

Igus Expert Scheduled to Speak at IMTS

Intelligent monitoring as a solution for unplanned downtime to be focus of talk

SMART PLASTICS FROM IGUS, STAMFORD, CONNECTICUT, August 16, 2022 /EINPresswire.com/ -- Michael Patterson, igus® smart plastics industry manager, will be a guest speaker at the International Manufacturing Technology Show in September. Patterson will be sharing his insights on intelligent monitoring at the conference on Monday, September 12.

Avoid Unplanned Downtime With Intelligent Monitoring
Monday, September 12 • 11:00 AM - 11:55 AM (CST)
McCormick Place, West Building - W196-B

[IMTS 2022](#) will be held at McCormick Place in Chicago from September 12 through September 17. Visitors can plan to attend the conference on the IMTS website.

During his presentation, Patterson will demonstrate how monitoring components that support predictive maintenance can be integrated to improve productivity, reduce downtime and boost revenue. With igus since 2013, Patterson has nearly two decades of experience within the industrial automation product industry.

Predictive maintenance drives down costs
Unplanned manufacturing downtime costs industrial manufacturers an estimated \$50 billion every year. Intelligent monitoring, or predictive maintenance, is one of the newest industry trends. Monitoring systems that support planned maintenance programs are now available for many more components, reducing the need for unplanned stoppages.

[Smart plastics from igus](#) allow manufacturers to install components in energy chain systems, cables, and even bearings that include connectivity and sensors. The components transmit



The graphic features a circular portrait of Michael Patterson, a man with short dark hair and a white shirt, smiling. To the right of the portrait is the IMTS 2022 logo, which includes a red and blue cube icon and the text 'IMTS2022 INTERNATIONAL MANUFACTURING TECHNOLOGY SHOW SEPTEMBER 12 - 17, 2022 • MCCORMICK PLACE • CHICAGO POWERED BY AMT'. Below the portrait, the text reads 'Michael Patterson Smart Plastics Industry Manager'. At the bottom left of the graphic, it says 'Visit Michael at the igus booth 134812'. At the bottom right, the igus logo is displayed with the tagline 'plastics for longer life'. The main headline on the graphic is 'Avoid Unplanned Downtime with Intelligent Monitoring' and the event details are 'Monday, September 12, 2022 - 11AM McCormick Place - W196-B'.

Michael Patterson of igus will be speaking at IMTS in September.

information that predicts service life, measures wear and stress, and notifies customers when they need to be replaced or require servicing.

Intelligent plastics can be used in any industrial environment and offer significant benefits. Besides reduced downtime, the "tech up, cost down" advantages include extending service life, increasing overall plant efficiency, securing integration into Industry 4.0, decreasing spare parts storage costs, and reducing maintenance through early warning detection.

Worldwide industry professionals

IMTS is the largest and longest-running industry trade show in the United States. It is held every other year in Chicago, where professionals in manufacturing technology learn about the latest in products and services. Industry experts from around the globe witness the latest innovations in digital and traditional manufacturing and find solutions that help solve their manufacturing challenges and improve efficiency.

Patterson's discussion will be one of 19 sessions dedicated to Industry 4.0. Some of the other tracks at IMTS include automation, plant and drives, plant operations, supply chain, and systems integration.

Click [here](#) to schedule an igus booth tour or a one-on-one appointment at IMTS.

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ABOUT IGUS:

igus GmbH develops and produces motion plastics. These self-lubricating, high-performance polymers improve technology and reduce costs wherever things move. In energy supplies, highly flexible cables, plain and linear bearings, and lead screw technology made of tribo-polymers, igus is the worldwide market leader. The family-run company based in Cologne, Germany, is represented in 35 countries and employs 4,900 people across the globe. In 2021, igus generated a turnover of €961 million. Research in the industry's largest test laboratories constantly yields innovations and more user security. Two hundred thirty-four thousand articles are available from stock, and service life can be calculated online. In recent years, the company has expanded by creating internal startups, for example, ball bearings, robot drives, 3D printing, the RBTX platform for Lean Robotics, and intelligent "smart plastics" for Industry 4.0. Among the most important environmental investments are the "chainge" program – recycling of used e-chains and participating in an enterprise that produces oil from plastic waste.

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