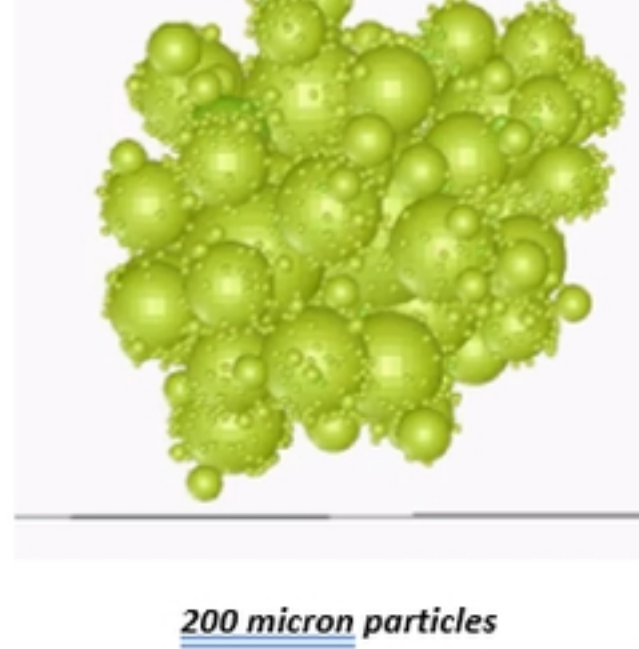


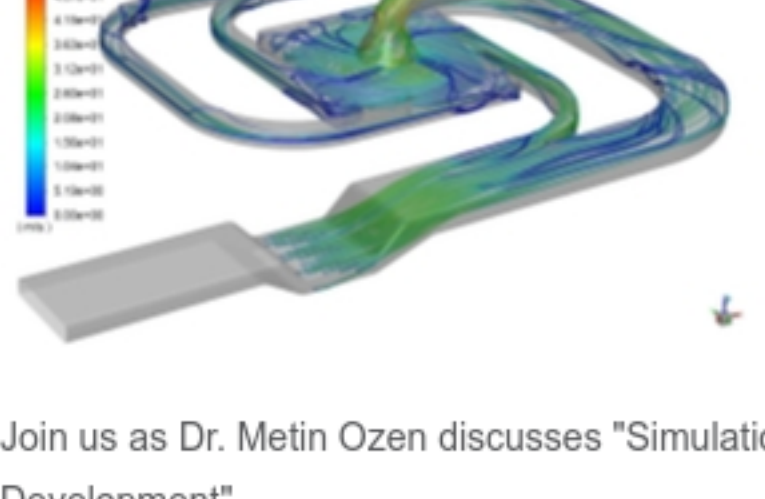
Simulation Best Practices for Medical Devices Design and Development

October 13, 11:00 AM PT

de-agglomeration



5 micron particles



200 micron particles



Join us as Dr. Metin Ozen discusses "Simulation Best Practices for Medical Devices Design and Development".

Ansys is spearheading the in silico medicine revolution by working across the healthcare ecosystem of policy makers, regional regulators, industry leaders, consortia (e.g. the Avicenna Alliance) and leading academics.

Healthcare companies rely on the accuracy of Ansys comprehensive simulation portfolio because they work with both regulators and industry standards organizations to develop best practices for predicting medical device and medical equipment behavior on the bench and when interacting with the human body. These models facilitate adoption and accelerate the regulatory approval process.

Their work is already having a significant impact. For example, their physics-based simulation solutions recently helped a leading North American medical device manufacturer shorten the time to approval and product launch by 2 years, also enabling them to reduce their cost of a single regulatory submission by \$10M.

[Register](#)

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](#)

Did you know?

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

Did you know:

- Mauna Kea in Hawaii is actually technically the tallest mountain in the world...if you measure from base to summit (rather than from the sea level).
- statistically speaking, 4 times as many people are killed each year by vending machines than are fatally bitten by sharks.
- there is a basketball court above the American Supreme Court. It's known as the **Highest Court in the Land**.
- there is a swirl of garbage in the Pacific Ocean, roughly the size of Texas. It's known as the **Great Pacific Garbage Patch**.
- a photon takes 200,000 years to travel from the sun's core to its surface. It takes only 8 minutes for it to hit your eye from the surface.

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 Mechanical](#), October 5 - 6

[ANSYS Mechanical Quickstart](#), October 7

[ANSYS AIM Multiphysics](#), October 8

[ANSYS Fluent Getting Started](#), October 12 - 13

[ANSYS CFD Quickstart](#), October 14

[ANSYS HFSS for Signal Integrity](#), October 15

[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

Upcoming Ansys Webinars

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

[Electronic Transformer Design and Sizing for High-Density Power Electronics](#)

September 30, 2021 - 6:00 AM PT

Learn how integrated simulation methods can combine transformer and circuit response to achieve optimal converter performance in high-density power electronics.

[Ansys 2021 R2: EMA3D Cable Update: Faster EMC Solving for Electronic Devices](#)

September 30, 2021 - 8:00 AM PT

Learn how the new features in Ansys EMA3D Cable can help you tackle electromagnetic interference (EMI) challenges including radiated emissions, radiated immunity, electrostatic discharge (ESD) and interference between systems integrated on a platform.

[Modeling the Digital Enterprise: An Approach to Organizational Modeling Through the Application of Enterprise Architecture & MBSE](#)

October 5, 2021 - 10:00 AM PT

Model-Based Systems Engineering (MBSE) has typically been used to model the lifecycles of products, systems, and missions. In this briefing, we will discuss the application of MBSE and enterprise architecture to develop models of an example organization with a mission to drive the adoption of technology at an enterprise scale.

[Steels in Mechanical Engineering: New Ways of Teaching a Classic](#)

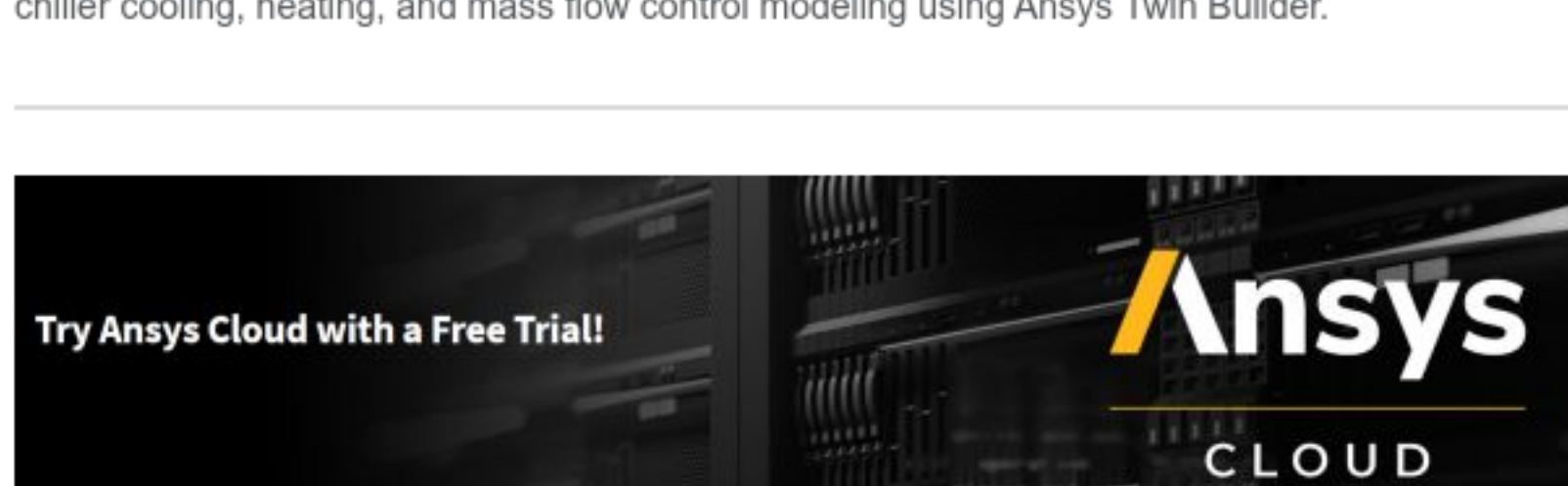
October 6, 2021 - 8:00 AM PT

Join our webinar showcasing how Ansys Granta EduPack and its associated teaching resources can be used to teach the broad yet fundamental topic of steel materials.

[Battery Energy Storage System Modeling in Ansys Twin Builder](#)

October 7, 2021 - 8:00 AM PT

Learn how Wartsila has been using Ansys simulation technology across a range of critical battery energy storage system (BESS) components to build a dynamic system model, including chiller cooling, heating, and mass flow control modeling using Ansys Twin Builder.



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