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Technical Seminar

Methods for Improving Energy Efficiency and Sustainability of Building Systems

By Moncef Krarti, PhD, PE

Professor, University of Colorado

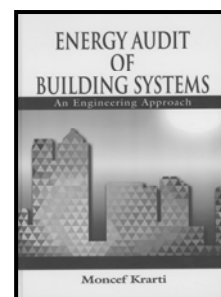
Date & Time: 10 July 2008 (Thu), 6:30 pm to 8:00 pm

Venue: PQ303, PolyU, Hung Hom, Kowloon

Speaker:



Moncef Krarti, PhD, PE is Professor and Associate Chair at the Civil, Environmental, and Architectural Engineering Department in the University of Colorado at Boulder. He is also the Director of the Building Systems Program at the University of Colorado. His research activities with the University of Colorado have included extensive experience in the analysis of energy systems for residential and commercial buildings as well as integration of energy efficiency measures with renewable technologies. Dr. Krarti has published over 200 technical papers and manuscripts including a textbook on energy management in buildings.



Abstract: The presentation will provide an overview of the state-of-art energy analysis tools and techniques to assess the performance of energy systems in buildings. Systematic and proven procedures as well as case studies are illustrated to improve the energy efficiency building energy systems including building envelope, electrical systems, and HVAC systems. The integration of various renewable technologies with energy efficiency is also discussed. Tools for evaluation energy efficiency and feasibility of renewable energy systems are outlined throughout the presentation.

Venue Support: Department of Building Services Engineering, The Hong Kong Polytechnic University

Reservation: This seminar is open free of charge to all interested persons, but priority will be given to ASHRAE members. Seats are allocated on a first-come-first-serve basis. To reserve a seat, please send your information to us through email (apply@ashrae.org.hk) before **10 July 2008**.

- Name of applicant(s)
- Company name
- Contact info. (email, telephone, fax)
- ASHRAE Membership class and number (if any)

Successful applicants will be informed individually by e-mail / phone.

Enquiry: Please contact us at email "info@ashrae.org.hk".

Attendance: Attendance certificate will be provided to participants.