News & Updates

June | 2022

Revolution in Simulation is an industry initiative for educating, advocating, collaborating, and innovating to make the use of current, emerging, and future engineering simulation technologies not just more capable and efficient for the CAE expert, but more accessible and reliable for non-experts – what we call "The Democratization of Simulation".

Learn more at **rev-sim.org**.

WHAT'S NEW?

NRC22 Americas
NAFEMS Americas will be hosting its biennial **regional conference** (June 21-23) at the Indiana Convention Center in Indianapolis.

Malcolm Panthaki, Rev-Sim Co-Founder, will be chairing 2 tracks on the Democratization of Simulation. See the agenda **here**.

Case Study
Siemens uses LES simulation to investigate transient combustion effects

Simulation Leaders
These **organizations** and **companies** are helping to advance engineering simulation

Webinar Recording
Leveraging AI to Tackle Complex Engineering Challenges

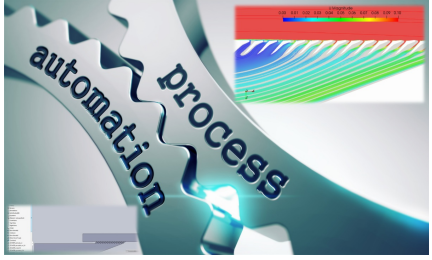
Jobs Listings

Brand new at Rev-Sim!

We've added a **jobs board** to the website. Check it out early and often to see new opportunities.

check out the jobs

Check out these Upcoming Webinars!



Fast and Easy Simulation Automation Accelerates Innovation at PAX Scientific for US Navy and Others

June 14, 2022
11:00 AM Eastern

information & registration

The use of Machine Learning in Future Transport Safety Applications

July 20, 2022
11:00 AM Eastern

information & registration

1 on 1 with: David Heiny

David Heiny is the co-founder and CEO of SimScale. A cloud-native simulation platform, SimScale empowers engineers to innovate faster by making engineering simulation technically and economically accessible at any scale.

Learn a little more about David and SimScale in this latest installment of our 1-on-1 interview series.

read the interview

CASE STUDY: AI/ML based trimmed body NTF and global modes prediction and optimization using ODYSSEE CAE

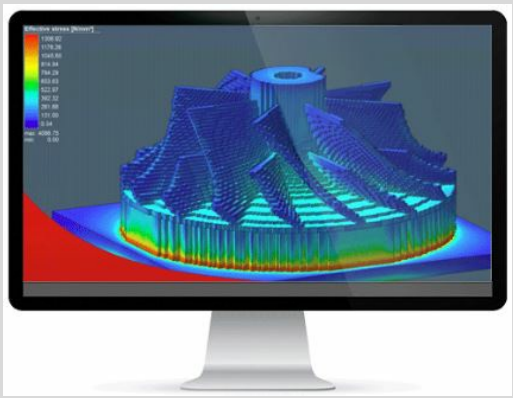
AI/ML based trimmed body NTF & global modes prediction and optimization using ODYSSEE CAE

Satven had a singular focus and objective: to cater to the varied and complex design and engineering needs of the automotive industry. The company has today grown multifold to become one of India's leading automotive engineering bureaus.

Read the case study **here**.

more case studies

Sponsor Spotlight: Hexagon MSC



MSC Software, part of Hexagon's Manufacturing Intelligence division, is one of the ten original software companies and a global leader in helping product manufacturers to advance their engineering methods with simulation software and services. This division provides solutions that utilize data from design and engineering, production and metrology to make manufacturing smarter.

learn more

Our Newest Sponsor

Novus Nexus offers smarter solutions to automate simulation processes easily and reliably. Our tools work seamlessly with various commercial and open-source CAD, CFD and FEA solvers to naturally capture simulation know-how for consistent application of best practices, enable CAD designers to run dependable simulations, and optimize the use of simulation resources, both human and software.

learn more

Do Non-CAE Experts Perform Simulations in your Organization?

Take the Survey
You're invited to participate in a survey to help to determine the usage, effects, and opportunities for democratizing simulation throughout the upstream stages of new product development.

$100 Gift Card Drawing
We have a winner from our first drawing. But you still have a chance. **Complete the survey before July 1,** to be entered

into our final drawing!

on to the survey!

Upcoming Events

CadenceLIVE Silicon Valley – Intelligence. Designed.
June 8-9

Better Designs in Less Time: 3D CAD Virtual Conference
June 9

6SigmaET Webinar: Electronics Cooling Simulation of Tomorrow
June 14

Lunch & Learn and Women in Engineering at the ASME Turbo Expo 2022
June 14

Fast and Easy Simulation Automation Accelerates Innovation at PAX Scientific for US Navy and Others
June 14

Hands-on Simulation – Frontloading CFD with Simcenter FLOEFD (Electric Vehicle Engineering)
June 14

From Robust CAD Model Handling to New Solver & Post Processing Capabilities – SimScale Simulation Updates
June 14

Future of Manufacturing Summit
June 20-23

HxGN Live
June 20-23

NAFEMS Americas Conference 2022
June 21-23

Discover Fidelity CFD Software for Faster, High-Accuracy Multiphysics Simulation
June 22

The use of Machine Learning in Future Transport Safety Applications
July 20

lots more!

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