



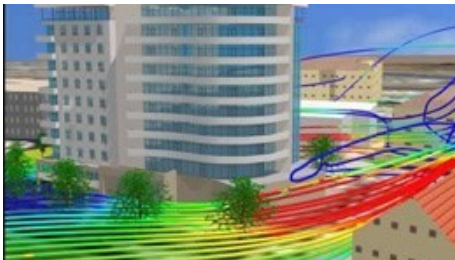
Workshop on CFD Simulation for Building and HVAC Industries

5th October, 2016 | 02.30pm to 04.30pm

CAD-IT Consultants (M) Sdn Bhd,
607, Block A, Kelana Centre Point, No 3, Jalan SS7/19, Kelana Jaya, 47301,
Petaling Jaya

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Introduction

Developing heating, ventilation and air conditioning (HVAC) systems takes into account factors such as room temperature, humidity and expected occupancy as well as heat loss through doors, windows and walls.

Understanding air flow in a building, vehicle or any other environment is key to creating the best design of an HVAC system. Cost containment and Eco-friendliness are important considerations as well. Virtual modeling gives engineers the opportunity to test a large number of options in a short period of time. In this way, designers can come up with the most cost-effective, energy-efficient, comfortable and appropriate system possible. Software from ANSYS helps engineers model and analyze the complex geometries of a room or structure; at the same time, it offers powerful meshing utilities and CAD integration.

Objectives

This workshop provides an overview of ANSYS CFD in applications involving fluid dynamics analysis (on 3D air flow distribution, temperature distribution, smoke propagation and solar loading) for building and HVAC industry.

Who should attend?

Design Engineers, Project Engineers and Researchers in building and HVAC industries

Highlights

Hands-on and Q&A session

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Presenter Profile

Muhamad Norfazli Bin Muhamad Amin is an Applications Engineer at CAD-IT Consultants (M) Sdn Bhd. He graduated from Carleton University, Canada with a degree in Mechanical Engineering. He has used ANSYS while at University, to design and simulate his University's Shell Eco-Marathon car. He has worked as a Technical Officer for the F1 in School Technology Challenge Competition, (Regional and Finals) prior to joining CAD-IT. Fazli now provides technical support for ANSYS CFD solutions.



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