

## [Ansys Discovery and Fluent Webinar Series](#)



This webinar series explores how you can leverage Ansys Discovery's real-time physics simulation and harness the power of Ansys Fluent inside Discovery to determine if your "best design" holds true to your performance goals. We will also showcase how engineering analysis can help optimize the design and operation of ventilation systems for the transportation industry. Finally, we will highlight how Discovery combines interactive real-time simulation with Ansys flagship technology in one single, user-friendly interface.

[Learn More](#)

## [Material Intelligence with Ansys Granta](#)

Every product is made from materials.



Every product is made from materials. Managers, engineers, scientists and designers need to base decisions and analysis on the right information about those materials. And enterprises need to build and manage "material intelligence" as a key component of their digital transformation strategies. The Ansys Granta product range can help.

To learn more about Ansys Granta products, please join us for these upcoming webinars.

## [Ansys 2021 R1: What's New for Granta MI](#)

February 3, 2021 - 8:00 AM PST

Learn about the latest advances in Ansys Granta MI in our latest release, Ansys 2021 R1, including an enhanced user interface, new ways of scaling the product in enterprise deployments and the latest updates in materials data.

## [Ansys 2021 R1: What's New for Granta Selector](#)

February 4, 2021 - 8:00 AM PST

Learn about the latest features of Ansys Granta Selector in our most recent release, Ansys 2021 R1, including new features and data to help you find the best materials for your applications to save cost, time and weight while improving performance.

## Did you know?

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

Did you know:

- the safest car color is white
- crocodiles never outgrow their enclosure
- it's physically impossible for pigs to look up at the sky
- the most common mental illnesses are anxiety and depression
- hippopotamuses have killed more people in Africa than any other animal

## More Upcoming Ansys Webinars

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

## [Why Electrical Overstress Ranks High in the Failure Pareto](#)

January 21, 2021 - 8:00 AM PST

This webinar discusses the possible root cause of EOS failures, why it ranks high in the failure pareto, and how you can mitigate EOS failure risks.

## [Ansys 2021 R1 Update: EMA3D Cable Faster EMC Solving for Large Systems](#)

January 26, 2021 - 8:00 AM PST

Join us for this webinar which showcases new Ansys EMA3D Cable features to help you streamline manual cable design.

## [Ansys Maxwell in Ansys 2021 R1: More Detailed Simulation for Electric Drive Applications](#)

January 28, 2021 - 8:00 AM PST

Learn about new features in Ansys Maxwell, including a cyclic repeatability simulation technique for electric motor applications, a method to output transient electromagnetic forces from Maxwell into Ansys Motion, and a transient solver with multi-terminal conductor support on a single conduction path.

## [Ansys 2021 R1: Embedded Software Solutions for Automotive](#)

January 28, 2021 - 8:00 AM PST

This webinar previews the latest SCADE enhancements in Ansys 2021 R1 and explores how you can integrate these features to substantially advance your embedded software development projects.

## [Ansys 2021 R1 Signal and Power Integrity Update](#)

February 2, 2021 - 8:00 AM PST

Learn about new features in Ansys SIwave, including a DDR Wizard for automated PCB design, support for the Ansys Granta material library and differential net time domain crosstalk scan.

## [Electrical Insulation Stresses in PWM-Driven Electric Machines](#)

February 2, 2021 - 8:00 AM PST

Learn about finite element modeling, mathematical modeling and experimental testing of the voltage stress and current distribution inside electric machine windings driven by PWM voltage excitations.

## [Motor-CAD in Ansys 2021 R1: Multiphysics Electric Motor Design and Optimization](#)

February 3, 2021 - 8:00 AM PST

This webinar showcases the latest release of Ansys Motor-CAD, delivering a detailed look at its many new capabilities for multiphysics electric motor design. We will spotlight Motor-CAD's powerful new features for design optimization, multiphysics analysis and system modeling for electric motors.

## [Ansys 2021 R1: Ansys medini analyze Updates](#)

February 3, 2021 - 8:00 AM PST

This webinar showcases Ansys medini analyze's many enhancements delivered in Ansys 2021 R1 and discusses how you can integrate these features to substantially advance your safety-related activities.

## [Ansys Lumerical 2021 R1 Highlights](#)

February 3, 2021 - 10:00 AM PST

This webinar highlights how to optimize CMOS image sensor cameras with Ansys Lumerical FDTD, Ansys Lumerical CHARGE and Ansys SPEOS.

## [HFSS in Ansys 2021 R1: Redefining What's Possible with Mesh Fusion](#)

February 4, 2021 - 8:00 AM PST

This webinar spotlights Ansys HFSS in our latest release, Ansys 2021 R1, and provides a detailed look at its new groundbreaking Mesh Fusion technology. Discover how you can break the rules, achieve better designs and deliver breakthrough products with more functionality than ever before.

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