



Professional (CPD) Workshops
Environmental and Sustainable Design

The Department of architecture, The Chinese University of Hong Kong is organizing a number of workshops related to the captioned topic in the coming academic year (2005-2006). They are part of our MSc offering and are also designed as CFD for Professionals working in the field wishing to learn more about the subject.

Envi-met workshop

(Envi-met is an outdoor thermal comfort micro-climate design software)

Dr Abraham Yezioro, Technion-IIT, Israel

2 full days of Sat and Sun 20 and 21 Jan 2006, 9am to 5pm

@ 7th Floor, DT Lab, Department of Architecture, Wong Foo Yuan Buildings, Shatin, NT, HK

Day 1

Basics

1. Defining Geometry (Editor) (ENVI-met): max/min grid sizes, boundary conditions.
2. Simulation (ENVI-met): Choosing the appropriate size model, defining variables (wind direction, speed, time, etc), checking the model.
3. Result analysis - 2D (Leonardo). Export results to excel. Saving bitmap. Color map definition. Bitmap background.
4. Results animation.

Day 2

1. Defining Geometry (Editor) (ENVI-met): Geometry possibilities. Defining probe points. Bitmap background.
2. Simulation (ENVI-met): Simulation path. Choosing the appropriate size model, defining variables (wind direction, speed, time, etc). Batching jobs.
3. Result analysis - 3D (Leonardo): Surface image. Sections. Checking probe points results and plotting results.

Dr Yezioro is with the Faculty of Architecture and Town Planning, Technion Israel Institute of Technology. His specialty fields relate to CAD in Architecture and Climate in Architecture. He is one of the founders of the Climate and Energy Lab. in Architecture. His research works include development of computer models for creation and evaluation on the climatic field. Among the recent research we can find the development of an Energy Code for buildings in Israel for Residential and Office Buildings, and developing Solar Rights Regulations in Israel. Both researches will impact greatly on the construction style and building forms. He is also CEO of HELIOS - Climate Energy CAD and Architecture Ltd. (Subsidiary of Dimotech, Technion Research & Development Foundation Ltd.) Consulting company in special issues in CAAD and Energy Conscious Design. Offering expert services to private and governmental organizations.

The 2 day workshop costs HK\$3,000. If you wish to reserve a seat, please send in a request to Attn: Esther Ho, MSc-CPD, Department of Architecture, CUHK, Shatin, NT, Hong Kong, with your name, profession, organization, contacts and a cheque payable to **The Chinese University of Hong Kong**. Further information, please visit www.sustain-cuhk.info OR contact Esther Ho (T:26096586)

MSc Programmes, Department of Architecture, CUHK, Shatin, NT, Hong Kong
Fax to 26035267 Attn: Esther Ho



I would like to enroll the workshop

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I am mailing you a cheque, payable to “**The Chinese University of Hong Kong**”, the workshop fee of HK\$ _____.

Name	_____	Profession	_____
Telephone	_____	Fax	_____
E-mail	_____	Company	_____
Address	_____		

*Application will be considered once the cheque is received. Successful application will be notified.
Your cheque will not be cashed if your application is unsuccessful.*