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REVOLUTION in simulation

News & Events from Rev-Sim.Org

October/November 2018

Revolution in Simulation is a non-profit industry initiative for educating, advocating, collaborating, and innovating to make the use of engineering simulation technologies not just more capable and efficient for the CAE expert, but also more accessible and reliable for non-experts – what we call the democratization of simulation.

The *Rev-Sim.org* website provides expertly curated resources through an open community platform to share the latest industry news, case studies, blogs, whitepapers, webinars, best practices, consultant advice, and solutions providers to help democratize simulation for the benefit of faster and more robust product development cycles.

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REV-SIM WEBINAR SERIES

*Democratizing Simulation:
Can Non-Experts Safely Utilize Advanced Modeling Tools
and Workflows?*

October 25, 2018

Register Today!



SUCCESS STORY

Democratization and Industry-Wide Deployment

A major limitation of most simulation tools is that only subject matter experts can use them.

Pfizer has overcome this hurdle by Democratizing Simulation.

Read the Case Study



DEMOCRATIZED SIMULATION GROWING BY LEAPS & BOUNDS

The 2018 edition of CAASE is in the books! And NAFEMS Vice President, Matt Ladzinski shares his thoughts on the growing popularity of Democratizing Simulation.

View the CAASE 2018 Democratizing Simulation presentations and success stories [here](#).

Read More



FEATURED BLOGGER

Jamie Gooch, Digital Engineering

[Visit Jamie's Blog Page](#)

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We're pleased to announce the addition of [ANSYS](#) and [Kinetic Vision](#) to our growing list of sponsors!



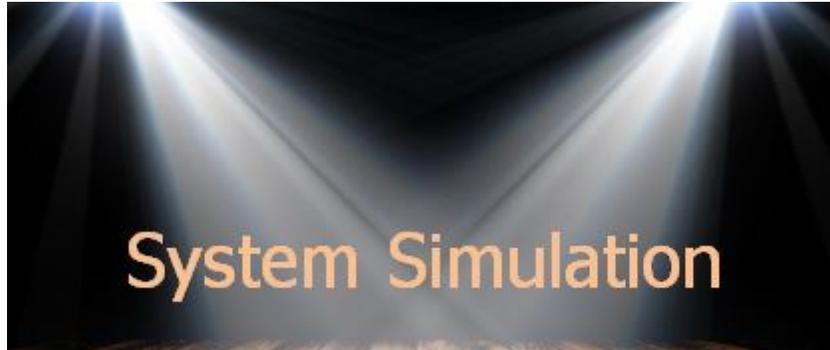
"Products are becoming more complex and development cycles shorter. Simulation is the most powerful tool available to provide insight into the impact and trade-offs of design choices. However, traditional engineering simulation has a learning curve often measured in decades, and each analysis takes weeks on average. Only by making simulation as easy and as pervasive as Excel can engineers fulfill the promise of better, smarter, and more sustainable products of tomorrow. ANSYS is excited to participate in a new industry-wide initiative like the Revolution in Simulation that is working to do just that by democratizing the power of simulation to make it as reliable for use by every engineer as it is for CAE specialists."

- ANSYS Vice President, Mark Hindsbo.

"Modeling and simulation is the only way manufacturers can innovate quickly enough to meet disruptive market forces. For example, Amazon has changed the transport landscape for many industries. Products that were once designed for palletized delivery to distribution centers and retailers are now being shipped directly to the consumer. That's convenient for the consumer but a headache for the manufacturer as now

their once-sufficient product packaging might not be suitable anymore. The only way to rapidly adjust to a change like this is through simulation. Those tools need to be readily accessible and usable for all – Revolution in Simulation is at the forefront of making that happen.”

- Kinetic Vision President, Rick Schweet



SPOTLIGHT **System Simulation**

In the end, it all comes down to system performance. Components may be optimized, but if the system architecture is wrong, or your control software is buggy, the product will flop. Simulation is the perfect tool for system design and system verification and validation.

[Read More](#)

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WHAT'S AHEAD

Conferences & Webinars

[3D Collaboration & Interoperability](#)

October 15-18: Golden, CO

[NAFEMS Aerospace Simulation Automation](#)

October 18: Seattle, WA

[Webinar - Democratizing Simulation: Can Non-Experts Safely Utilize Advanced Modeling Tools and Workflows?](#)

October 25

[ASSESS 2018 Congress](#)

October 28-30: Braselton, GA

[Call for Papers](#)

NAFEMS World Conference 2019

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