THE PADTPULSE

MAKING INNOVATION WORK, ONE NEWSLETTER AT A TIME

February 2024   **www.padtinc.com**

Featured Stories

Press Release: PADT Announces Robert McLoughlin as Vice President of Sales

After working with Robert McLoughlin for many years when he was a channel manager for our partners, we are pleased to announce that he has agreed to accept the role of Vice President of Sales for PADT. You can read in the press release all the successes he has had and what he will be bringing to our team.

Read More

Exploring the Ansys LS-Dyna Thick Shell Element in Ansys Mechanical

The ability to mesh thick shells for solving in Ansys LS-Dyna is now available in Ansys Mechanical 2023 R2. IYKYK. It is a big deal.
PADT's James Peters digs into the ins-and-outs of leveraging this powerful way to model thin structures in his latest post on the PADT, Inc blog.

Read More

Python/PyAnsys Tutorial: Mapping Data in Ansys Mechanical

In Ansys Mechanical, there are always several ways to do something. With PyAnsys, there are even more. To help users roll their own mapping tool for dissimilar geometry, and to show the power of APDL, Python, and PyAnsys, PADT's Alex Grishin shares a tutorial.

Read More

Customer Corner

Northrop Grumman Bolsters Presence at Gilbert Business Park

The Virginia-based aerospace and defense contractor is taking the entire 119,222-square-foot Building 3 at the Gilbert business park near McQueen and Elliot roads. This facility will grow the company's capacity for engineering services, business management, and supply chain operations.
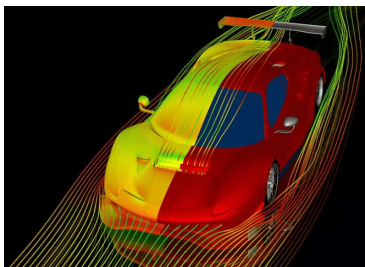
Read More

Sion Power Raises $75 Million to Commercialize its Proprietary Licerion Technology

Tucson-based Sion Power recently closed a $ 75 million Series A Funding round. Lead by LG Energy Solutions, also included Euclidean Capital and Hillspire, LLC. Sion Power is the developer of LicerionTM technology. This technology uses compression in a lithium metal battery to enhance safety, lifetime, and recharging rates.

Read More

Featured Products and Services

Simulation Product
Ansys EnSight

Analyze, visualize and communicate your simulation data with Ansys EnSight. A general-purpose post processing software allowing you to gain insights and understandings from your simulations. This is the power Post Processor you have been looking for.
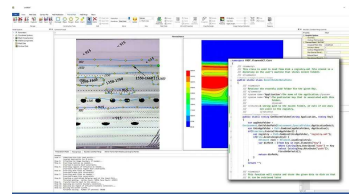
Learn More

3D Printer
Stratasys F370 CR

The F123CR (Composite Ready) Series consists of the F190™CR and the F370 CR, two composite printers that offer high-strength carbon fiber materials in a reliable, user-friendly industrial printer platform. This is the AM system for companies serious about carbon fiber 3D Printing.

Learn More

Services
Simulation Software Customization

PADT's engineers have been automating proceses, integrating multiple simulation tools, and writing custom simulation software for 30 years. Their detailed knoledge of existing software, APIs, and simulation processes are second to none.

Learn More

Upcoming Events

- 03/13/2024 | Fluent Updates in Ansys 2024 R1 – Webinar
- 03/27/2024 - 03/28/2024 | Arizona Space Summit, 2024

What You Missed...

PADT Webinars

Improving Health Care with Additive

Optics Updates in Ansys 2023 R2

Twin Builder Updates in Ansys 2023 R2

All Things Ansys Podcasts

125: 2023 Wrapup

124: Ansys Licensing

123: Simulation in the Medical Space

Did You Know?

PADT has a spinout company called Oryx Additive? This small firm is dedicated to "Achieving the Full Potenital of Industrial 3D Printing" through finish solutions for Additive Manufacturing. Learn more at www.oryxadditive.com

The Latest Definition from PADT's 3D Printing Glossary

Design for Additive Manufacturing [DfAM]

The process of consciously including the advantages and disadvantages of various additive manufacturing processes in the design of a part to avoid the disadvantages and utilize the advantages. The purpose of DfAM is to reduce the cost of additive manufacturing a given part, reduce scrap, and increase part performance, including durability, accuracy, and aesthetics.

Categories: Manufacturing Term

Current Job Openings

- Application & Support Engineer, Structural
- Business Development Representative, Software Sales
- Model Based Systems Engineer
- Senior Account Manager, Software Sales, TexasSenior Account Manager, Software Sales, Texas
- Flownex Account Manager, Software Sales
- Business Operations Administrator, Engineering Services

Thank you for taking the time to read our email. If you have any questions, reach out at 480.813.4884 or **info@padtinc.com** or learn more at **www.padtinc.com**. Always feel free to forward this to anyone you think might be interested.

We Make Innovation Work

Did someone forward this email to you?
You can add your own email to our list **here**
and get The PADT Pulse every month.