

[Ansys Simulation World](#)

April 20 - 21



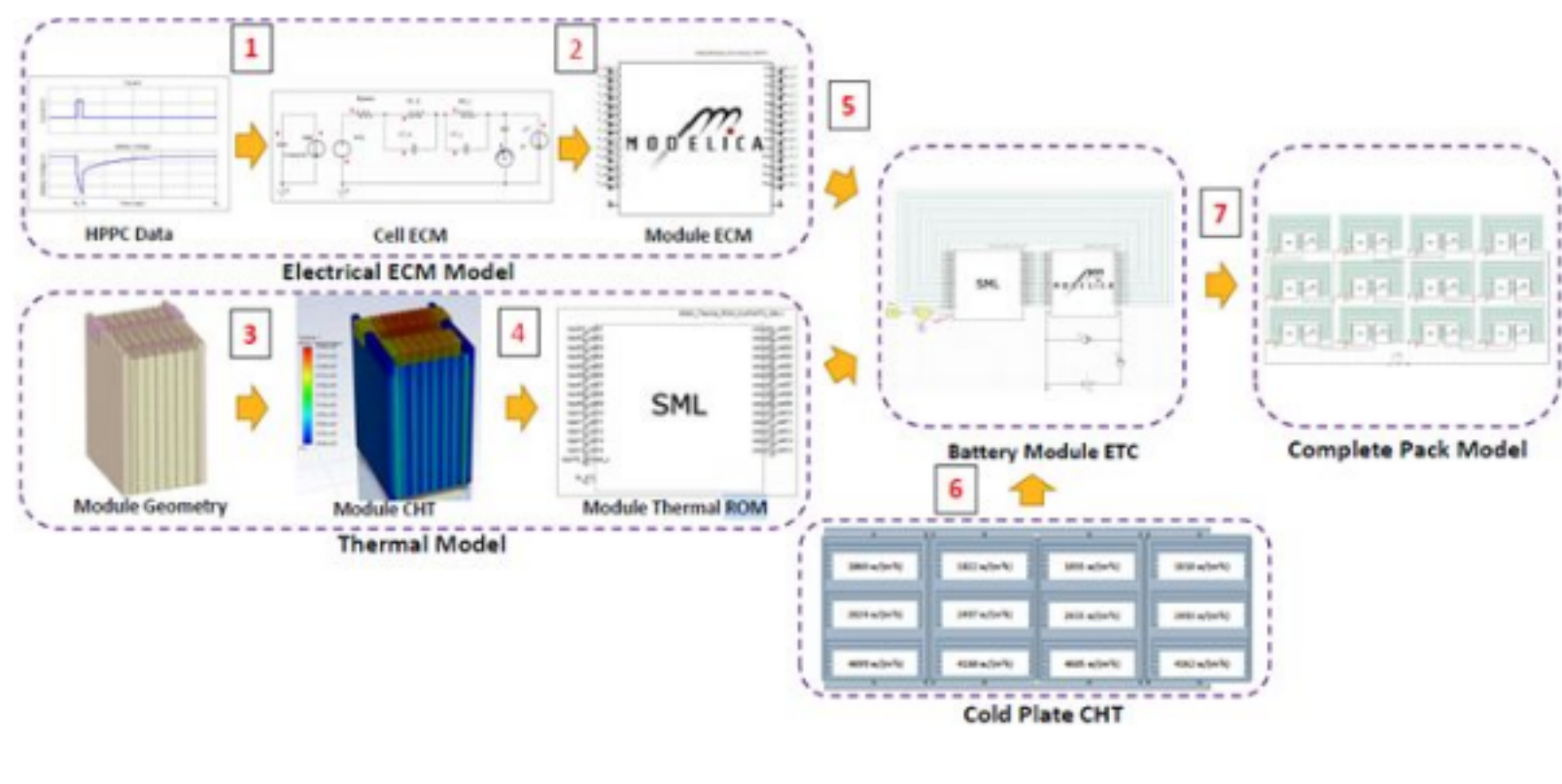
Following a record setting inaugural event in 2020, Ansys Simulation World 2021 is designed to inspire and educate executives, engineers, R&D and manufacturing professionals about the transformative powers of engineering simulation.

Ansys Simulation World sits at the intersection of brilliant physics solutions, mission-critical operations and revolutionary technologies. Attendees work with finite element analysis, computational fluid dynamics, electronics, semiconductors, embedded software, design optimization and multi-domain, mission-level software to create answers where there were once only questions. Executive and leadership tracks will reveal and explore the power of simulation to accelerate innovation and productivity.

Don't be left out when engineers, designers and simulation thought leaders from around the globe gather online for Simulation World. It's your chance to network with the best minds in the business — how often do opportunities like that come along?

[Register](#) for free today and join us!

Ozen Engineering - Battery Solutions



Batteries are the key driver in the world of portable devices. They are the critical component of our portable gadgets and are becoming increasingly important in our vehicles as well. The company that can engineer and get the most out of their batteries will clearly have a significant competitive advantage over the competition. Batteries, however, are clearly difficult to simulate due to their multiphysical, multiscale nature and how they are used in devices. Only Ansys, with its portfolio of industry leading software working together is up to the challenge.

View two new blog posts on our Battery Solutions:

[Reduced Order Models \(ROM\) and Digital Twin](#)

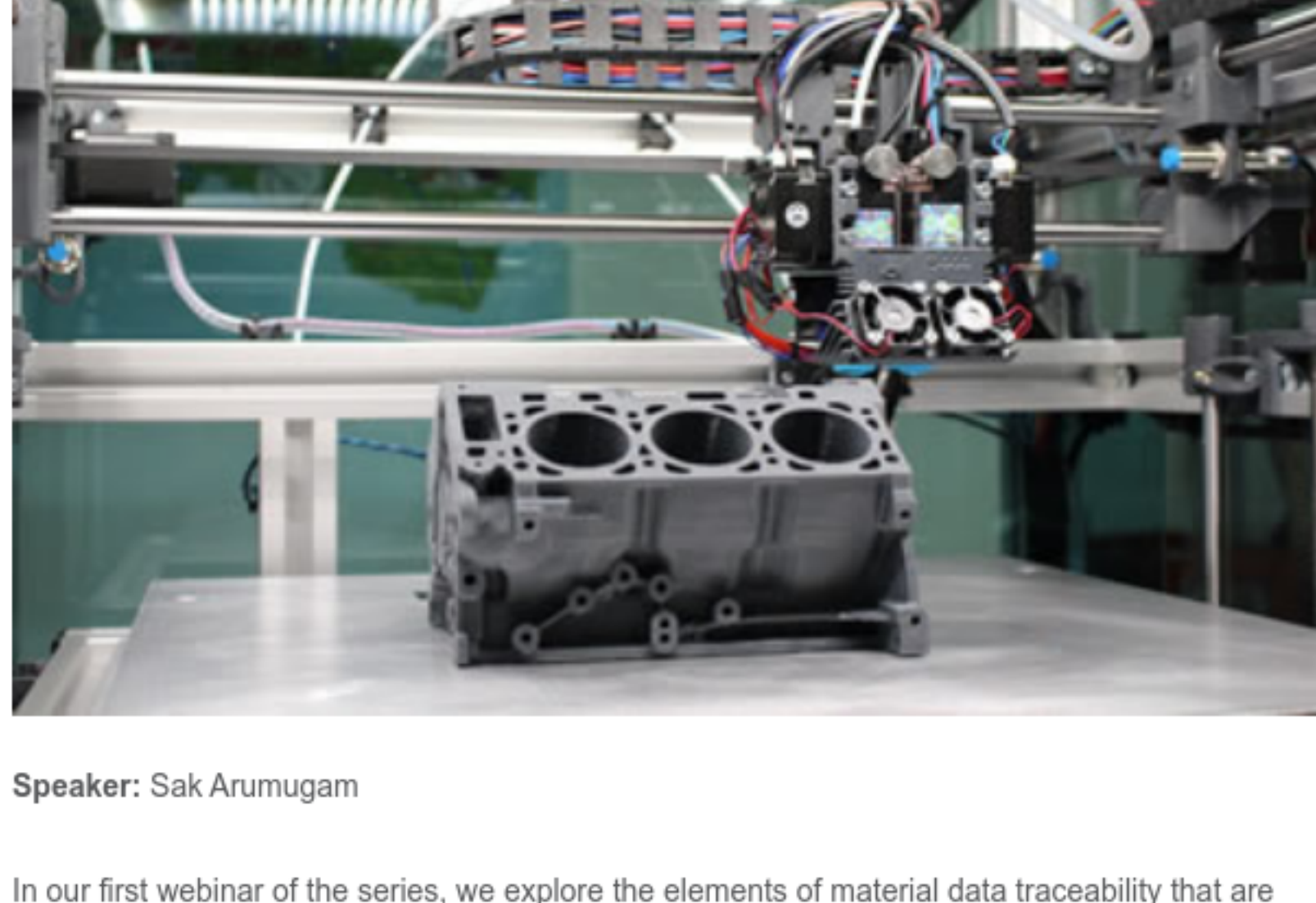
[Battery Management System \(BMS\)](#)

To learn the whole story, visit our [Battery Solutions webpage](#).

[How Material Data Traceability in Additive Manufacturing Drives](#)

[25% Cost Savings](#)

March 4, 2021, 8:00 AM PST



Speaker: Sak Arumugam

In our first webinar of the series, we explore the elements of material data traceability that are offered as part of the Granta MI Additive Manufacturing solution. Working across the AM value chain we'll outline the drivers to achieving 25% cost reductions by introducing material data traceability.

[Register](#)

Did you know?

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

Did you know:

- 8% of people have an extra rib
- Peru has more pyramids than Egypt
- an egg contains every vitamin except vitamin C
- $111,111,111 \times 111,111,111 = 12,345,678,987,654,321$
- the longest possible eclipse of the sun is 7.31 minutes

Upcoming Ansys 2021 R1 Webinars

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

Friendly reminder that Ansys 2021 is now available for download from the [Ansys Customer Portal](#) (registration required).

Learn more about Ansys 2021 R1 by visiting our [Release Highlights webpage](#) or by joining one or more of the upcoming webinars in February (see below).

If you need assistance with downloading or installing Ansys 2021 R1, please contact us at (408) 732-4665 or support@ozeninc.com.

[Ansys 2021 R1: Fluent Simulation Reports](#)

February 25, 2021 - 8:00 AM PST

This 15-minute webinar provides a detailed explanation for how to create and interact with a customized simulation report that summarizes the setup and results of your Ansys Fluent simulations.

[Ansys 2021 R1 Update: What's New in VRXPERIENCE](#)

March 2, 2021 - 8:00 AM PST

Learn how Ansys VRXPERIENCE can help you to achieve ADAS/AD HIL validation in partnership with NI, how to create a physics-based GPU radar based on Ansys HFSS SBR+, how to use the real-time Ansys VRXPERIENCE Autonomous Vehicles virtual test solution in Microsoft Azure and much more.

[Ansys 2021 R1: Chemkin Enterprise Update](#)

March 3, 2021 - 8:00 AM PST

This webinar highlights new enhancements in Ansys Chemkin-Pro, enabling you to run large parameter studies and perform optimization through Ansys Workbench. We will also spotlight how you can simulate valve motions with the new fluid-structure interaction (FSI) models in Ansys Forte and perform automatic meshing.

[Ansys 2021 R1 Update: Listen to Your Aeroacoustics Simulations](#)

March 4, 2021 - 7:00 AM PST

This webinar showcases Ansys 2021 R1's newest release of Ansys Fluent connected with VRXPERIENCE Sound. We will discuss how this cutting-edge feature delivers an improved acoustic environment by combining VRXPERIENCE Sound with Ansys Fluent to deliver state-of-the-art aeroacoustics simulations.

More Ansys Webinars

[Successfully Digitalizing Drug Manufacturing](#)

February 25, 2021 - 8:00 AM PST

This webinar provides inspiring perspectives on the value of predictive models and advocates their increased adoption in the (bio)pharmaceutical industry. We will spotlight how computer models and simulations are used at various stages of development and manufacturing.

[Optimizing Transportation Ventilation System Design](#)

March 2, 2021 - 7:00 AM PST

This webinar will showcase how engineering analysis can help optimize the design and operation of ventilation systems for the transportation industry.



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