

Ansys Level Up 2.0

October 20, 7:00 AM PT



This year, Ansys Level Up 2.0, a free virtual conference, is bigger and better than ever. We're leveling up our sessions with more products, innovative solutions and new opportunities for beginner, intermediate and veteran engineers alike to advance their simulation journeys.

Hear from industry experts, start-ups, customers, application engineers and more on best practices, lessons learned, latest advances & capabilities and the workflows that will improve your own product designs. This is your opportunity level up your simulation skills and connect with experts in different industries on how they leverage simulation to reduce prototyping, save valuable engineering time and revolutionize their products.

[Register](#)

Ansys Material Intelligence Day

November 3



Practically every simulation involves the selection of some type of material. Selecting the most appropriate material is usually an engineering judgement that consists of evaluating several trade-offs ... strength & machinability (structural), viscosity (fluids), temperature & corrosion resistance, cost, availability, etc.

Ansys Material Intelligence Day will showcase best practice from across industry, research and academia.

Confirmed Speakers: NASA, Rolls-Royce, Lamborghini, University of Cambridge, Garrett Motion, Carnegie Mellon University...

Join thought-leaders in a LIVE panel to discuss the future of materials

- How did they do it? Customers talk best practice on building material intelligence using Ansys Granta tools
- Innovation on-demand with insight into the areas of Materials Research and Academia
- LIVE demos, tips, tricks and more from our material experts

One Day. Nine Tracks. Unlimited Possibility.

This event is for those in industry, research or academia already using Ansys Granta products or wanting to use accurate and traceable materials information as an input to their simulation or design.

Industry

- Material Digitalization
- Environmental, Social & Governance
- Solving Materials Challenges

Research

- Additive Manufacturing
- Material 4.0
- Materials for Electronic Applications

Education

- Innovation in Materials Education
- Infusing the Curriculum with Sustainability
- Digital Multidisciplinary Teaching

[Register](#)

Did you know?

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

Did you know:

- crows often hold grudges against specific people.
- pteronophobia is the fear of being tickled by feathers.
- cherophobia is the irrational fear of fun or happiness.
- in Switzerland, it is illegal to own just one guinea pig.
- banging your head against a wall for one hour burns 150 calories.

Upcoming Ansys Training Schedule

Ozen Engineering offers a variety of Ansys software training classes that allow users to educate themselves on how to make better use of the wide-ranging capabilities of Ansys simulation software.

Both introductory and advance level classes are available and taught by experienced and knowledgeable Ozen engineers.

Students can attend "in person" at our Sunnyvale, CA office or "remotely" from their office or home using GotoMeeting video conferencing.

To learn more, click on the link below for class description and cost. Feel free to contact us at training@ozeninc.com or (408) 732-4665 to discuss any of these classes or any specific training needs.

- [Introduction to ANSYS Maxwell](#), October 19 - 20
- [Ansys Twin Builder Getting Started](#), October 21
- [Introduction to ANSYS SpaceClaim Direct Modeler](#), October 22
- [ANSYS Mechanical Linear and Nonlinear Dynamics](#), October 26 - 27
- [ANSYS Mechanical APDL One-day Quickstart](#), October 28
- [ANSYS CFX Multiphase Flow Modeling](#), October 29
- [Introduction to ANSYS Mechanical](#), November 2 - 3
- [ANSYS Mechanical Quickstart](#), November 4
- [Introduction to ANSYS HFSS](#), November 5
- [Introduction to ANSYS CFX](#), November 9 - 10
- [ANSYS CFD Quickstart](#), November 11
- [Design Optimization with optiSLang](#), November 12
- [ANSYS Mechanical Basic Structural Nonlinearities](#), November 16 - 17
- [ANSYS Mechanical Heat Transfer](#), November 18
- [Introduction to ANSYS Meshing](#), November 23
- [Ansys SPEOS Getting Started](#), November 24

Upcoming Ansys Webinars

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

[Power Electronics and System Simulation for Energy Applications](#)

October 19, 2021 - 7:00 AM PT

This webinar spotlights how Ansys provides extensive, integrated tools for simulating power electronics, from 3D physics simulation of components to multilevel system simulation of drives, inverters, converters, and protection equipment.

[Additively Manufactured Biomedical Implants](#)

October 19, 2021 - 8:00 AM PT

Learn how the Ansys Additive portfolio helps in the development of medical additively manufactured (AM) implants.

[An Efficient AUTOSAR-Compliant Multicore Solution with Ansys SCADE](#)

October 20, 2021 - 6:00 AM PT

This webinar features an AUTOSAR-compliant solution that utilizes the Ansys SCADE MBD and ISO 26262-qualifiable ACG to create a highly efficient RTE-agnostic multicore application based on the example of a battery management system.

[5G mm-wave Physical Channel Modeling with EM Physics](#)

October 21, 2021 - 8:00 AM PT

Register to learn how electromagnetic physics simulation can help 5G communications system engineers create more accurate channel models in the mm-wave spectrum.



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