SMART MANUFACTURING EXPERIENCE

explore
engage
embrace
evolve

June 7–9, 2022
David L. Lawrence Convention Center
Pittsburgh, PA
smartmanufacturingexperience.com
THE TIME IS NOW FOR MANUFACTURERS TO EMBRACE SMART TECHNOLOGIES TO ENSURE THE FUTURE OF THEIR BUSINESS.

If manufacturers are not using smart manufacturing technologies to improve their operations, they should be. Chances are their competition has already gotten started. Large, medium and small manufacturers can all realize bottom line benefits by embracing intelligent manufacturing. Whether manufacturers are early adopters, explorers or “just curious,” the Smart Manufacturing Experience advances their knowledge of smart manufacturing and influences their decisions going forward.
Smart Manufacturing Disciplines

**Additive Manufacturing (AM)**
Manufacturers use this disruptive technology to design and produce finished parts.

**Artificial Intelligence / Machine Learning**
Engineers use computer systems to reason over collected data and make inferences about the future.

**Augmented Reality (AR) / Virtual Reality (VR) / Mixed Reality (MR)**
Superimposing a computer-generated image on a user’s view of the real world for the purpose of maintenance, product design, training and simulation.

**Automation & Robotics**
This technology enables accuracy and increased productivity in various manufacturing applications.

**Cybersecurity**
The practice of protecting systems, networks and programs from digital attacks to maintain data integrity and privacy.

**Data Analytics**
Manufacturers analyze raw data captured from their manufacturing equipment to draw conclusions and make more-informed business decisions.

**Industrial IoT**
Manufacturing facilities use the internet, with a focus on machine-to-machine communication, big data and machine learning to increase efficiency and reliability in their operations.

**Workforce Transformation**
Driving the cultural and technology changes that are necessary for manufacturing companies to take advantage of smart manufacturing initiatives.
Engage with Manufacturing Decision Makers

77% of attendees influence equipment and technology purchase decisions in their companies...forward-thinking manufacturing practitioners ready for the Smart Industrial Revolution.

75% of the audience are at the engineering level or higher.

Primary Industries of Smart Manufacturing Experience Attendees

- Aircraft/Aerospace
- Appliances
- Automotive
- Communications
- Consulting/Engineering
- Consumer Products
- Defense
- Education/ Academic
- Electronics/ Computers
- Government/Military
- Industrial/Commercial Machinery
- Medical/Surgical/Dental
- Motorsports/Other Transportation
- Energy
- Research & Development

A Cross-Section of Targeted Attendee Companies

Air Force Research Laboratory
All-Clad Metalcrafters
Amazon Robotics
American Acoustical Products
Anvil International
Apple
BAE Systems, Inc.
Barnes Aerospace
Blackhawk Machine Products
Bosch Rexroth Corp.
Bose
Boston Scientific
Comstock Industries
Crown Equipment Corp.
Curtiss Wright Target
Dell Technologies
Dentsply Sirona
DePuy Synthes Orthopedics
Eaton
Emerson
Flexcon Industries
Flintec Inc
Ford Motor Co.

GE Aviation
General Motors
GKN Aerospace
Halliburton
Harley Davison
Henke Sass Wolf of America
Honeywell International
IBM
iRobot
Jabil
John Deere
Kaman Precision Products
Keurig Green Mountain
Kichler
Liberating Technologies
Lockheed Martin
National Guard Products Inc.
National Oilwell Varco
Nova Biomedical
Owens Corning
P&G Gillette
Plansee USA
Portsmouth Naval Shipyard
Pratt & Whitney
Preformed Line Products
Procter & Gamble Co.
Parsons Extreme Golf
Reebok
Schneider Electric
Siemens
Sikorsky Aircraft
SKF USA
Smith & Nephew
Stanley Black & Decker
Steelcase
Sturm, Ruger & Co.
Tegra Medical
The Boeing Company
The Lee Company
Toyota Tsusho America
Turbine Technologies
United Technologies Aerospace
WEG Commercial Motors
Whirlpool
Smart Manufacturing Experience Features

The Smart Manufacturing Experience elevates attendees’ understanding of smart technologies, encourages higher-level thinking, while accelerating the need to explore and implement Industry 4.0.

**Keynotes**
Daily presentations, delivered by visionary leaders, that promote higher-level thinking and evoke change.

**Panel Discussions**
Key manufacturing challenges and solutions discussed by manufacturing experts.

**Workshops**
Half-day, deep-dive sessions into key smart manufacturing technologies to fast-track learning and accelerate adoption.

**Networking**
Formal and informal opportunities for attendees and exhibitors to engage with like-minded professionals to share success stories and offer guidance.

**Conference**
Attendees learn about case studies and real-world applications of transformative technologies, delivered by industry experts and users.

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**Pittsburgh: A Hub of High Tech and Manufacturing Muscle**

More than **50%** of the nation’s buying power is located within 500 miles of the city.

The region is home to more than **12,000** manufacturing companies and many diverse industries including robotics, additive manufacturing, healthcare, energy and information technology.

Pittsburgh boasts a skilled manufacturing workforce of **95,000**.

The city has become a **cybersecurity hub** fueled by thought leaders from several area universities.
## SMART MANUFACTURING EXPERIENCE AT A GLANCE

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<td><strong>Registration</strong></td>
<td>8:00 am – 3:00 pm</td>
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<tr>
<td><strong>Keynote Presentation</strong></td>
<td>9:00 am – 10:00 am</td>
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<td><strong>Exhibits Open</strong></td>
<td>10:00 am – 4:00 pm</td>
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<td><strong>Workshop</strong></td>
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<td>How Best to Reposition Your Supply Chain to Thrive in this New Reality</td>
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<td>How Robots Drive Growth, Efficiency and Process Improvement</td>
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<tr>
<td><strong>Conference Sessions</strong></td>
<td>10:15 am – 12:05 pm</td>
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<tr>
<td>- Why Data Matters and How to Apply It Today</td>
<td>- Understanding Industry 4.0 and How to Implement</td>
<td>- Data and Its Value</td>
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<td>- Adopting Digital Transformation</td>
<td>- Accelerating the Adoption of Additive Manufacturing</td>
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<td>- Innovative Ways to Develop the Workforce</td>
<td>- The Augmented Worker</td>
<td>- <strong>Panel Discussion</strong></td>
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<td>- How Robots Drive Growth, Efficiency and Process Improvement</td>
<td>- Machine Learning for the Shop Floor</td>
<td>How Smart Manufacturing is Disrupting the Supply Chain: Are You Prepared?</td>
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<td><strong>Conference Sessions</strong></td>
<td>2:15 pm – 4:05 pm</td>
<td><strong>Conference Sessions</strong></td>
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<td>- Machine Learning in Manufacturing and Why It Matters</td>
<td>- AI/Machine Learning Insights and Innovation</td>
<td>- Data Analytics for Quality Inspection Technologies</td>
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<td>- IT/OT Cybersecurity</td>
<td>- Workforce and Cultural Transformation</td>
<td>- The Power of Automation and Workers</td>
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<tr>
<td>- Additive Manufacturing and Its Impact on Industry 4.0</td>
<td>- The Power of Automation and Workers</td>
<td>- <strong>Welcome Reception in the SMART ZONE</strong></td>
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Produced by Manufacturing Industry Leaders

**SME** offers resources for manufacturers, promotes advanced manufacturing technologies and works to develop a skilled workforce. We connect the most prestigious, experienced, and innovative professionals in the industry.

**AMT** – The Association For Manufacturing Technology represents and promotes U.S.-based manufacturing technology – those who design, build, sell, and service the continuously evolving technology that lies at the heart of manufacturing.

**CESMII** is the United States’ national institute on Smart Manufacturing, driving cultural and technological transformation and secure industrial technologies as national imperatives. By enabling frictionless movement of information between real-time Operations and the people and systems that create value in and across Manufacturing organizations, CESMII is impacting manufacturing performance through measurable improvements in areas such as: quality, throughput, costs/profitability, safety, asset reliability and energy productivity.

Get Industry Visibility Beyond the Booth

At the experience, you’ll stand out from the crowd at keynotes, custom presentations and more, depending on the package you select

After the experience, you’ll get year-long exposure from advertising, retargeting, social media and custom lead-gen activities.

Since the leads are guaranteed, you know you’re making a smart investment.

Choose the package that is right for your company:

Platinum
Gold
Silver
Bronze
Be Part of the Experience!

To learn more about the Smart Manufacturing Experience and how we can help you grow your industry visibility and your business, contact:
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800.733.3976