News & Events from Rev-Sim.Org

Winter 2020

Revolution in Simulation is an 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 like design engineers – 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 advice, and solutions providers to help democratize simulation for the benefit of faster and more robust development cycles.

Explore Rev-Sim.Org

Help build the Democratizing Simulation community by forwarding this newsletter to a colleague or your followers. Its that easy.

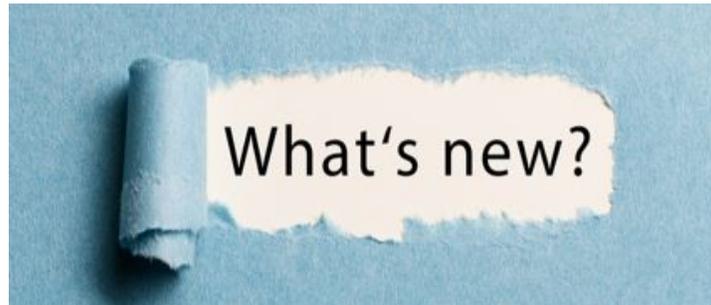(in) Share   (f) Share   (✉) Forward

Success Story: Fit for Purpose App

ZF and TRW Automotive worked with Front End Analytics and EASA to have fit for purpose app developed for a Pitman Arm Smart Generator, allowing users to confidently create new designs with any web browser in minutes! See the presentation here.

All Case Studies

Digital Thread & SPDM

What is Digital Thread and why is Simulation Process and Data Management (SPDM) a fundamental piece of it? Read all about it in this newest addition to our "How it Works" lineup! Learn more here.

Multidisciplinary Design Optimization

The key to MDO is not necessarily optimizing the performance of a particular discipline; but rather trading and balancing the competing requirements of individual disciplines to optimize the overall system and find the best compromise. Learn more here.

Simulation Terminology Glossary

What is *Pervasive Engineering Simulation*? What is *Numerical Simulation*? Get the answers to these and other engineering simulation terms on our new Simulation Glossary page. Do you have something that should be included? We invite your input. Go here to submit your term(s) for consideration.

Our Newest Sponsor

Help Lead the Revolution!

Rev-Sim engineering simulation experts volunteer their time, expertise, and enthusiasm by serving as Topic Moderators. We're looking to expand this list. To nominate yourself, or a colleague, to be considered for listing in the Rev-Sim simulation experts directory, or as a future Topic Moderator, please contact us at info@rev-sim.org.
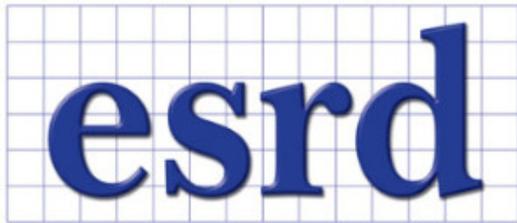
Learn More

Webinar: Pervasive Systems Thinking & Simulation: Who, What, Where, Why and How

This webinar will help to establish a fundamental understanding of Systems Thinking as a critical complement to the reductionist design approach. As part of the discussion, we will

explore the need for pervasive simulation across the entire product lifecycle as a critical tool for the design, manufacture and maintenance of tomorrow's interconnected multidisciplinary products.

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1 on 1 with Dr. Ricardo Actis

Dr. Ricardo Actis, President and CEO of Rev-Sim sponsor Engineering Software Research & Development (ESRD) discusses how his career in simulation began and why he chose to participate in the *Revolution in Simulation*.

Rev-Sim sponsors are recognized technology thought leaders offering software and/or services to make simulation not only more capable and powerful for experts, but also more usable and reliable for new users or non-CAE specialists. Learn more about each of them here.

Sponsor Spotlight

Pointwise, Inc. is solving the top problem facing computational fluid dynamics (CFD) today – reliably generating high-fidelity meshes. Pointwise software generates structured, unstructured, overset and hybrid meshes; interfaces with CFD solvers such as ANSYS FLUENT®, STAR-CCM+®, OpenFOAM®, and SU2 as well as many neutral formats, such as CGNS; runs on Windows, Linux, and Mac, and has a scripting language, Glyph, that can automate CFD meshing. Since 1994 manufacturing firms and research organizations worldwide have relied on Pointwise as their complete CFD preprocessing solution.

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Follow us on LinkedIn

Upcoming Events

MARCH

[Pervasive Systems Thinking & Simulation: Who, What, When, Where, Why & How](#)
February/March 2020
[ACE 2020](#)
March 16-18: Boston, MA (USA)

APRIL

[CAE Forum, Hannover Messe 2020](#)
April 20-24: Hannover (Germany)

MAY

[VMAP International Conference on CAE Interoperability 2020](#)
May 13-14: Bamberg (Germany)

JUNE

Make plans now to attend CAASE20 (June 16-18, Indianapolis). Abstracts are now being accepted. More information [here](#).

More Events

Privacy Statement

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Date privacy and security is a priority and you can review the full Privacy Policy here. If you have any questions about the changes, please contact us at info@rev-sim.org. As always you have the opportunity to opt-out from receiving our emails by using the safe unsubscribe functionality below.

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