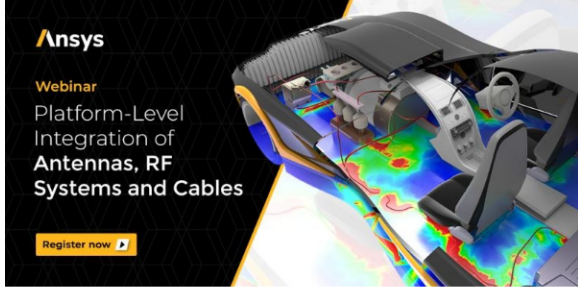


Platform-Level Integration of Antennas, RF Systems and Cables

July 14, 8:00 AM PT



Speakers: Matt Miller and Fred German

Virtually every modern platform includes RF systems for a variety of functions including navigation, communication, surveillance and sensing. These RF systems are connected to antennas via cables routed through the vehicle or any other platform. Integrating these systems on the platform in a way that achieves interference-free operation for all systems is a challenging problem due to close proximity and multiple potential coupling paths.

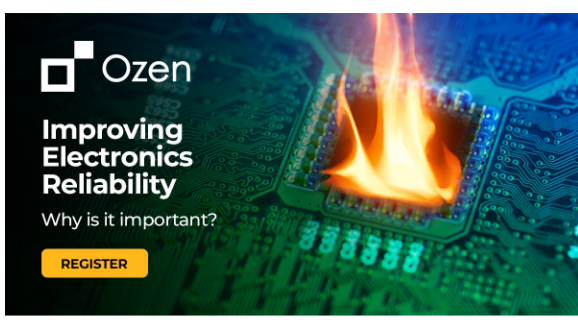
What you will learn

Join us to learn how advanced simulation software and measurement help you address the challenges of integrating many RF systems and the associated cables, antennas, filters and other RF components into platforms. This webinar is applicable to a wide variety of platforms including automotive, aerospace, naval, rail and electronics.

- Learn how Ansys HFSS, Ansys SIwave, and Ansys EMA3D Cable are used to compute S-parameters between cables, antennas and PCBs.
- Discover how the Automated Radio Measurement System (ARMS) is used to measure broadband performance of transmitters and receivers.
- Understand how EMIT is used to perform system-level analysis incorporating data from simulation and measurement.

[Register](#)

Improving Electronics Reliability Mechanical Reliability & Comprehensive Multiphysics



Continuing with our informative webinar series on "Improving Electronics Reliability", the last session will focus on reliability physics analysis.



Improving Electronics Reliability

Reliability Physics Analysis

July 7, 11:00 AM PT

[Register today](#)

If you missed the live webinars, the video recordings are available:

- [Improving Electronics Reliability Overview](#)
- [Improving Electronics Reliability- Thermal Reliability](#)
- [Improving Electronics Reliability - Mechanical Reliability](#)

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 this last informative, 30-minute webinar.

Did you know?

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

Did you know:

- Venetian blinds were invented in Japan
- chocolate manufacturers use 40% of the world's almonds
- the yo-yo was originally used as a weapon for hunting in the Philippines
- 70% of all Irish barley grown goes towards the production of Guinness beer
- arachibutyrophobia is fear of peanut butter sticking to the roof of your mouth

Upcoming Ansys Webinars

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

[From Functional Safety Analysis to Certified Software Development](#)

July 1, 2021 - 8:00 AM PDT

Learn how to combine key safety analysis methods and embedded software development capabilities to efficiently ensure the functional safety of VTOL aircraft, mitigate cybersecurity threats, and develop certified mission and flight software.

[Lamborghini Shares Best Practices in Materials Data Management](#)

July 7, 2021 - 6:00 AM PDT

Learn how Lamborghini, partnering with Ansys Granta, began their materials digitalization journey by creating a composites test data management workflow that reduced costs and streamlined their engineering processes.

[From the Concept of Operations \(ConOps\) to Mission Validation](#)

July 8, 2021 - 8:00 AM PDT

Learn how to support activities from system development to system operation in VTOL development by simulating an unlimited number of complex scenarios within a concept of operations.



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