



Continuing Professional Development (CPD) Course

Introduction to Building Performance Simulation

- Date: Saturday, 14 June 2003
- Time: 9:30 a.m. to 12:30 p.m. and 2:00 p.m. to 5:00 p.m. (Lunch at 12:30 p.m. -2:00 p.m.)
- Venue: LG113 Computer Lab, 3/F, Composite Building, Haking Wong Building, HKU
- Synopsis: Building performance simulation is playing an increasingly important role in building design and analysis. This course will introduce the basic concept of building performance simulation and develop practical skills for modelling and analysis of building design. Latest computer software for building energy simulation and computational fluid dynamics (CFD) will be taught. Hands-on exercises will be provided for the participants to gain experience with the simulation process.
- Audience: The course is suitable for building designers and other related professionals in the construction industry. Basic computing skills are preferred but not critical.
- Lecturers: Dr. Sam C. M. Hui and Dr. Yuguo Li
Department of Mechanical Engineering, The University of Hong Kong
- Course Fee: HK\$1,200 per person (for full-time students, HK\$700 per person)
The fee includes lecture notes, reference materials on CD and the cost of a "dim-sum" lunch at the Union Restaurant of HKU.
- Certificate: An attendance certificate will be issued to each person who has completed the course.
- Software: The software "*Energy-10 Version 1.6*" (<http://www.sbicouncil.org/enTen/>) will be used for learning building energy simulation. Each participant has a chance to purchase this software for self study at a special price of HK\$450 per copy (the original commercial price is US\$250 or HK\$1950). If you would like to purchase the software, please indicate in your reply and include an additional HK\$450 in the payment.
- Another software "*Airpak*" will be used for learning the CFD modelling. Further information and demos can be found on the website "<http://airpak.fluent.com/>".
- Registration: Please fill in and return the reply slip below with a cheque made payable to "The University of Hong Kong". Places are allocated on a first-come-first-serve basis.

REPLY SLIP

To: Department of Mechanical Engineering
The University of Hong Kong
Pokfulam Road, Hong Kong
(CPD Course: Introduction to Building Performance Simulation)

For inquiry:
Tel: 2859-2123
Fax: 2858-5415
E-mail: cmhui@hku.hk

Name: (Mr./ Ms./ Mrs.) _____

Organisation: _____

Contact Address: _____

Contact Numbers: (Tel) _____ (Fax) _____

E-mail: _____

Cheque No.: _____ Full-time Student? Yes / No

"Dim-sum" Lunch: ___ Yes, I would join the lunch at 12:30 p.m.

Software: ___ Yes, I would like get the software "Energy-10" at HK\$450