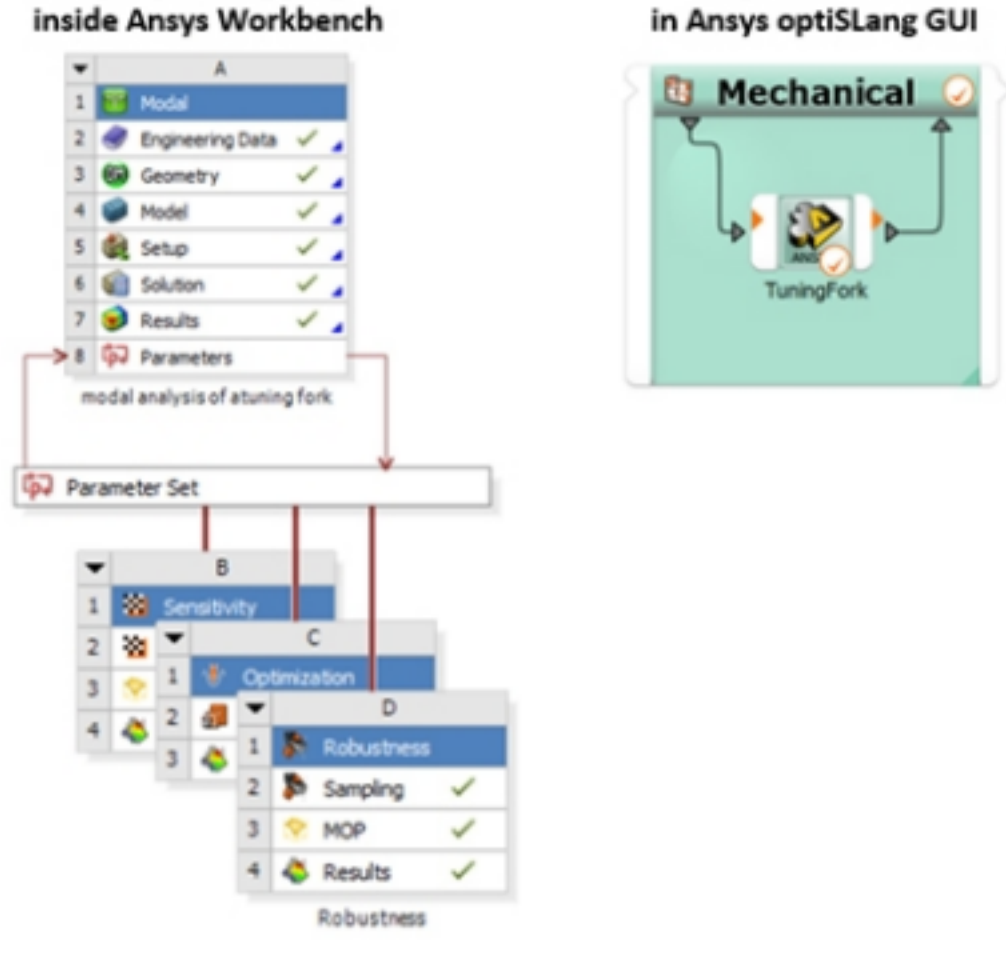


Enhance your Ansys Workbench Simulations Using Ansys optiSLang

May 18, 7:00 AM PT



Speaker: Tino Dannenberg, Senior Application Engineer, Ansys

If you standardized your multiphysics analysis in Ansys Workbench, you could enhance your analysis with Ansys optiSLang with the added benefit of integration with third-party tools, parallel computing possibilities, etc.

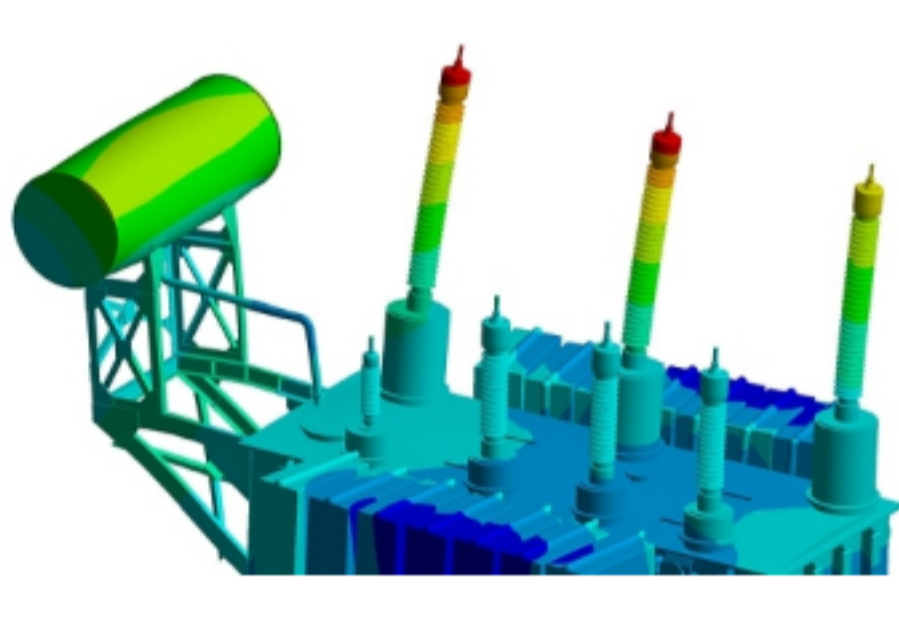
Below are the topics we will cover:

- How to combine the advantages of Ansys optiSLang with your already established multiphysics analyses.
- Integration of Ansys Workbench into the independent graphical user interface of Ansys optiSLang to gain additional capabilities. For example, additional tools (also third-party tools) can be linked to Ansys Workbench.
- Finally, signal processing in Ansys Workbench, file handling and the possibilities of parallel computing will be discussed.

[Register](#)

Structures under Thermal Stress Linear & Non-Linear FEA Applications

Saturday, June 5, 9:00 AM - 4:00 PM PDT



Speaker: Dr. Metin Ozen, Ozen Engineering

This training seminar, hosted by the ASME Santa Clara Valley Section and presented by Ozen Engineering, will outline procedures on how to perform linear and non-linear thermal and coupled thermal-stress Finite Element Analyses.

There will be specific examples on what a linear structural analysis is and what makes a structural analysis non-linear. Similarly, on heat transfer (thermal) simulations, there will be specific examples on linear simulations and the characteristics of a non-linear heat transfer simulation. There will also be an example on covering theory and application of coupled thermal-stress analysis.

During the seminar, application problems will be set up and run live. Use of the software is not required for this seminar. No experience with ANSYS is needed for this seminar.

[Register](#)

You will learn:

- Linear Structural & Heat Transfer FEA
- Non-Linear Structural & Heat Transfer FEA
- FEA Meshing Considerations
- Material Properties for FEA
- Boundary conditions for Structural & Thermal FEA
- Thermal-Stress Analysis
- Static (Steady-State) versus Time-Dependent Problems

Cost:

- Non-Member: \$109
- ASME Member or Engineering Society affiliation*: \$69
- ASME Student, Unemployed, or Retired Member: \$49

Did you know?

A bit of trivia to hopefully enlighten your day and amaze your family and fellow engineers.

Did you know:

- the average hen lays 228 eggs a year
- the average bank teller loses \$250 every year
- the average cow produces 40 glasses of milk a day
- the vocabulary of the average person is between 5,000 to 6,000 words
- there is enough petrol in a full tank of a Jumbo Jet to drive the average car 4 times around the world

Upcoming Ansys Webinars

You can also view all of the upcoming webinars by visiting our [Training Calendar](#).

[Thermal Performance of Inverter Bus Bars with Complex Harmonic Content](#)

May 6, 2021 - 8:00 AM PDT

This webinar spotlights Ansys 2021 R1's new capabilities for coupling accurate loss density calculations to thermal solvers for predicting the temperature of bus bars.

[Teaching Design-Led Materials Science](#)

May 11, 2021 - 8:00 AM PDT

Learn an alternative approach to teaching materials science that emphasizes a cohesive engineering design philosophy and teaches students how to "think like a materials engineer."

[Ansys Fluid-Structure Interaction Simulation for Muzzle Brake Structural Integrity](#)

May 12, 2021 - 8:00 AM PDT

This webinar will demonstrate how Ansys Fluent and Ansys Mechanical can be used to compute the loads which muzzle brakes are subjected to and the resulting stresses and deformations of the structure.

[Practical Ports for Perfect Performance](#)

May 13, 2021 - 8:00 AM PDT

Learn how to optimize the entire signal path when designing high-performance interconnect solutions, and how to choose various port types for your applications.

Try Ansys Cloud with a Free Trial!

CLOUD

Address

Ozen Engineering, Inc
1210 E Arques Ave #207
Sunnyvale, CA 94085

Sales

P: (408) 732-4665
E: sales@ozeninc.com

Support

P: (408) 732-4665
E: support@ozeninc.com