



**Department of Mechanical Engineering  
The University of Hong Kong**

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香港大學  
機械工程系

<http://me.hku.hk/>

**Continuing Professional Development (CPD) Course**

**VisualDOE - A Green Design Tool**

Date & Time: Monday and Tuesday, 13 and 14 October 2003, 6:30 p.m. to 9:30 p.m.

Venue: LG113 Computer Lab, 3/F, Composite Building (near Haking Wong Building), HKU

Synopsis: The aim of this course is to promote energy simulations in green building design to save energy cost of buildings and improve indoor and outdoor environment. We will talk about green building (USGBC, LEED) and design strategies and applications, energy simulations, DOE-2 and VisualDOE. Practical examples will be provided.

Lecturers: **Dr. Tianzhen Hong** is the Technology and Software Manager of Eley Associates, an architectural and engineering consulting firm in California ([www.eley.com](http://www.eley.com)). He is a licensed professional mechanical engineer in California with PhD, MSc, and BSc degrees in Thermal Engineering and HVACR from Tsinghua University. Prior to joining Eley Associates, Dr. Hong was the Senior R&D Engineer with SuperSymmetry Services in Singapore, a postdoctoral research fellow at the National University of Singapore and a lecturer at Tsinghua University. While he was a PhD candidate, he worked as an attachment with Building Research Establishment in U.K.

Dr. Hong's experience focuses on teaching, training and research in building energy efficiency, green building design, HVACR system modeling and diagnostics, and building energy analysis. As a member of ASHRAE, AEE, and IBPSA, he has been actively involved in many R&D projects on building science & technology. He has co-authored more than 30 technical papers and reports, and has won awards on teaching and research from Tsinghua University and China Ministry of Education.

(\* An introductory section on building energy codes and simulation techniques will be made by **Dr. Sam C. M. Hui**, Department of Mechanical Engineering, HKU.)

Course Fee: HK\$1,200 per person (for full-time students, HK\$600 per person)  
The fee includes lecture notes, tea breaks and hands-on exercises in Computer Lab.

Certificate: An attendance certificate will be issued to each person who has completed the course.

Software: A 30% discount of VisualDOE is offered to workshop attendees if they purchase VisualDOE within two months after the workshop. The normal price of a commercial single license is US\$800, and an attendee only pays US\$560.

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.

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**REPLY SLIP**

To: Department of Mechanical Engineering  
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Pokfulam Road, Hong Kong  
(CPD Course: VisualDOE – A Green Design Tool)

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Cheque No.: \_\_\_\_\_ Full-time Student? Yes / No