

ANSYS Simulation World

Virtual Conference, April 20 - 21



Just a reminder that the [Simulation World registration](#) and agenda are live.

With 225+ sessions and 250+ speakers, there's something for everyone!

Curate your schedule today:

1. Visit [SimulationWorld.com](#) and register for free.
2. Click the Schedule Tab to select your Region and Preview the Tracks.
3. Log-in and Click the "Star" Icon to Add a Session to your schedule.

Turbo in 15 Minutes: Improving Designs Through Optimization

April 1, 7:00 AM PDT



Design products that perform beyond what you thought was possible! Learn how Ansys optiSLang can help you optimize your design. This 15-minute webinar will showcase the powerful capabilities of optiSLang including:

- Building and orchestrating parametric simulation workflows
- Multi-objective optimization
- Design space exploration and response surface generation

[Register](#)

Did you know?

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

Did you know:

- a fathom is 6 feet (1.8 meters).
- the oldest inhabited city is Damascus, Syria.
- there are more TV sets in the US than there are people in the UK.
- an atomic clock is accurate to within 1 second in 1.7 million years.
- the most populated city in the world - when major urban areas are included - is Tokyo, with more than 37 million residents.

Upcoming Ansys Webinars

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

[Turbo in 15 Minutes: Turbulence Modeling Best Practices](#)

April 6, 2021 - 7:00 AM PDT

Learn how Ansys solutions can help you to solve challenges with the stagnation point anomaly, transition modeling, curvature shear and separated flows — features present in most turbomachinery applications.

[Making the Cockpit of the Future a \(Virtual\) Reality](#)

April 6, 2021 - 8:00 AM PDT

This webinar illustrates the main capabilities of the combination of Ansys VRXPERIENCE HMI and Ansys SPEOS in the early design validation of cockpits/dashboards.

[Turbo in 15 Minutes: Transient Blade Row Methods](#)

April 8, 2021 - 7:00 AM PDT

Learn how you can use Transient Blade Row methods and Harmonic Analysis to reduce transient simulation times by orders of magnitude for cases with large blade counts and for multiple stages with different blade counts.

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

April 8, 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 temperature in bus bars.

[Turbo in 15 Minutes: Conjugate Heat Transfer and Blade Film Cooling](#)

April 13, 2021 - 7:00 AM PDT

Learn how new features and capabilities in Ansys CFD make modeling of film cooling holes, cooling trees and passages possible with different levels of fidelity.

[Parametric Optimization: What If Your Design Could Be Better?](#)

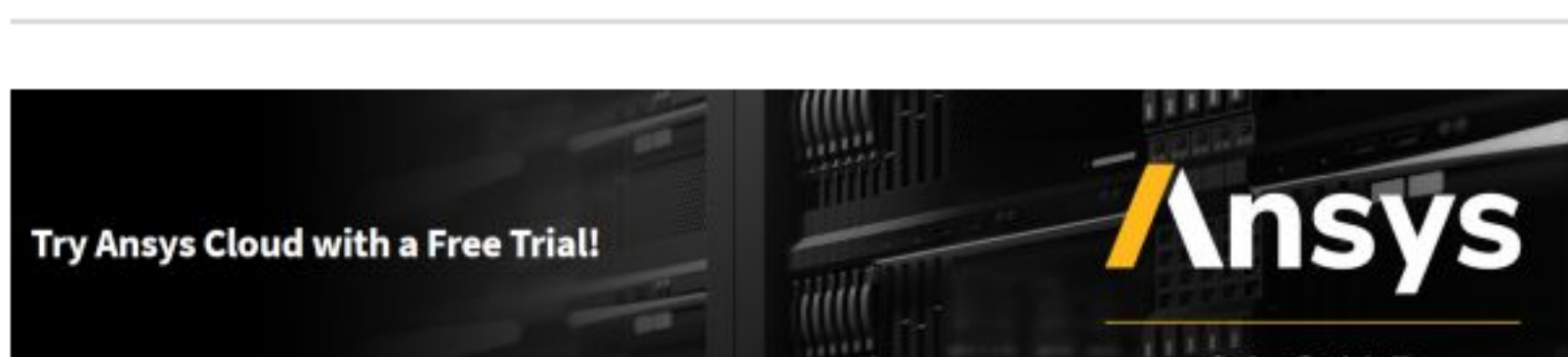
April 14, 2021 - 6:00 AM PDT

This webinar spotlights how Ansys optiSLang's parametric optimization application helps automotive customers identify and vary key design parameters to identify optimal solutions that meet one or multiple design goals.

[Parametric Optimization: What If Your Design Could Be Better?](#)

April 14, 2021 - 6:00 AM PDT

This webinar spotlights how Ansys optiSLang's parametric optimization application helps automotive customers identify and vary key design parameters to identify optimal solutions that meet one or multiple design goals.



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