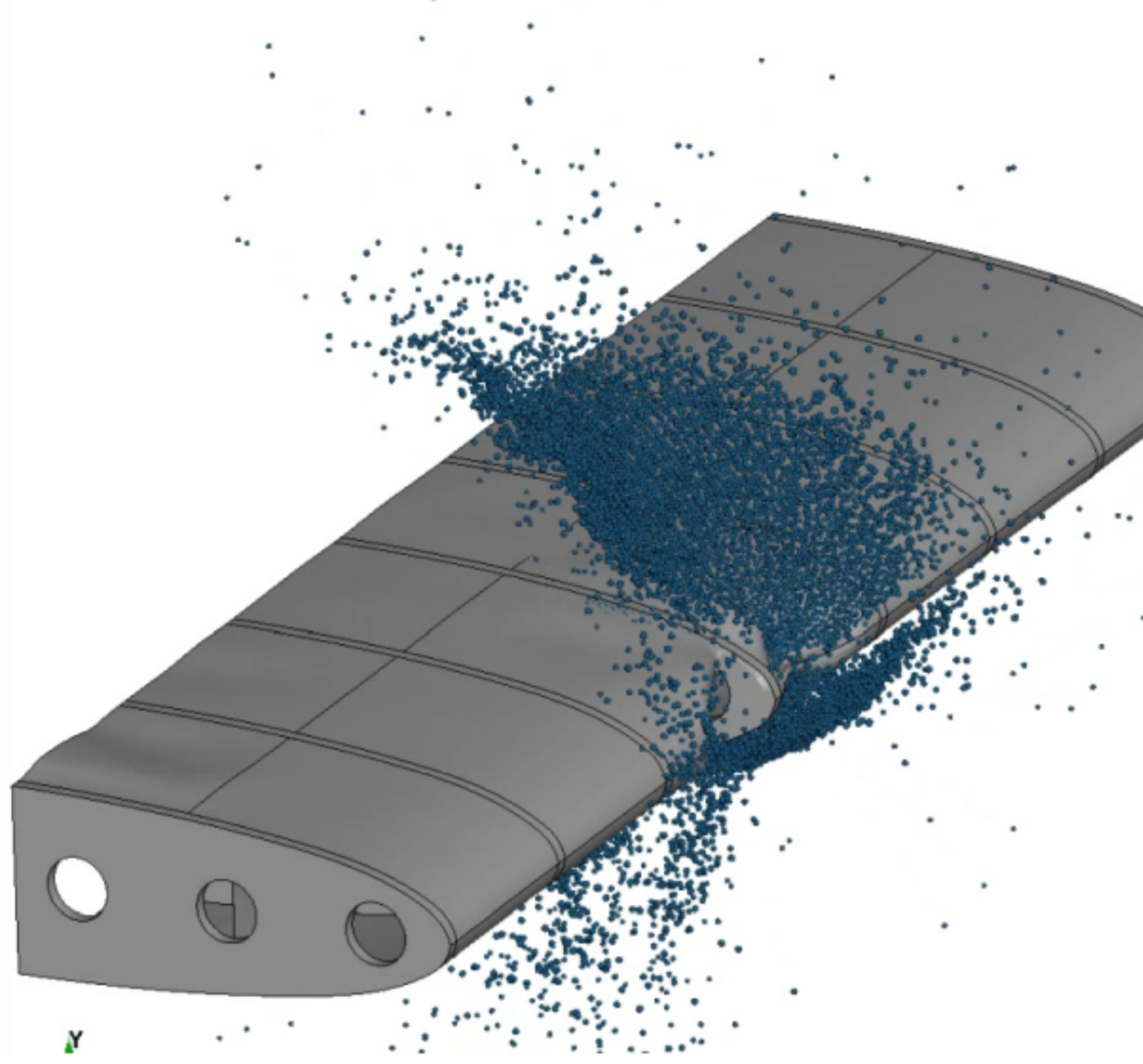


Ansys 2021 R2: What's New in Ansys LS-DYNA

August 31, 8:00 AM PDT



Speakers: Siddharth Shah, Alex Pett

Ansys 2021 R2 release, LS-DYNA offers enhanced intelligent and advanced implicit and explicit solvers, improved workflows and more. In this What's New webinar you will learn:

- Ansys LS-DYNA 2021 R2 release empowers users to run large jobs and overcome hardware capacity limitations with high-performance computing ARM and Ansys Cloud support for Ansys LS-DYNA.
- Ansys LS-DYNA continues to develop new capabilities to the solver as well as continues integration into mechanical. Mechanical integration updates include new LS-DYNA technology support – Smooth Particle Hydrodynamics (SPH), Arbitrary Lagrangian Eulerian (ALE) and implicit – explicit solutions that enable workflows like pre-stress loading and restarts for drop-test simulations.
- LS-DYNA solver continues to add exciting new features in many areas like Iso-geometric Analysis (IGA), advanced materials, Smooth Particle Galerkin (SPG), and complex multi-physics which can be used for battery-abuse modeling, electro-physiology, and many more areas.

[Register](#)

Ansys 2021 R2: What's New with Ansys Mechanical

August 18, 8:00 AM PDT



Speakers:

Richard Mitchell, Director Product Management, Ansys

Sachin Verghese, Senior Director R&D, Ansys

Discover the new features we've added to Ansys Mechanical in our latest release. Highlights include unlimited modeling possibilities with journaling and scripting in the Mechanical interface and increased meshing efficiency and quality for shell meshing, among many others.

What Attendees Will Learn

- Unlimited modeling possibilities with journaling and scripting in the Mechanical interface. Users can now embed Python scripts directly into their models.
- Increased meshing efficiency and quality for shell mesh and new seam weld capabilities with the addition of heat effected zones.
- Streamlined multistage analysis with differing cyclic symmetry sector counts deliver tremendous time saving by reducing the model size and run time by up to 50X.
- Continued integration of LS-DYNA technologies in Mechanical – Smooth Particle Hydrodynamics (SPH), Arbitrary Lagrangian Eulerian (ALE) and implicit – explicit solutions that enable workflows like pre-stress loading and restarts for drop-test simulations.

[Register](#)

Ansys 2021 R2 is available for download on the [Ansys Customer Portal](#).

If you need assistance with downloading or installing Ansys 2021 R2, please contact us at (408) 732-4665 or support@ozeninc.com.

Learn more about Ansys 2021 R2 by joining one or more of the [upcoming webinars](#).

Did you know?

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

Did you know:

- Tim Berners-Lee coined the phrase "World Wide Web" in 1990.
- that one third of the world population has never made a telephone call?
- around 220 million tons of old computers and other electronic devices are disposed in the United States each year.
- The earth's circumference is about 25,000 miles. Its surface area is about 200,000,000 square miles and it weighs 6,588,000,000,000,000,000,000 tons.
- The Internet is the fastest-growing communications tool ever. It took radio broadcasters 38 years to reach an audience of 50 million, television 13 years, and the Internet just 4 years.

Upcoming Ansys Webinars

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

[Ansys 2021 R2: Ansys Sherlock and Electronics Reliability Update](#)

August 24, 2021 - 10:00 AM PDT

This webinar spotlights major updates to Ansys Electronics Reliability solutions in Ansys 2021 R2. Ansys Electronics Reliability solutions feature comprehensive workflows involving Ansys Sherlock, Ansys Mechanical, Ansys Icepak, Ansys LS-DYNA and more.

[Ansys 2021 R2: Ansys Discovery Update](#)

August 25, 2021 - 8:00 AM PDT

This webinar showcases how Ansys Discovery's updates in Ansys 2021 R2 expand simulation capabilities and ease of use for every engineer to unlock innovation and increase productivity throughout the product development process.

[Longboard Design with Ansys Mechanical and Granta EduPack](#)

September 1, 2021 - 8:00 AM PDT

In this webinar we will showcase how to bring together key concepts in optimal materials selection and optimal design using Ansys Mechanical and Ansys Granta EduPack.



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