News & Updates

September | 2021

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?

Webinar:
Rigor at the Speed of Relevance: The Symbiotic Relationship of Model-Based Systems Engineering and Simulation

Case Study:
Accurately predicting landing system performance with system simulation

Video:
Digitalizing CAE Post Processing & Reporting - What is VCollab Exactly?

Panel Discussion:
Why are simulation jobs exploding in complexity and size, and perhaps more importantly, what can you do about it?

Book - The theoretical foundation of the finite element method:
Finite Element Analysis: Method, Verification and Validation

"Learn from your Peers" Webinar Series

Our webinar series features manufacturing companies discussing their successful deployment of next-generation simulation technologies. Webinars are focused on the implementation journey for these companies including the challenges, solutions, benefits, and lessons learned along the way.

Check out our lineup of recorded webinars!

view webinars

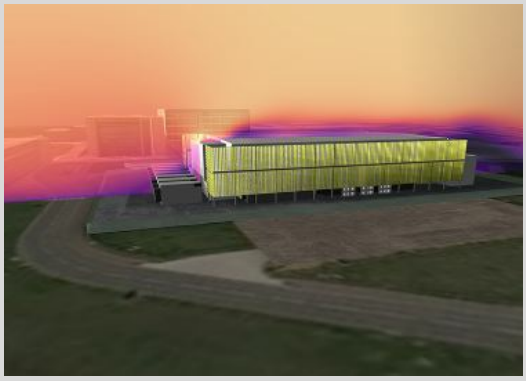
1 on 1 with: Monica Schnitger

As Founder and President of Schnitger Corporation, Monica Schnitger helps companies to understand the impact of engineering IT: CAD/CAM, CAE, PLM, AEC, IoT and related technologies. She helps to explain what these are, how they affect product or asset creation and operations, and how businesses can best implement these tools, to technology buyers, investors, and developers.

We recently had the opportunity to chat with Monica and get her opinion on a few topics of interest.

read the interview

Using CFD Analysis to Design and Build the UK Innovation Corridor's Home for HPC and AI



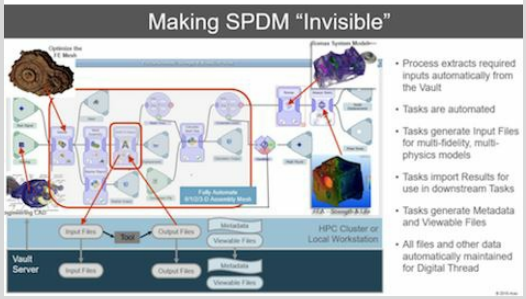
Case Study

Wholesale and high-performance colocation provider Kao Data worked together with Future Facilities, using Computational Fluid Dynamics (CFD) simulation to validate its data center Indirect Evaporative Cooling (IEC) design. Read it here.

more case studies

Sponsor Spotlight: Aras

aras



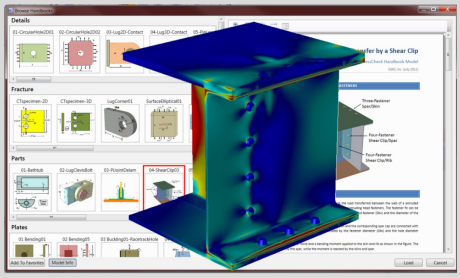
Aras provides an open, flexible, scalable, and upgradable PLM platform that enables global companies to modernize and transform systems engineering processes across the lifecycle, to connect people and product information throughout the enterprise.

Aras brings a Simulation Process and Data Management (SPDM) capability into its open PLM platform to provide a way for organizations to connect simulation and simulation experts to mainstream engineering processes for traceability, access, decision-making and reuse across

the product lifecycle.

learn more

How it Works: Simulation Apps



The ease, efficiency, and speed of using simulation software is the primary factor impacting how frequently and widely simulation is conducted. Historically, its complex nature limited usage to a very small group of highly experienced experts.

In response, Simulation Apps have emerged as a means to allow a much broader audience of non-specialists and occasional users to safely benefit from simulation.

learn more

In Memoriam: Bruce Jenkins

Rev-Sim and the engineering community lost one of its most respected voices in 2020. Bruce Jenkins was President of Ora Research and a valued contributor to Rev-Sim.

Those fortunate enough to know or work with Bruce understand his contributions to the industry and know just much he will be missed.

Read more here.

Our Newest Sponsors

PTC's Creo has comprehensive simulation capabilities that serve engineers and designers throughout the product

EnginSoft is one of the leading technology transfer companies in the field of Simulation Based Engineering Science (SBES). Since its foundation in 1984,

development process. With this suite of capabilities, you can integrate simulation early and often into your process enabling you to make better design decisions, reducing costs, improving quality and speeding time to market.

through our expansion in the sector in the mid-1970s to the present day with a global presence, EnginSoft has always been at the forefront of technological innovation.

our lineup of sponsors

Upcoming Events!

Keynote Webinar | Digital Engineering Discussions | US Office of the Secretary of Defense
September 28

OMC Mediterranean Conference & Exhibition
September 28-30

MBSE Applied to Enterprise Services, Products and Capabilities | NORTHROP GRUMMAN
October 5

MBSE AppDemo | Incorporate Analytical Models into your Behavioral Diagrams
October 19

Automotive CAE Grand Challenge
October 19-20

NAFEMS World Congress
October 25-29 (Salzburg, Austria)

HxGN LIVE Design & Engineering 2021
October 12-14

Hooking Up and Calling Analysis from a Behavioral Diagram
October 19

MBSE Partner Event | PTC & IBM
November 4

37th International CAE Conference and Exhibition
November 17-19

more events