Shape Optimization Workshop

Shape Optimization using GENESIS & Design Studio

What will be covered:

- Overview of GENESIS and Design Studio Features and Capabilities

- Introduction to Shape Optimization

- Creating Optimization Data Using Design Studio

- Morphing using Design Studio

- Performing Topography Optimization

- Freeform Optimization Setup

- Post-processing of Optimization Results with Design Studio

- Updating the model based on Shape Optimization Results

- Hands-on Exercises will be Solved by Attendees with Instructor Help

About:

This workshop will provide an in-depth look at shape, topography and freeform optimization using GENESIS and Design Studio. In this workshop we will look at the basics of shape optimization. Attendees will also learn about Topography Optimization and explore Freeform Optimization, a new shape optimization capability. This special shape optimization capability allows the user to find the best location and shape of rib patterns that stiffen solid structures. It can also be used to find the best location of grids in any type of structure.

Registration Information

If you have any questions regarding the workshop, please contact Phani Adduri (e-mail: padduri@vrand.com) (phone: 248-596-1611 x101).
Early registration is encouraged due to limited seating.

Cost:
FREE

Date & Location:
March 4, 2011 - 8:30 a.m. till 4:30 p.m.
41700 Gardenbrook, Suite 115, Novi MI 48375

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