

Workshop on Design Optimization for Mechanical & CFD

30th September, 2016 | 2.00pm to 5.00pm

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

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With rapid advancements in technology, design engineers are under constant pressure to respond to changing market demands for innovative products/process with optimized performance. Optimization is frequently used to arrive at the best design decision to meet multi-objectives such as performance, reliability, material usage and cost.

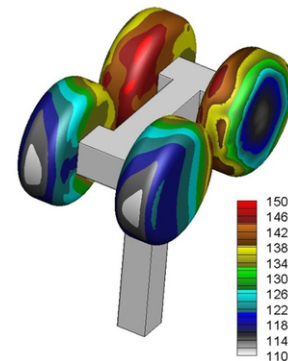
The best design point is often the result of a trade-off between various objectives. Hence, it is important to gather enough information about the current design so as to be able to quantify the influence of design variables on the performance of the product in an exhaustive manner.

ANSYS DesignXplorer can be utilized to explore, understand & optimize the engineering challenges and helps the engineering team strike the right balance between the many trade-offs in the typical design process. DX enables users to define the design space, identify the relevant design parameters that the design is sensitive to, and optimize the design by adjusting those parameters.

Join us for a hands-on session, and have a quick glance on setting up of parameters in ANSYS Mechanical & CFD, and running goal driven optimization study in DesignXplorer.

Presenter Profile:

Hari Hara Sudhan is currently Applications Engineer for CAD-IT Consultants and a part of technical team that consists of more than 4 other PhD consultants that support customers in various discipline domains. He completed his Master of Science in Mechanical from National University of Singapore with his coursework focused on Design and Manufacturing.





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