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News & Events from Rev-Sim.Org

January 2019

[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](#), [events](#), [case studies](#), [blogs](#), [whitepapers](#), [webinars](#), [best practices](#), [consultant advise](#), and [solutions providers](#) to help democratize simulation for the benefit of faster and more robust development cycles.

Join the Revolution!

Democratizing Simulation in Action



Democratization Lands New Opportunities

When faced with a very difficult situation in its ability to quickly change a product design for a major large German automotive OEM, Jeco needed to upgrade its modeling and simulation from tedious physical testing to a quicker, HPC-based strategy.

[Read the Case Study](#)

Meet our Newest Sponsors!



We are excited to announce that [Aras](#) and [ESTECO](#) have joined other market leaders who are demonstrating their revolutionary thought leadership by supporting RevSim.Org with their expertise, resources and funding that benefit industrial users of simulation technologies.

Aras

"Aras is pleased to be a sponsor of the Revolution In Simulation community. With our recent acquisition of Comet Solutions and its unique simulation automation platform, Aras has committed to adding effective and seamless Simulation Process and Data Management (SPDM) to its open and extensible PLM platform, Innovator. The revolution in simulation is here!"

ESTECO

"We want our technology to reach beyond the field experts and extend the benefits to a wider target of engineers. For ESTECO, democratization means enabling you to extract the best value from our technology even if you are not an optimization expert."

Rev-Sim Sponsors

Here Comes the Simulation Revolution!

MachineDesign®

Throughout a series of short articles, Machine Design magazine is detailing how Democratizing Simulation works, examining some of today's enabling tools, and taking a look at organizations fully leveraging their simulation investments by successfully Democratizing Simulation today.

How it Works: Democratizing HPC

What is High Performance Computing? There are lots of terms that essentially are variations of the same thing: HPC, Advanced Modeling, Simulation & Analysis, Technical Computing, Cluster Computing, Parallel Computing. Specifically, these refer to computers at the frontline of current computational processing capacity. [Alan Chalker](#) (Ohio Supercomputer Center), [Wolfgang Gentzsch](#) (The UberCloud), and [Dennis Nagy](#) (Beyond CAE) lend their experience/expertise in this area.

Want to learn more in 10 minutes? Watch the Rev-Sim Virtual Coffee Break Series on Democratizing HPC video [here](#).

Read More

Sponsor Profile: VCollab



VCollab helps product development companies by providing CAE Visual Collaboration tools to Smart Extract Intelligent Simulation Information from CAE Results files for easier sharing and faster design validations, leading to accelerated innovation.

VCollab

Phone: +248.835.6880

www.vcollab.com

Our Sponsors List

From our Sponsors:

ESRD: How Do You Verify the Accuracy of Engineering Simulations?

[View the Webinar Recording](#)

Modelon: 4 Benefits of Incorporating the FMI Standard Into Your Modeling Workflows

The benefits of integrating Functional Mock-up Interface (FMI) into your workflows are significant. With more than 100 tools supporting FMI, engineers gain the freedom of using a variety of simulation and modeling tools to create and effortlessly share models with peers. Learn more about FMI and its four major benefits [here](#).



You can be a Rev-Sim contributor!

Send us your announcements, news, events, articles, success stories, etc. (Please be sure that contributions reflect the *Democratizing Simulation* theme.) If its a good fit, we will include it on [Rev-Sim.Org](#).

Here's How!



[COE](#)

February 24-27: New Orleans, LA

[International Modelica Conference](#)

March 4-6: Ostbayerische Technische Hochschule Regensburg, Germany

[View Events](#)

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