

PERFORMANCE-BASED DESIGN TRAINING

Course 1: Fundamentals
Modelling for Energy & Daylight Analysis

22ND AUGUST 2019

9AM TO 5:30PM

Venue:

Universiti Kebangsaan Malaysia
43600 UKM Bangi, Selangor, Malaysia

Limited to 20 pax on a first-come, first-served basis

2 LAM
CPD Points
Obtained

Free
30 Days
Software
Trial



TRAINING OUTLINE

This comprehensive one-day training is an effective way to introduce your design team to a performance-based design approach using the Sefaira Software, immerse them in an energy efficiency optimization process, and give them the ability to replicate it on your firm's projects. Participants will be given a hands-on opportunity with a completely functional Sefaira software throughout the training session.

Course 1: Fundamentals - Modelling for Energy & Daylight Analysis

BEGINNER/INTRODUCTORY

The goal of this course is an introductory course on Sefaira Architecture which gives an overview of the Performance Based Design process, core energy modelling and daylight analysis concepts. Basic geometry modelling process in SketchUp will be

taught during the course. The course will leave participants with the ability to model their buildings in SketchUp and analyze its passive design strategies in pursue of energy efficiency building design.

** Participants are required to bring a **laptop with SketchUp installed** for this training session.*

AGENDA

8:30am	Registration & Breakfast
9:00am	Session 1 <i>Building Science - Understanding basic building science, identifying key parameters commonly used in buildings</i>
10:30am	Morning Tea Break
11:00am	Session 2 <i>Introduction to Sefaira - General Features and Capabilities</i>
12:30pm	Lunch Break
1:30pm	Session 3 <i>SketchUp & Sefaira - Geometry Modelling Afternoon Tea Break</i>
3:00pm	Afternoon Tea Break
3:30pm	Session 4 <i>SketchUp & Sefaira - Achieving an energy efficient building with passive design strategies</i>
5:00pm	Q&A & Certification Collection
5:30pm	End

TRAINER PROFILE

Ar. Dr. Lim Chin Haw is currently a Senior Research Fellow at the Solar Energy Research Institute (SERI), Universiti Kebangsaan Malaysia. He obtained his Bachelor of Architecture (Hons.) from UTM, followed by Master of Science (Architecture) from University of Malaya and Ph.D (Renewable Energy) from UKM. He is both a Professional Architect and avid researcher in Passive and Low Energy Architecture with focus on Building Performance Simulation. He is a corporate member of Architects Association of Malaysia, member of Board of Architects Malaysia and was also appointed as the Board Member of Malaysia Green Building Confederation (MGBC) 2017-2018.

He started his career as a practicing Architect in 1992 and finally joining the academic fraternity as an academician and researcher in 2005 till today. As an active researcher and academician, he is well verse with numerous Energy Modelling and Performance Based Design software like Sefaira, IESVE and FloVENT. He has taught undergraduate architecture students and also supervised many Master and PhD students in the area of Building Performance Simulation.



Ar. Dr. LIM CHIN HAW

B. Arch (Hons.) UTM, M.Sc. (Arch.) UM,
Ph.D (Renewable Energy) UKM, APAM, LAM

REGISTRATION FEE

Student

RM450

Early Bird

RM500

Full Price

Public/Other

RM600

Early Bird

RM700

Full Price

** Early bird price valid until 26th July 2019*

PAYMENT DETAILS

Payable to : Suitcasehouz Services Sdn Bhd
Account No. : 3813 7681 05
Bank : Public Bank
Payment method : Cheque Bank Transfer

CASHBACK PROMO **Fundamentals - Modelling for Energy & Daylight Analysis**

Receive RM50 cashback on your training fee for each friend/colleague you successfully refer this training course to.

** Terms & conditions apply. Contact us for more details*



REGISTER NOW

For any enquiries, please email leroytan@suitcasehouz.com or call us at **+603 2858 6254**

Visit www.suitcasehouz.com for more information