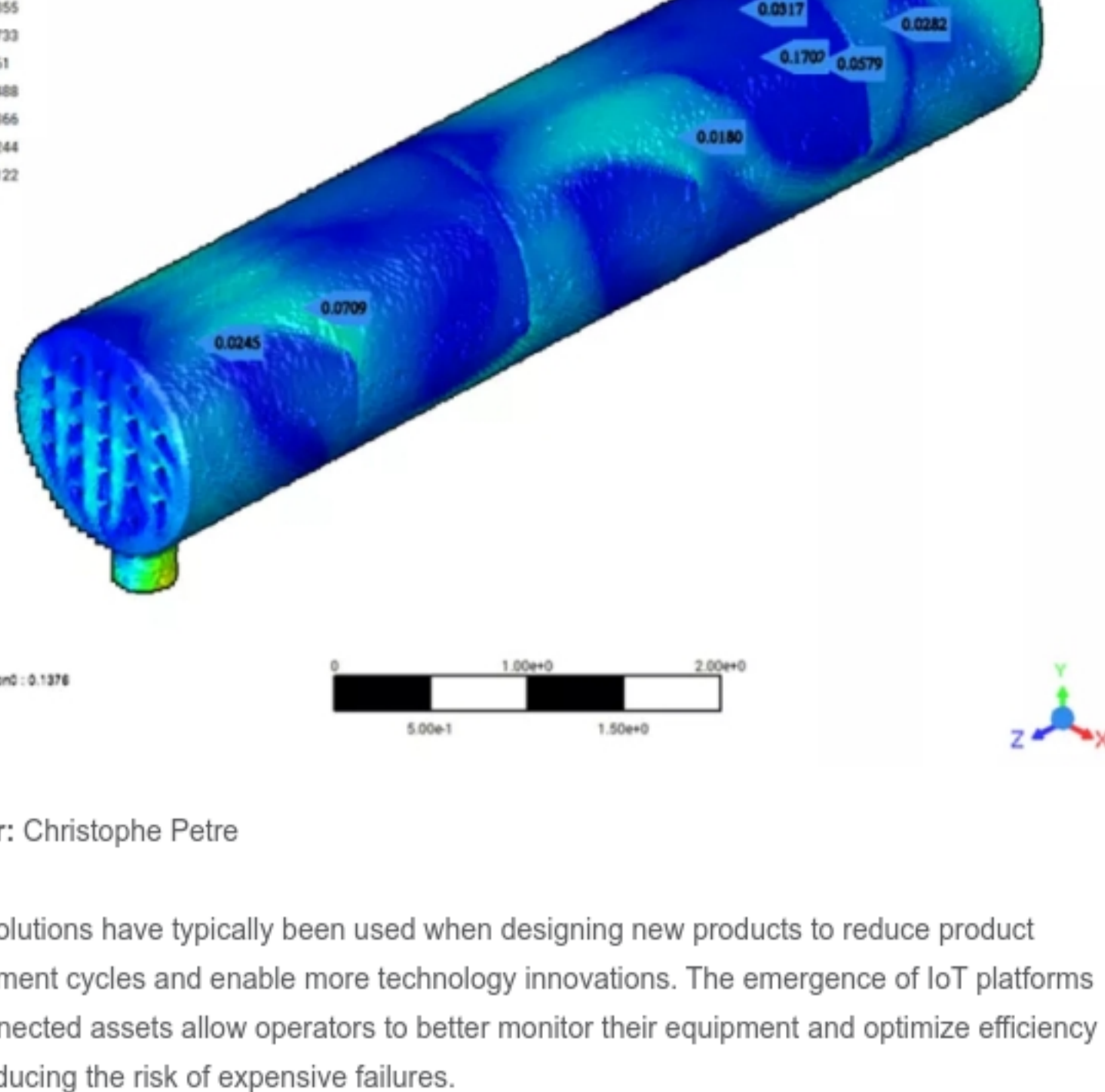


Build, Validate and Deploy Your Digital Twins for Heat Exchanger Applications

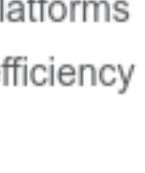
September 23, 8:00 AM PT

Reference
873,433 points

Velocity (m s⁻¹)



Operation: 0.1376



Speaker: Christophe Petre

Ansys solutions have typically been used when designing new products to reduce product development cycles and enable more technology innovations. The emergence of IoT platforms and connected assets allow operators to better monitor their equipment and optimize efficiency while reducing the risk of expensive failures.

Discover how Ansys Digital Twin capabilities take advantage of best-in-class simulation-based and hybrid analytics capabilities to leverage digital twins. The software gives you more insights into virtual sensors or what-if scenarios evaluations, which help with anomaly detection, root cause analysis or remaining useful life prediction of running equipment.

During the webinar, various workflows will be illustrated on a heat exchanger application.

What you will learn

- Introduction to digital twins and their benefits
- Ansys Digital Twins solutions
- Reduced-Order Models (ROM) technology: Reducing simulation time from hours to seconds
- End to end creation and deployment workflows on heat exchanger application

Register

If you are interested in Digital Twin modeling, Ozen Engineering is a recognized leader in this area. Learn how we helped create a [Digital Twin model of the Golden Gate bridge](#).

Simulation Best Practices for Mixing Equipment

September 29, 11:00 AM PT



Speakers:

Dr. Metin Ozen, Ozen Engineering

Dr. Jesus Ramirez, Ozen Engineering

Join us to discover how Ansys simulations can best be applied in solving engineering issues with mixing equipment.

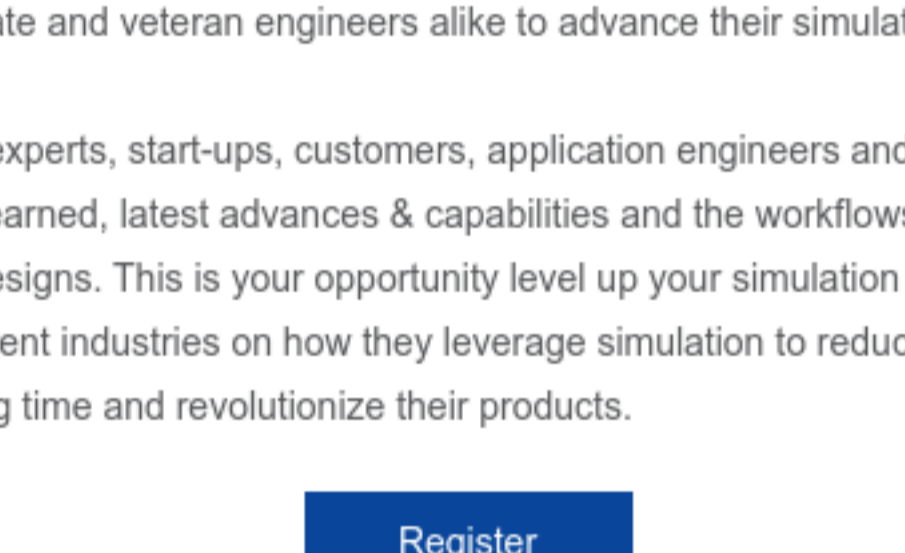
Learn about:

- How a 1% increase in the concentration of mixtures can translate to millions in revenue per batch.
- Accelerate your simulation time up to 1000x with reduced order models.
- Utilizing multiscale, multidomain, and multiphysics simulation for wet or dry mixing equipment and unlock superior performance.
- Quantifying the impact of simulation on efficient mixing equipment use and unleash increased revenues from your products.

Register

Ansys Level Up 2.0

October 20, 7:00 AM PT



This year, Ansys Level Up 2.0, a free virtual conference, is bigger and better than ever. We're leveling up our sessions with more products, innovative solutions and new opportunities for beginner, intermediate and veteran engineers alike to advance their simulation journeys.

Hear from industry experts, start-ups, customers, application engineers and more on best practices, lessons learned, latest advances & capabilities and the workflows that will improve your own product designs. This is your opportunity level up your simulation skills and connect with experts in different industries on how they leverage simulation to reduce prototyping, save valuable engineering time and revolutionize their products.

Register

Did you know?

A bit of trivia to hopefully enlighten your day and amaze your family and fellow engineers.

Did you know:

- it takes about 8 minutes for sunlight to travel from the Sun to the Earth.
- everyday, the Earth gets 100 tons heavier due to falling meteoroids and sometimes even big rocks.
- Neptune was the first planet to get its existence predicted by calculations before it was actually seen by a telescope.
- the Flintstones was the most profitable network cartoon franchise for 30 years, that's before The Simpsons came along.
- jellyfish "Turritopsis Dohrnii" are considered biologically immortal. They don't age and will never die unless they are killed.

Upcoming Ansys Training Schedule

Ozen Engineering offers a variety of Ansys software training classes that allow users to educate themselves on how to make better use of the wide-ranging capabilities of Ansys simulation software.

Both introductory and advance level classes are available and taught by experienced and knowledgeable Ozen engineers.

Students can attend "in person" at our Sunnyvale, CA office or "remotely" from their office or home using GotoMeeting video conferencing.

To learn more, click on the link below for class description and cost. Feel free to contact us at training@ozeninc.com or (408) 732-4665 to discuss any of these classes or any specific training needs.

[Introduction to ANSYS Icepak](#), September 21 - 23

[Ansys SPEOS Getting Started](#), September 24

[ANSYS Explicit Dynamics](#), September 28 - 29

[ANSYS Fluent/CFX Fluid Structure Interaction \(FSI\) w/ ANSYS Mechanical](#), September 30 - October 1

[Introduction to ANSYS HFSS](#), September 30

[Introduction to ANSYS Mechanical](#), October 5 - 6

[ANSYS Mechanical Quickstart](#), October 7

[ANSYS AIM Multiphysics](#) - October 8

[ANSYS Fluent Getting Started](#) - October 12 - 13

[ANSYS CFD Quickstart](#) - October 14

[ANSYS HFSS for Signal Integrity](#) - October 15

[Introduction to ANSYS Maxwell](#) - October 19 - 20

[Ansys Twin Builder Getting Started](#) - October 21

[Introduction to ANSYS SpaceClaim Direct Modeler](#) - October 22

[ANSYS Mechanical Linear and Nonlinear Dynamics](#) - October 26 - 27

[ANSYS Mechanical APDL One-day Quickstart](#), October 28

[ANSYS CFX Multiphase Flow Modeling](#), October 29

Upcoming Ansys Webinars

You can also view all of the upcoming webinars by visiting our [Training Calendar](#).

[How Red Bull Racing Honda & Ansys Pave the Way to Track Success](#)

September 16, 2021 - 6:00 AM PT

Learn how Red Bull Racing Honda, as part of an Innovation Partnership with Ansys, has been using Ansys simulation technology across a range of critical application areas to pave the way to Formula 1 success.

[Ansys 2021 R2: Ansys Fluent Mesh Adaption Update](#)

September 16, 2021 - 7:00 AM PT

This webinar will highlight the major advancements for mesh adaption in Ansys Fluent for combustion and multiphase applications, including mesh adaption for multiphase applications and new best practices embedded into the automated mesh setup.

[Ansys 2021 R2: What's New in Ansys Icepak](#)

September 16, 2021 - 8:00 AM PT

Ansys 2021 R2 introduces significant improvements to electronics thermal management analyses. Ansys Icepak now simulates native Joule heating, along with significant improvements in MCAD geometry handling, mesh and solution processing.

[Ansys 2021 R2: What's New in Ansys SPEOS](#)

September 16, 2021 - 8:00 AM PT

Learn how the new features of Ansys SPEOS in our latest release, Ansys 2021 R2, continue to speed up optical simulation development time by introducing powerful new modeling, visualization and lidar features, accelerating your time to market.

[Ansys 2021 R2: Ansys Forte Update](#)

September 22, 2021 - 7:00 AM PT

Learn about the major advancements for Ansys Forte, including accurate prediction of fluid-structure interactions (FSI) through system coupling transient-transient simulations and 33% solve time reductions for multicycle engine cases.

[Ansys 2021 R2: Ansys Rocky Update](#)

September 23, 2021 - 7:00 AM PT

This webinar will highlight the advancements for hypersonic and high speed flow applications like 5X solver speed ups, ablation modeling and much more.

[Introduction to Ansys optiSLang](#)

September 23, 2021 - 7:00 AM PT

Did you know that Ansys optiSLang users save up to 80% of their engineering time by just automating and orchestrating their simulation workflows? In this webinar, you will get a closer look into Ansys optiSLang, an enterprise process integration and design optimization solution, and identify ways to integrate it into your workflow.

[Ansys 2021 R2: Ansys Chemkin-Pro Update](#)

September 23, 2021 - 8:00 AM PT

Learn about the major advancements in Ansys Chemkin-Pro, including access to more products with the consolidation of the Chemkin Enterprise and CFD Enterprise bundles, and an extended mechanism framework to describe liquid reactions, multiphase interactions and liquid species properties.

Try Ansys Cloud with a Free Trial!

Ansys
CLOUD

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