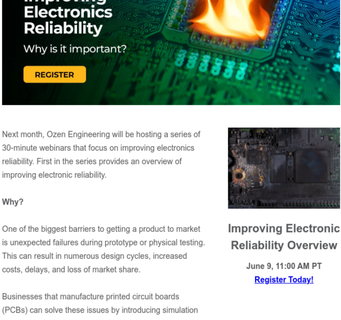
Ozen

Ansys
CERTIFIED ELITE CHANNEL PARTNER

Improving Electronic Reliability Webinar Series

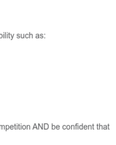


Next month, Ozen Engineering will be hosting a series of 30-minute webinars that focus on improving electronics reliability. First in the series provides an overview of improving electronic reliability.

Why?

One of the biggest barriers to getting a product to market is unexpected failures during prototype or physical testing. This can result in numerous design cycles, increased costs, delays, and loss of market share.

Businesses that manufacture printed circuit boards (PCBs) can solve these issues by introducing simulation early in the design cycle to determine and predict reliability before physical testing.



Improving Electronic Reliability Overview

June 9, 11:00 AM PT
Register Today!

Future webinars will focus on specific aspects of electronic reliability such as:

- Thermal
- Mechanical
- Electrical stressors

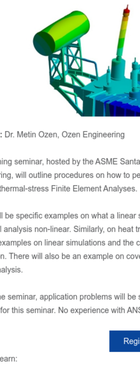
Overall, the primary questions to be addressed are:

- How do I meet urgent market demands faster than my competition AND be confident that my product is reliable?
- How does simulation save me money and expedite the design cycle?
- What are the current drivers of electronics reliability?
- What kinds of analysis and testing can I perform using simulation software?

Please plan to join us for one or more of these informative, 30-minute webinars. If you happen to miss a live webinar, we will be making the video recordings available. Just let us know by contacting us at info@ozeninc.com.

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.

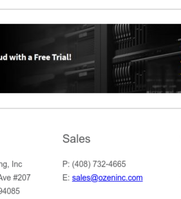
Below are the topics we will cover:

- 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 g 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:

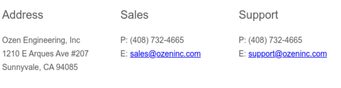
- Mount Everest is 5.5 miles high
- Buckingham Palace has over 600 rooms
- there are 132 rooms in the US White House
- Niagara Falls could fill 4,000 bathtubs every second
- the Taj Mahal in India is made entirely out of marble

Upcoming Ansys Webinars

You can also view all of the upcoming webinars by visiting our Training Calendar.

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.



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