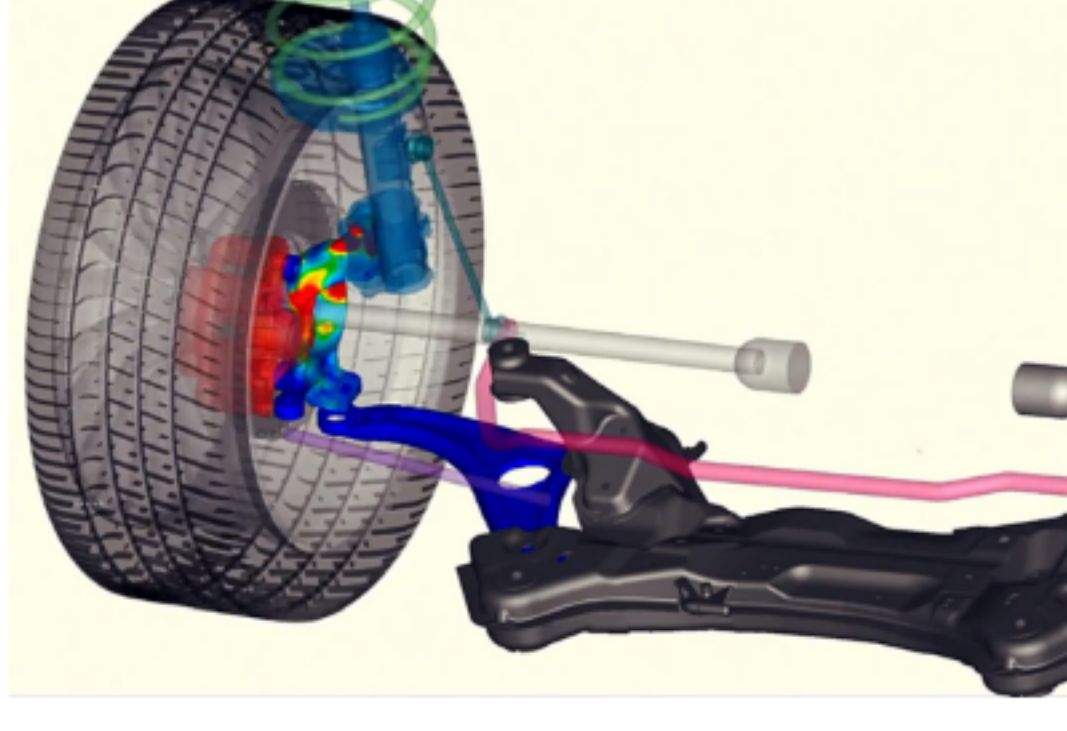


Introduction to Ansys Motion

April 28, 8:00 AM PDT



Speaker: Alexander Pett, Senior Product Manager, Ansys

Ansys Motion is an advanced multibody dynamics solver which enables fast and accurate analysis of rigid and flexible bodies. It evaluates physical events accurately by analyzing the mechanical system as a whole.

This webinar spotlights Ansys Motion's four tightly integrated solving schemes: rigid body, flexible body, modal and mesh-free EasyFlex. This gives you unparalleled capabilities to analyze systems and mechanisms in any combination you want.

We will also show how large assemblies with many millions of degrees of freedom can be studied with the effects of flexibility and contact included. Learn also how standard connections and joints then allow these systems to be connected and loaded.

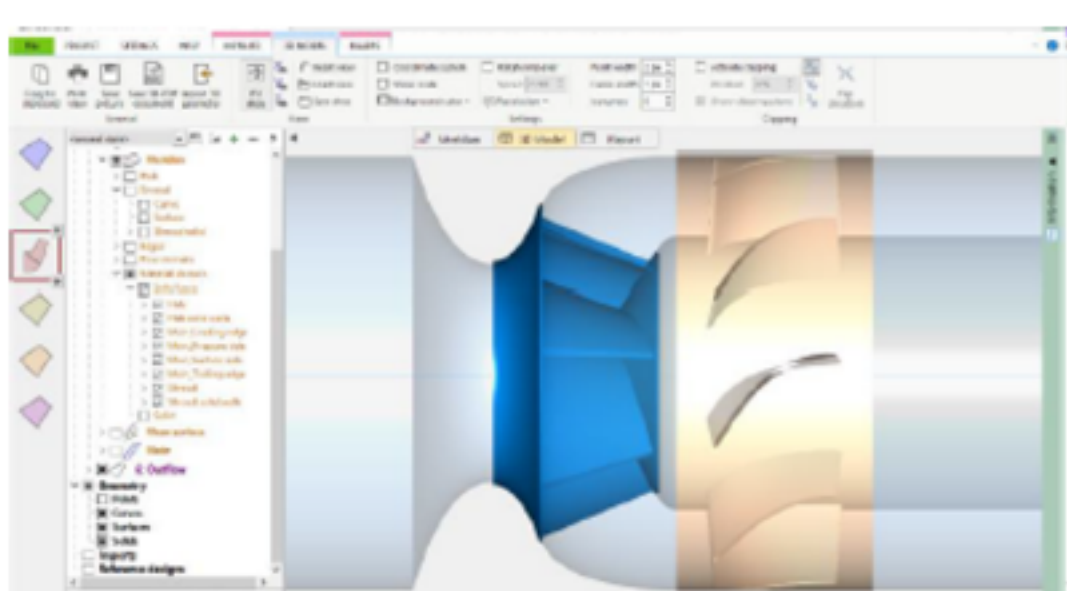
In addition to showcasing the basic package, this webinar will discuss the capabilities of additional toolkits that Ansys Motion offers, enabling users working within areas that have specific multibody dynamic needs to work faster and more efficiently.

Lastly, we will illustrate how Ansys Motion solver technology has been integrated into Ansys Mechanical's interface.

[Register](#)

Blog Post & YouTube Videos

Turbomachinery Simulation



Rotating machines are extensively used in many industries such as Aerospace, Automotive, Datacenters Cooling, IT-Hardware, Medical devices, Energy, Oil and Gas, HVAC. Most common rotating machines are fans, pumps, compressors, and turbines.

The biggest challenges for delivering the future rotating machines are improving performance and reliability in addition to decreasing the cost. Aeroacoustics and NVH is becoming more and more important as the cars and devices are getting quieter and quieter. Improving efficiency and performance while decreasing noise and vibration could be predicted using high fidelity simulation methods.

Learn more by viewing our [blog post](#) and watching our instructional YouTube videos.

Did you know?

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

Did you know:

- Nintendo first produced playing cards
- the first crossword puzzle appeared in 1913
- cars were first started with ignition keys in 1949
- the first product to have a bar code was Wrigley's gum
- the first parachute jump from plane was in 1918 over France

Upcoming Ansys Webinars

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

[Turbo in 15 Minutes: Analyzing Acoustics from Your CFD Simulation](#)

April 22, 2021 - 7:00 AM PDT

Learn how to set up a CFD simulation and simulate the noise produced from a four-bladed quadcopter drone.

[Predicting Vibration from Trains Using Ansys LS-DYNA](#)

April 22, 2021 - 7:00 AM PDT

Learn how to use Ansys LS-DYNA to predict the vibration caused by trains based on wheel and rail roughness modeling. Analyze structural and acoustic vibrations and how they are transferred to train passengers and buildings near the track.

[Accelerating Discovery with Ansys Cloud](#)

May 4, 2021 - 8:00 AM PDT

Learn about how you can now access Ansys Discovery on Ansys Cloud, eliminating the need for specific GPUs on your local workstation. Discovery combines live physics, interactive geometry modeling and high-fidelity physics.

[Process Integration and Democratization of CAE Workflows in the Automotive Industry](#)

May 5, 2021 - 6:00 AM PDT

Learn the basics as well as the implementation of automation and democratization of CAE workflows for the automotive industry with Ansys optiSLang and Ansys Minerva.

[Thermal Performance of Inverter Bus Bars with Complex Harmonic Content](#)

May 6, 2021 - 8:00 AM PDT

This webinar spotlights Ansys 2021 R1's new capabilities for coupling accurate loss density calculations to thermal solvers for predicting the temperature of bus bars.



Address

Ozen Engineering, Inc
1210 E Arques Ave #207
Sunnyvale, CA 94085

Sales

P: (408) 732-4665
E: sales@ozeninc.com

Support

P: (408) 732-4665
E: support@ozeninc.com