Hung Hom, Kowloon, Hong Kong.
Honourable Speaker:

Stanley A. Mumma, Ph.D., P.E. (Pennsylvania State University)

Dr. Stanley Mumma is currently a Professor Emeritus of Architectural Engineering at Pennsylvania State University. Prior to joining Penn State in 1984, he was a General Motors Corporation project engineer for three years between his undergraduate studies in Mechanical Engineering at the University of Cincinnati, and his graduate work at the University of Illinois at Urbana-Champaign. Since earning his Ph.D. in Mechanical Engineering in 1974, under the mentorship of Dr. Will Stoecker, he has also held faculty positions at Ohio State University and Arizona State University. In the first third of his academic career, his research focused principally on solar and alternate energy. Then his interests changed to innovative ways of meeting ASHRAE Standard 62 in an energy efficient fashion. That work has led to his current intense interest in dedicated outdoor air systems (DOAS). He writes extensively on the subject (see <http://doas-radiant.psu.edu/papers.html>). Two of his publications were recipients of ASHRAE best paper awards. He has also received ASHRAE's Distinguished Service Award, the E.K. Campbell Award of Merit, and the grade of Fellow. Currently, Dr. Mumma is a member of several Technical Committees and the Society Publishing Committee. (2/25/06)

Program Highlight: This presentation will define DOAS and current mutations, discuss the parallel terminal systems available, identify the inherent problems with VAV systems, present DOAS equipment choices with psychometrics, illustrate the design steps via an example, address DOAS automatic control design and operational issues in a campus building, review the energy savings potential of the top HVAC technologies, review the engineering design score sheet for a DOAS project, address over 30 frequently ask questions, and draw conclusions.

Fee: HK\$ 50 for ASHRAE/HKIE/CIBSE members, HK\$100 for non members,
Free of charge for Hong Kong Polytechnic University Students,
Free of charge for Student members with ASHRAE voucher.

Application: Open to ASHRAE/HKIE/CIBSE members, HVAC Engineers, or other professions interested in this topic etc. Please complete and return the below application form by e-mail before 31st October 2007. Number of participants is limited to 80. Quota will be allocated on first-come-first-served basis. Successful applicants will be informed individually by e-mail. Applicants who do not receive a reply before 5th November 2007 may assume their application unsuccessful.

Application Form - Technical Seminar on Understanding and Designing Dedicated Outdoor Air Systems (DOAS).

Name (Dr/Mr/Ms) : _____
Membership Class : _____ No.: _____ (ASHRAE/HKIE/CIBSE)
Company Name : _____
Contact Address : _____
E-mail Address : (Must be provided) _____
Contact Numbers : (Tel) _____ (Fax) _____

For any inquiries, please contact: Mr. Eric Lim (ashraeseminar@gmail.com)

Please e-mail this form to: / ashraeseminar@gmail.com

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