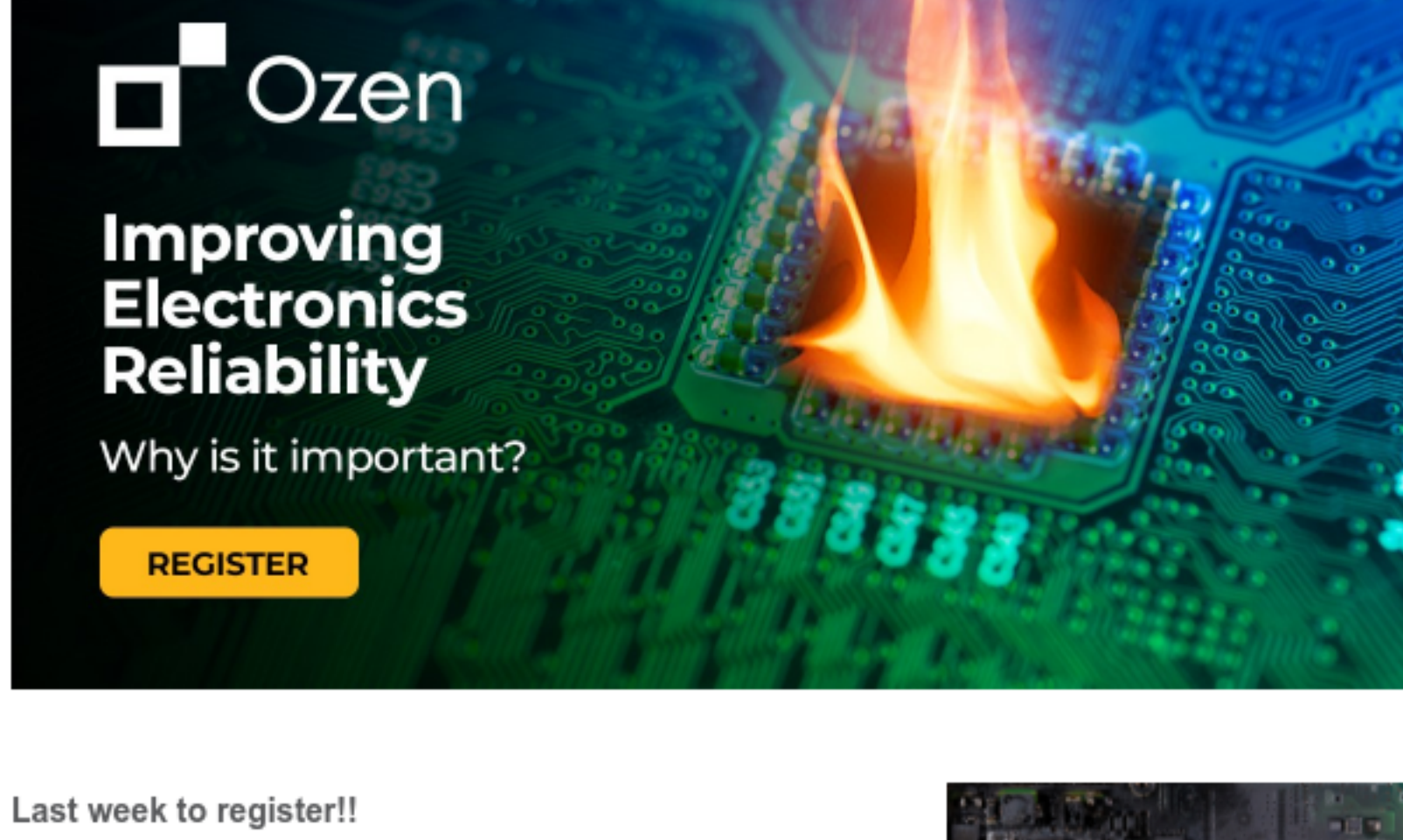


Improving Electronics Reliability Webinar Series



Last week to register!!

Starting next week, 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 is it important?

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.

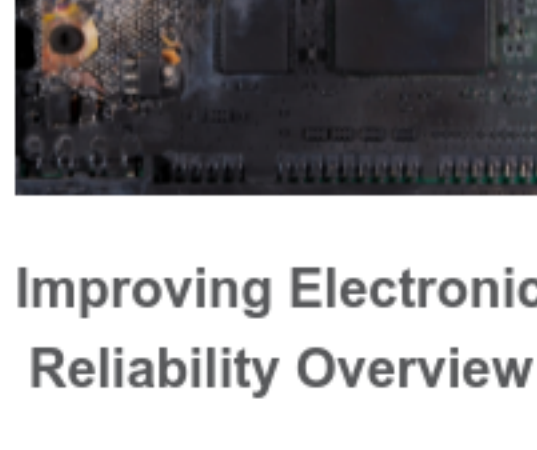
Also consider registering for one of the follow-on webinars that focus on specific aspects of electronic reliability such as:

- [Thermal Reliability](#), June 16, 11:00 AM PT
- [Mechanical Reliability](#), June 23, 11:00 AM PT
- [Comprehensive Multiphysics](#), June 30, 11:00 AM PT
- [Reliability Physics Analysis](#), July 7, 11:00 AM PT

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.



Improving Electronic Reliability Overview

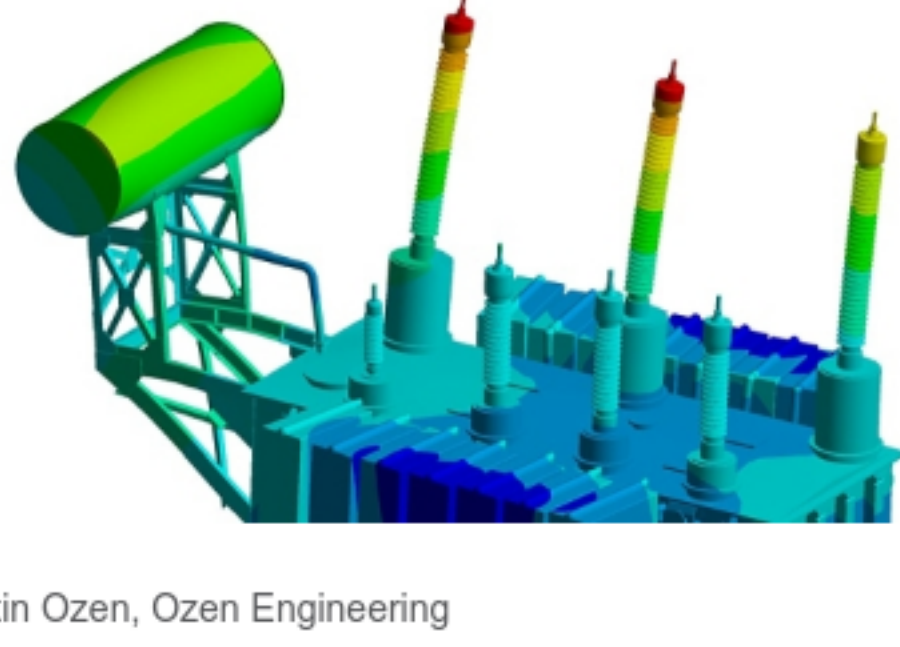
June 9, 11:00 AM PT

[Register today](#)

Don't forget to register for the follow-on webinars (see below)

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:

- hummingbirds can't walk
- 85% of plant life is found in the ocean
- August has the highest percentage of births
- months that start on a Sunday will always have a Friday the 13th
- apples are more effective at waking you up in the morning than coffee

Upcoming Ansys Webinars

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

[Improving Productivity in A&D with Solution-Driven Mesh Adaption](#)

June 3, 2021 - 7:00 AM PDT

This mini webinar highlights how to increase productivity and efficiency through solution-driven mesh adaption. Additionally, this webinar will spotlight the new GUI-based adaption workflow, easy-to-use setup and new pre-defined adaption criteria for external aerodynamic applications.

[Make Better Decisions in Less Time with Structural Analysis](#)

June 3, 2021 - 8:00 AM PDT

This webinar highlights how Ansys Discovery combines interactive real-time simulation with Ansys flagship technology in a single user-friendly interface. You will learn how to iterate quickly to explore design scenarios faster in your product design process.

[Explicit Sheet Metal Forming Analysis with Ansys LS-DYNA](#)

June 9, 2021 - 6:00 AM PDT

Simulation of sheet metal forming is a common application of Ansys LS-DYNA. In this webinar, we will present a typical simulation setup for this process and introduce some special applications of LS-DYNA.

[Battery Designer and Materials for Transportation](#)

June 9, 2021 - 8:00 AM PDT

Learn how to introduce students to general battery design concepts and explore batteries for electrification of transportation using Ansys Granta EduPack.

[Finding the Most Cost-Effective Material for Your Application](#)

June 9, 2021 - 8:00 AM PDT

Learn how Ansys Granta Selector has the tools to help you innovate, resolve materials issues, reduce cost and validate your materials choices, so you can find the most cost-effective material for your application.

[How Ansys Simulation is Revolutionizing the Future of Additive Manufacturing](#)

June 10, 2021 - 8:00 AM PDT

Learn how Ansys simulation solutions are accelerating the adoption of additive manufacturing by enabling more effective designs for additive manufacturing, dramatic decreases in failed builds and increases in machine productivity.



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