# News & Updates

June | 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

**Webinar Recoding:**
The Revolution in Simulation - Are you being left behind?

**Digital Twins Case Study:**
Citigroup Uncovers Potential savings of $290,000 Annual Savings

**From our Resources Page:**
Accelerate Smart Manufacturing with Simulation

**BLOG Post:**
Design Review Victory: Collaborating Analysts and Designers

## "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.

**Register for our upcoming webinar!**

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

June 29, 2021
11:00 AM Eastern US

view recorded webinars

## Join the Revolution!

**Contribute & Participate**
We encourage you to join us as there are many opportunities to volunteer and participate regardless of your years of experience or special interests.

**Sponsorship**
Contact Mike Nieburg to learn about the many benefits of becoming a Rev-Sim sponsor.

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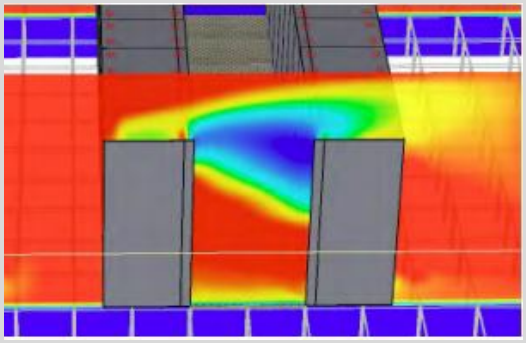
## Containment Design: Reducing time to market for new technologies



Case Study: Digital Twins
Future Facilities

When Upsite Technologies, leaders in data center airflow management, sought to design and market their unique AisleLok® Modular Containment system, they turned to the Digital Twin. Harnessing the power of predictive simulation, Upsite's designers took AisleLok from concept to production in less than a year.
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Read the case study here.

more case studies

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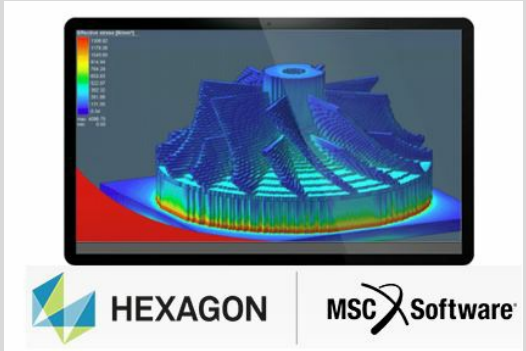
## Sponsor Spotlight: Hexagon MSC




MSC Software develops simulation software technology that enables engineers to validate and optimize their designs using virtual prototypes. Customers in almost every part of manufacturing use our software to complement, and in some cases even replace the physical prototype "build and test" process that has traditionally been used in product design.

learn more

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## How it Works: Business Challenges & ROI

Business challenges with expanding the use of engineering simulation.

Understanding and communicating the value proposition of Engineering Simulation to non-technical executives remains the single biggest business challenge for Engineering Simulation.

read more

## 4 Questions 4: Matthew Ladzinski

As NAFEMS Vice President of Operations, Matthew Ladzinski is responsible the organization's growth and development throughout the Americas, Asia, and parts of Europe.

Matthew also volunteers as a Rev-Sim moderator helping to oversee the Case Studies section of our web site.

Clicking on the button below will take you to a very quick interview with Matthew.

read the interview

## and Finally...

**Serving a perfect Guinness - the CFD way**

Thanks to fluid mechanics engineer, Simon Fischer, here's the first ever Guinness served to perfection – by a CFD simulation tool nonetheless.

Hey, its 5 o'clock somewhere right?

read about it here

## Upcoming Events

Webinar: Lattice Design & Structural Optimization with nTopology & VIAS3D
June 2

Webinar: Make Better Decisions in Less Time with Structural Analysis
June 3

Webinar: Introduction to MBSE: Systems Modeling Expressing Design Intent With Rigor
June 10

Webinar: Modeling & Simulation @ Tetra Pak
June 10

CAASE 21
June 16

Webinar: MDAO App Demo: Probabilistic Analysis – Taking into Account Uncertainties
June 15

Webinar: Rigor at the Speed of Relevance: The Symbiotic Relationship of Model-Based Systems Engineering and Simulation
June 29

MBSE Workshop: Connect your Analyses to your System Model using ModelCenter
July 8

Webinar: Design Space Exploration of a High-Altitude Aerial Platform “Mothership”
July 22

more events