

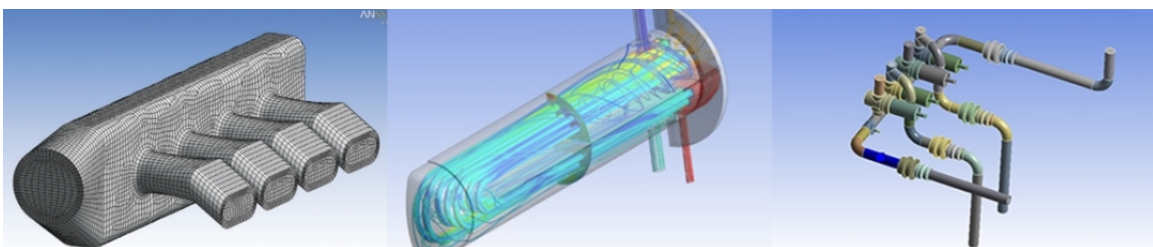
Workshops on Performing Structural and Fluid Dynamics Analysis

Register now for this one day Structural and Fluid Dynamics workshops intended to familiarise you with ANSYS technology.

You will learn how to clean and set-up geometry for a structural / CFD analysis, mesh it appropriately for the analysis, setup, solve and post-process the results from ANSYS Mechanical / ANSYS Fluent

This workshop is intended for people who have had little or no experience with ANSYS Mechanical and/or ANSYS FLUENT and want a quickstart on how to use the software for their application.

Register now.



Fluid Dynamics Workshop

20th September 2017 | 9 am - 5pm

CAD-IT Consultants (Asia) Pte Ltd,
159 Sin Ming Road #03-05 Amtech Building,
Singapore 575625

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Fluid Dynamics Workshop Agenda

- Geometry handling with Spaceclaim (presentation)
 - Geometry clean up and repair
 - Fluid domain creation
- Meshing with Workbench meshing (presentation)
- Introduction to Fluent (presentation)
 - Boundary condition
 - Heat transfer
 - MRF
- Workshop Session

Structural Workshop

27th September 2017 | 9 am - 5pm

CAD-IT Consultants (Asia) Pte Ltd,
159 Sin Ming Road #03-05 Amtech Building,
Singapore 575625
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Structural Workshop Agenda

- Geometry handling with Spaceclaim (presentation)
 - Geometry clean up and repair
- Meshing with Workbench meshing (presentation)
 - Contact setup etc
- Introduction to ANSYS Mechanical (presentation)
 - Linear and non-linear analysis
 - Dynamic analysis
 - Vibration and modal analysis
- Workshop session

Presenters' Profile



Dr Lee Yong Jiun (left) is a Technical Manager with CAD-IT. He graduated from National University of Singapore with a PhD in Mechanical Engineering. His Research Focus was on Thermal management in Electronics, primarily using ANSYS solutions.

Dr Lee was with the Institute of Microelectronics and served as Project Leader to design, fabricate and characterize a package level thermal management solution. He has also worked for INTEL Technology as Assembly Technology Development Engineer, where his primary responsibility of the job was to develop a robust flip chip assembly process for Intel next generation chipsets. Dr Lee is responsible for the technical support of ANSYS CFD solutions.

Dr Lee is the trainer for the Fluid Dynamics Workshop on 20th September 2017

Hari Hara Sudhan (right) is currently the Applications Engineer for CAD-IT Consultants and part of a technical team that consists of more than 4 other PhDs consultants that support customers in various discipline domains.

He completed his Master of Science in Mechanical in National University of Singapore with his coursework focused on Design and Manufacturing. He specialized in structural simulation, and is currently providing consulting and post-sales technical support on ANSYS Workbench, Mechanical and nCode fatigue tool.

Hari is the trainer for the Structural Workshop on 27th September 2017



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