COMMUNITY.
COLLABORATION.
INNOVATION.

MANUFACTURING IN AMERICA 19
MARCH 20-21

#MiA19
ATTENDMIA.COM
Siemens and Electro-Matic invite you to join over 3,200 manufacturing executives, engineers and enthusiasts at Manufacturing in America 2019 in Detroit, MI inside Ford Field. Learn about the newest technologies, share best practices and ideas, and be a part of advancing the future of manufacturing.

#MiA19 will feature The Summit, over 100 technical learning seminars, and 50 exhibits focused on emerging automation, controls, drive technologies and PLM within this evolving industry.

FREE TO ATTEND, BUT REGISTRATION IS REQUIRED

There is no charge to attend, but registration is required at Manufacturing in America 2019. Seminar spaces fill quickly on a first-come, first-serve basis.

Register Online at AttendMiA.com

PARKING

Validated parking passes are available online to print or present to the lot attendant at attendmia.com

Gate B (Brush) Northwest Entry
Gate G (St. Antoine) Southeast Entry & Overflow Parking
Tigers Garage (Montcalm/Brush) Northwest Parking
Throughout the event, Managers from all of the participating companies are available along with conference room space for one-on-one meetings. If you have specific project requirements that need to be reviewed please contact an Account Representative to schedule a meeting.
WEDNESDAY, MARCH 20th
THE SUMMIT

COMMUNITY. COLLABORATION. INNOVATION.

Join Siemens and innovation thought leaders at our annual Manufacturing in America Summit where we will explore how you can realize your digital transformation. During the morning session, you will take part in thought provoking presentations, discussions, and best practice sharing with leading experts in manufacturing, the economy, technology, and innovation.

The Manufacturing in America Summit brings the manufacturing community together to facilitate collaboration and spur innovation. Focused on building strong leadership within manufacturing, discussing the latest trends, and illustrating how leading-edge technology and automation helps U.S. manufacturing, become more profitable, innovative and globally competitive, it’s the key thought leadership and highlight of MiA.

AGENDA

8:30 am – 9:00 am
Registration & Breakfast

9:00 am – 9:15 am
Welcome: Raj Batra, President, Digital Factory Division, Siemens USA

9:15 am – 9:35 am
Fireside Chat with a Businessman and Philanthropist

9:35 am – 10:00 am
Government Speaker

9:45 am – 10:15 am
Christopher Alan, CEO Dasher Lawless

10:30 am – 11:00 am
Break

11:00 am – 11:45 am
Customer Awards and Customer Presentation

11:45 am – 12:30 pm
Keynote Speaker: Nicholas J. Webb

12:30 pm – 12:35 pm
Closing Remarks

KEYNOTE SPEAKER

NICHOLAS J. WEBB

Nicholas Webb is a world-renowned enterprise strategist, CEO and innovator. He has been awarded over 40 patents by the US Patent and Trademark Office for a wide range of cutting-edge technologies. Nicholas is the author of several bestselling books including, The Innovation Playbook, The Digital Innovation Playbook and Invent Stuff. His number one best-selling book, What Customers Crave was listed as Mashable’s top 25 marketing books for 2017 and LinkedIn’s top summer read.

As a Management Consultant, he works with some of the top brands in the world to help them lead their market in Strategy, Customer Experience (CX), Technology and Innovation. Nicholas was awarded his Doctorate of Humane Letters (hon.) for his contributions in healthcare. Additionally, he serves as an Adjunct Professor and Director of the Center for Innovation at WesternU, a Top Southern California Medical School.
DIGITALIZATION IS REVOLUTIONIZING FOOD AND BEVERAGE MANUFACTURING

This exclusive forum will feature a moderated panel of industry experts gathered to explore the future in Food and Beverage manufacturing. This year’s topic will focus on how blockchain technology is changing supply chain management in the Food and Beverage Industry. Join this session for a unique opportunity to share best practices, explore new technology, and discuss the outlook for Digitalization in Food and Beverage.

WEDNESDAY, MARCH 20th

<table>
<thead>
<tr>
<th>EVENT</th>
<th>LOCATION</th>
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<tbody>
<tr>
<td>9:00 am - 12:35 pm</td>
<td>Hall of Legends</td>
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<tr>
<td>The Summit</td>
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<tr>
<td>12:00 pm - 12:50 pm</td>
<td>Brush St. &amp; Adams St. Concourses</td>
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<tr>
<td>Lunch</td>
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<tr>
<td>1:00 pm - 2:50 pm</td>
<td>Gridiron Club</td>
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<tr>
<td>DF-12</td>
<td>Food, Beverage, &amp; CPG Futures Forum</td>
</tr>
<tr>
<td>3:00 pm - 3:50 pm</td>
<td>Visitors Locker Room</td>
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<tr>
<td>PL-4</td>
<td>Siemens Trusted Traceability with Blockchain</td>
</tr>
<tr>
<td>4:00 pm - 7:00 pm</td>
<td>West Atrium</td>
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<tr>
<td>Networking Reception</td>
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THURSDAY, MARCH 21st

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<th>EVENT</th>
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<tbody>
<tr>
<td>9:00 am - 9:50am</td>
<td>Lions Post Game Interview Room</td>
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<tr>
<td>PL-2</td>
<td>Digital Thread and Digital Twin: The Winning Factor in F&amp;B</td>
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<tr>
<td>10:00 am - 10:50am</td>
<td>Lions Post Game Interview Room</td>
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<tr>
<td>PL-4</td>
<td>Siemens Trusted Traceability with Blockchain</td>
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<tr>
<td>11:00 am - 11:50am</td>
<td>Lions Post Game Interview Room</td>
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<tr>
<td>CP-1</td>
<td>Increase Your F&amp;B Processing Equipment ROI with Industrial Controls</td>
</tr>
<tr>
<td>12:00 pm - 12:50 pm</td>
<td>Brush St. &amp; Adams St. Concourses</td>
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<tr>
<td>Lunch</td>
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Take advantage of this exclusive, hands-on opportunity to experience first-hand how the Siemens Digital Enterprise compliments Modernization for Smart Manufacturing.

The Tech Zone is open all day, where you can test-drive common engineering task on Siemens hardware and software products including: Factory Automation, Motion Control, Control Products, Industrial Networking, and Mindsphere.
Student Zone

8:00a–12:00p • THURSDAY • GRIDIRON CLUB

Ford Field’s Gridiron Club will host Manufacturing in America’s 4th annual Student Zone where 9th through 12th grade students invited from Oakland, Macomb, and Wayne counties will participate in educational and hands-on workshops with manufacturing equipment to experience what an exciting career in manufacturing is all about.

Event Activities

Networking Reception

4:00p – 7:00p • WEDNESDAY • WEST ATRIUM

Join us Wednesday evening in the West Atrium for our annual Networking Reception featuring live music from Acoustic Madness (sponsored by Intec Automated). Beverages and hors d’oeuvres are provided.

Closest to the Pin Contest

ALL DAY • BOTH DAYS • 2nd FLOOR of WEST ATRIUM

Bring your best swing to our Golf Simulator: Closest to the pin during the event wins free golf lessons from the Golf Leadership Academy!

Free Throw Shooting Contest

ALL DAY • BOTH DAYS • 2nd FLOOR of WEST ATRIUM

Bring your best shot to our Free Throw Shooting Contest for your chance to win some fantastic prizes!

Stadium Tours & Field Goal Kicking

12:00p – 5:00p • BOTH DAYS • FORD FIELD TURF

Take a guided tour of Ford Field, from the top floor Rooftop Suite down to the Detroit Lions’ lockerroom! Afterward put your best foot forward and take a shot at a 35-yard field goal! (Just be sure to stretch first.) Meet at the field entrance between Sections 103 and 104 on the Adams St. Concourse at the top of every hour.
Digitalization is already changing all areas of life and existing business models. It is enabling industry to implement its product ideas by taking advantage of technology trends such as generative design and intelligent models. Production has become more innovative through additive manufacturing and advanced robotics, and new service models are being developed with the use of cloud solutions and knowledge automation.

Reduce the Time to Market
Manufacturing companies want to get their products to market faster – and at the same time master the increasing complexity of their products and production methods.

Boost Flexibility
The increasing trend toward individualized products demands precise and flexible manufacturing methods.

Boost Efficiency
In today’s world, not only does the product have to be sustainable and environmentally friendly; energy efficient production has become an increasingly important competitive advantage.

Improve Quality
Quality is essential if you want satisfied customers – and digitalization lets you begin manufacturing at top quality right away.

Increased Security
Multi-level security measures to counter cyber-attacks are necessary to protect a company’s intellectual property, both now and into the future.

A Holistic Approach
The Digital Enterprise Suite consistently and digitally links all phases and process steps, all the way to the suppliers. In each phase, a digital twin is created that feeds back new findings from simulations and tests, which can then be used for continuous optimization. This allows enterprises to begin at any point in their value chain, from product design to service, and extend digitalization gradually in line with their current needs – including existing system solutions.

MindSphere, the Cloud-based, Open IoT Operating System
MindSphere makes it possible to analyze the performance of manufacturing plants and products and report back all findings to the entire value chain for continuous optimization. MindSphere collects data from the real world, adding a statistical data model to the analytical model of the digital twin. Comparison of both models can be used for continuous improvements.
The End-to-End Digital Twin in Detail

The digital twin is the precise virtual model of a product or a production plant. It displays their development throughout the entire lifecycle and allows operators to predict behavior, optimizing performance, and implement insights from previous design and production experiences.

Our comprehensive concept of the digital twin consists of three forms: the digital twin of the product, the digital twin of production, and the digital twin of the performance of both product and production. Thanks to our comprehensive domain expertise and optimized tools, Siemens is the only company that offers this holistic approach.

There is tremendous value gained from performing “what if” scenarios and predicting future performance with the digital twin. The ultimate goal of the digital twin is in the closed-loop connection between the virtual world of product development and production planning with the physical world of production system and product performance. Through this connection actionable insight is gained from the physical world for informed decisions throughout the lifecycle of products and production operations.

Digital Twin Product
The product digital twin comprises the product design as well as virtual, system-oriented product development. This enables complex products to be designed, simulated, and validated, multiphysic simulation, electronic design automation and software management – across domains with no need for physical prototypes.

Digital Twin Production
The digital planning, simulation, and optimization of the production with automatic generation of the PLC code creates the production digital twin. The co-simulation of mechatronics and automation results in a holistic simulation model that serves as the foundation for virtual commissioning.

Digital Twin Performance
In the real world, the digital twin of the performance is constantly fed with data from the product and the production facilities, which leads to new insights. Thanks to the connection with integrated automation components, the shop floor provides all relevant data. Feeding back all insights into the entire value chain via MindSphere – right back to product design – generates a fully closed decision-making loop for the continuous optimization of the production and product in the real world.
Since 1969, Electro-Matic has helped transform American industry by supplying automation components and solutions to leading U.S. manufacturers. Today, Electro-Matic continues to leverage the value of emerging technologies by developing practical applications for industrial, commercial and retail markets.

As a technology company, we help our customers turn innovation into value. As a one-hundred percent employee-owned business, our customers enjoy the benefit of a supplier partner intently focused on delivering strong value-for-value relationships.

**Detroit**
248-478-1182

**Grand Rapids**
248-478-1182

**Cleveland**
440-498-8465

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**PRODUCTS**

**Electro-Matic Products** is a high tech automation distributor, providing value to many leading manufacturers in the Midwest region. Many of our customers are preeminent suppliers to the automotive, aerospace, food and beverage, steel, glass, tire, chemical and pharmaceutical markets.

Now a Digitalization PLM partner!

[electro-matic.com](http://electro-matic.com)

[goo.gl/xELQRC](http://goo.gl/xELQRC)

[@electromatic_products](http://twitter.com/electromatic_products)

[goo.gl/bkpWRp](http://goo.gl/bkpWRp)

[@electromaticmi](http://instagram.com/electromaticmi)
Electro-Matic Integrated is a solutions company focused on connecting, sensing, configuring and modifying industrial automation technologies, including: industrial connectivity, sensor automation, mechatronic, electro-mechanical, and safety solutions. integrated.electro-matic.com

Electro-Matic Visual is a provider of innovative and energy-efficient LED display and LED lighting to the commercial and industrial markets. Electro-Matic’s turnkey approach to LED Lighting and energy solutions can help show you LED technology can improve your profits by improving production efficiencies, increasing top line sales, improving your profit margin mix, and reducing your energy costs with a new installation or retrofit. visual.electro-matic.com

@em_integrated
@em_visual
@em_integrated
@em_displays
EXHIBITORS

Fori Automation • Booth 101
Turck has become a pioneer in industrial automation technology. Our mission, as a leading value-added supplier of products to the factory and process automation markets, is to provide customers with a comprehensive line of quality and advanced technology products in a fast, flexible and accurate manner. For 40 years we've dedicated ourselves to develop, design and manufacture exceptionally versatile products, while providing unsurpassed service and support to our customers.

Our extensive line of products includes thousands of sensor, fieldbus, cordset and connector combinations that meet clients’ needs. Turck is focused on the factory and process automation industries, and producing products that uphold uncompromising standards for reliability and functionality.

Don Dale • 586-306-6855 • don.dale@turck.com
**ATI Industrial Automation**

ATI Industrial Automation is the world-leading engineering-based developer of robotic accessories and robot arm tooling, including Automatic Tool Changers, Multi-Axis Force/Torque Sensing Systems, Utility Couplers, Robotic Deburring Tools, Robotic Collision Sensors, Manual Tool Changers, and Compliance Devices. Our end-effector products are found in thousands of successful applications around the world.

Catherine Morris • (919) 772-0115 • catherine@ati-ia.com

**Claroty**

Claroty’s mission is to protect industrial control systems (ICS) and networks from cyberattacks; ensuring safe and continuous operation of the world’s most critical infrastructures. With Claroty, customers avoid costly downtime and enjoy the benefits of connected control systems without compromising the safety and security of personnel or expensive industrial assets.

Katherine Brocklehurst • (808) 346-5800 • katherine.b@claroty.com

**Brave Control Solutions**

Brave Control Solutions is a systems integration company based in Windsor, Ontario. Since 2008 Brave has been designing and integrating technical solutions and solving the challenges of North America’s largest manufacturers. Comprised of a close knit team of talented electrical designers, engineers and technicians, we are dedicated to delivering quality results and are driven towards doing things better.

Danielle Bouteiller • (519) 974-9955 • dbouteiller@bravecs.com

**Comau**

Comau, a member of the FCA Group, is a worldwide leader in delivering advanced industrial automation products & systems. Combining innovative engineering solutions with enabling technologies, Comau helps companies leverage the full potential of digital manufacturing. Headquartered in Turin, Italy, Comau has over 45 years of factory-proven experience and an international network of 36 locations, 15 manufacturing plants & 5 innovation centers that span 17 countries.

Sales • (248) 353-8888 • generalautomation@comau.com

**Conductix-Wampfler**

Conductix-Wampfler is a global supplier of energy & data transmission systems supplying conductor rails, IPT systems, positioning & wireless charging pads. Ideal for powering your AGV’s, EMS, conveyors, skillets, AS/RS, overhead cranes, and other material handling devices used in vehicle plants. We offer decades of engineering experience applying mobile electrification technologies to modern automotive plants and intralogistics operations.

Andy Haugh • (402) 339-9300 • andy.haugh@conductix.com

**Control Systems International**

We are a top tier professional engineering firm based in Michigan and Ontario. We have over 30 years experience providing automation solutions and electrical design for all industries including automotive, food, oil and gas and environmental controls.

Al Gordon • (519) 737-7447 • agordon@consystint.com
CSIA
The Control System Integrators Association (CSIA) is a non-profit, professional association with a mission to advance the control system integration industry for the benefit of our members and their clients. Through business Best Practices, training and networking, CSIA strives to improve the business capabilities of its members.

Jose M. Rivera  •  (847) 345-5128  •  ceo@controlsys.org

Datalogic
Datalogic is a global technology leader in the automatic data capture and process automation markets, specialized in the design and production of bar code readers, mobile computers, sensors for detection, measurement and safety, RFID, vision and laser marking systems. Datalogic's cutting edge solutions help to increase efficiencies and quality of processes in the retail, manufacturing, transportation & logistics and healthcare industries, along the entire value chain.

Eric Updike  •  (262) 212-4658  •  eric.updike@datalogic.com

DMC Inc.
DMC is a project-based engineering firm focused on software development and control systems. We develop and implement solutions for a wide range of industries using a variety of technologies and platforms. DMC makes your production systems more efficient, flexible, and reliable using the latest technologies. As premier automation integrators our manufacturing intelligence solutions provide you the information you need to make more effective business decisions.

Nick Shea  •  (312) 255-8757  •  nick.shea@dmcinfo.com

Engineering Digital Industry
Engineering Digital Industry delivers the power of the Digital Thread for Industry 4.0. Leveraging our unique experience implementing and integrating the entire spectrum of digital tools, our team facilitates the adoption, implementation, integration and transformation journey for manufacturers across all industries worldwide. To learn more about what we do and why we do it, visit www.engusa.com.

Zivile Badaraite  •  (312) 402-4673  •  z.badaraite@engusa.com

Festo Corporation
For over 40 years in the US and 80 years globally, Festo has been a positive force for manufacturers. Our passion is automation - creating intelligent automation solutions that transform the way people work, the way companies compete. Ultimately, it’s about continuously stimulating progress. Our aim is to help our customers make their products faster, smarter and more precise. Rather than surviving, they can thrive as industry leaders. And when our customers win, we win.

Rocky Silvestri  •  (631) 404-3165  •  rocky.silvestri@festo.com

Feyen Zylstra
We are hardworking doers and thinkers, proud to solve the most complex problems associated with the design, installation, and maintenance of industrial automation systems. Our team's knowledge runs deep in our three major solution areas: controls and automation, digital products, and industrial networking. By providing a mix of leading edge technology and excellent customer service, we execute projects from idea conception to project completion.

Steve Brown  •  (586) 839-0848  •  steveb@fzcorp.com
Fibro Laepple Technology Inc.

FIBRO LAEPPLE TECHNOLOGY (FLT) is an international provider of automation solutions. FLT solutions are known for process stability, efficiency and prolonged service life. We develop, produce and install intelligent automation systems worldwide. You will find our best-in-class systems doing process automation, transport and assembly in automotive, aerospace and a variety of other industries. FLT with locations in The United States, Canada, Germany and China, is a member of the LAEPPLE Group.

Joe Fantauzzo • (313) 265-9319 • j.fantauzzo@flt-us.com

Fives DyAG

Fives DyAG Corp. is a full service integration and engineering company providing solutions for manufacturing in Controls, CNC, Robotics, Machine Vision Systems along with turnkey automation solutions and software products. We are headquartered in Farmington Hills, MI, with offices in: Birmingham, Charlotte, Indianapolis, Nashville, Seattle, Indianapolis, Silao, MX and Queretaro, MX. Fives DyAG Corp. employs a dynamic team of over 150 educated, field tested, and highly qualified engineers.

John Lopetrone • (734) 347-3217 • john.lopetrone@fivesgroup.com

Fori Automation, Inc.

Fori Automation is a leading global automation company specializing in the design, build and integration of custom material handling, assembly, testing and welding systems for the Automotive and Non-Automotive industries. With over 30 years of experience and seven locations across four continents, we are positioned to support our customers around the globe.

Mark VanHaverbeck • (810) 728-1814 • mvanhaverbeck@foriauto.com

Firestone Industrial Products

Firestone air springs are time-proven industrial actuators and vibration isolators. As an actuator, air springs offer a unique ability to provide linear or angular motion in a very low profile when compared to air cylinders. Their unique, flexible properties lend well to numerous duties on machines that press, tension, roll, convey, lift and package. As an isolator, air springs are effective in reducing the harmful effects of vibration.

Swavic Zieleniec • (248) 520-9559 • zieleniecswavic@fsip.com

Fortress Interlocks

Protecting people, protecting productivity. For anyone who needs to protect people and machinery, Fortress is the interlock company that offers reliable, cost effective customized solutions.

Ryan McMasters • (859) 638-0030 • ryan.mcmasters@fortressinterlocks.com

Flodraulic

The Flodraulic Group is a Systems Integrator with branches throughout North America and Europe. One of our core competencies is automation for the stamping industry focused on improving productivity while maintaining the highest degree of safety and reliability. Flodraulic has the expertise to take your project from concept through to design, panel build, programming and commissioning. We can modernize your aging presses with our FLO-MEC press safety upgrade package.

Greg Heyd • (866) 362-8383 • windsorsales@flodraulic.com

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Gravotech Inc
Gravotech lasers are widely used for marking, engraving, embellishing and cutting any material, from plastic to metal, to ceramic, to organic materials, etc. Personalization and signage needs with an extensive range of standard and customized laser machines. Gravotech is a leader in the design, manufacturing and distribution of innovative marking, engraving and cutting solutions. Gravotech is much more than that, with an presence in over 100 countries.

Travis Howard - (770) 623-0331 • travis.howard@gravotech.com

Helukabel USA
HELUKABEL® is your one-stop solution provider for cables, wires and cable accessories in the United States. Our wide range of UL/CSA approved cables and wires includes: flexible tray cable for both stationary and flexing applications, high-flex robotic cable for continuous flexing applications, VFD/servo cable, and network bus cable.

John Harris - (248) 408-4363 • john.harris@helukabel.com

Hilscher NA, Inc.
Hilscher is a global provider of industrial communication solutions from the factory floor to the IIoT Cloud and everything in between. Hilscher’s expertise and innovative approach translates to a full range of embedded products for OEMs and gateways, protocol converters, proxies and PC cards for Machine Mfrs, Integrators and End Users. Hilscher’s newest offering of innovative IIoT Edge gateways expands their coverage up to the Cloud.

Victor Wolowec - (630) 390-4053 • vwolowec@hilscher.com

Innovar Systems
Achieve Operational Excellence through Digital Transformation with ENFORCER Smart Manufacturing by Innovar. The ENFORCER Smart Manufacturing system is a user-configurable, scalable software platform that enables your team to build a shop-floor production system that evolves with your business. The system offers digital twinning, part-level process control, quality enforcement and traceability to empower your team with the real-time information to drive continuous improvement.

Scott Yakubek - (330) 538-3942 • scott.yakubek@innovarsystems.com

Intec Automated Controls
As a company, we have over 22 years of experience in electrical controls integration. Collectively, our team has even more years under their belt. We have engineers and designers, field technicians and customer-support operators. We’re fully equipped to handle projects of varying degrees and are capable of doing so in attractive timelines with cost-effective solutions. The size and structure of our company is what helps us thrive so we’re better able to service our customers.

Mark Bushbaker - (586) 719-9986 • mbushbaker@intecautomated.com

International Society of Automation (ISA)
The ISA is a nonprofit professional association that sets the standard for those who apply engineering & technology to improve the management, safety, and cybersecurity of modern automation & control systems used across industry and critical infrastructure. ISA develops widely used global standards; certifies industry professionals; provides education & training; publishes books & technical articles; hosts conferences & exhibits; & provides networking & career dev. programs for its 40,000 members and 400,000 customers.

Bill Furlow - (972) 822-4918 • wfurlow@isa.org
Lapp
At Lapp Group, we understand the critical role our brand and products play in a wide array of industries and manufacturing applications. Our business partners depend on the quality, performance, and durability of our total electrical connectivity solutions to keep their facilities and lines up and running, even in the most demanding conditions.

Leuze Electronic
From a textile mill in southern Germany in 1861 to one of the leading optoelectronic sensor manufacturers today, Leuze continuously strives to provide innovative products that improve our customer's efficiency and productivity. Leuze electronic offers unparalleled product selection, integration support, trouble-shooting assistance and production enhancement.

Linear Transfer Automation, Inc.
Linear is a global supplier of press automation equipment. Leveraging, 25 successful years of our equipment out in industry, Linear also provides control system evaluations & upgrades, electrical design, software programming & training and production support. Linear can offer upgrade packages for Industry 4.0 / predictive maintenance / data collection to any machine. All our services and equipment are backed by a 24/7 service support and spare parts program.

Magswitch Technology
Magswitch Automation Company offers powerful magnetic products with unique capabilities and significant improvements to end-of-arm-tooling, pick-and-place, bin picking, body-in-white, assembly, stamping and many other applications. Our brand NEW E Series features an electrically actuated line that allows the tool to de-stack thin material with smart tool capabilities! Stop by our booth to learn more on how Magswitch patented technology can be integrated into your production floor!

Markforged
Markforged transforms manufacturing with the most affordable 3D printers capable of producing parts tough enough for the factory floor. Engineers, designers, and manufacturing professionals all over the world rely on Markforged metal and composite printers for tooling, fixtures, functional prototyping, and high-value end-use production. Founded in 2013 and based in Watertown, MA, Markforged has over 200 employees globally, with $57 million in both strategic and venture capital.

Matrix Technologies
Matrix Technologies is a Siemens Solution Partner and versatile, full-service resource for automation and engineering. Industrial manufacturers around the world have trusted us with their most challenging projects for nearly 40 years. Over 85% of our business is repeat project work from satisfied, long-term clients. With six U.S. offices, a knowledgeable and experienced team, a proven project methodology, and unmatched industry expertise, we can deliver your project on time and on budget.
Nexans Industrial Solutions

Nexans' offers an extensive range of Industrial Ethernet solutions that deliver increased performance for our customers worldwide, ensuring reliable and worry-free performance under the demands of most any industrial environments. Our complete range of solutions and value-added services provide improved reliability and reduced cost of ownership for network managers, and faster installation times for installers.

Parker Hannifin Corporation

Parker Hannifin is a Fortune 250 global leader in motion and control technologies. For over 100 years the company has engineered the success of its customers in a wide range of diversified industrial and aerospace markets. Parker's engineering expertise and broad range of core technologies uniquely positions the company to help solve the world's greatest engineering challenges. By providing the broadest range of factory automotive solutions, Parker can meet all your requirements.

Miniature Plastic Molding

Mini-Jector Machines are available in pneumatic, hydraulic or electric models, with either plunger or reciprocating screw type plasticizing systems. All Mini-Jectors may be used with a wide range of thermoplastics, ceramics and various investment waxes. MPM products are perfect for low-quantity production runs, cable overmolding, prototyping production parts, and more.

Outbound Technologies, Inc.

Outbound Technologies is a systems integrator specializing in electrical controls, software and networking. Outbound services a diverse customer base that includes automotive, food & beverage, consumer products, medical device and many others. Outbound delivers fixed price (design, build and commission) projects, turn-key special equipment, equipment validation and hourly engineering services.

Patti Engineering

Patti Engineering is a CSIA certified control systems integrator offering turnkey integration services: From designing and building new automation systems; to upgrading and retrofitting antiquated systems; to the design and implementation of asset tracking, artificial intelligence, and industry 4.0/IIOT. Our services include project management, electrical engineering, simulation, process improvements, software development, installation support, documentation, and training.
Pneumatic Scale Angelus

With over 16,000 can seamers in 132 countries, PSA Can seamers are designed to meet the specific canning and seaming equipment needs of food and beverage processors. PSA provides ongoing customer service, technical service, engineering support, spare parts, and a training university for customers. New 50 & 100cppm filler/seamer canning lines now available.

Kyle Kelleher • (330) 612-5431 • kyle.kelleher@bwpackagingsystems.com

Reiku NA

Reiku specializes in Cable Management for Robotics & Automation on all makes and Models of Robots. We also have a complete line of cable management kits for collaborative Robots. Please visit our website at www.reikuna.com for more great details.

Rob Wascinski • (216) 536-0773 • rwasin@drossbachinc.com

RoMan Manufacturing

RoMan Manufacturing provides water-cooled, high-current, low-voltage power supplies. We are an industry-leading manufacturer of AC and DC power sources, and related specialty products. Quality Non-Ferrous Foundry (QNFF) is a part of the RoMan family of companies. At QNFF we pour a wide variety of Aluminum, Brass, Bronze, and Copper alloys into castings ranging from simple to complex cored green sand, no-bake, and permanent mold.

Scot Reitenour • (269) 998-0935 • sreitenour@romanmfg.com

SoftServe Inc.

SoftServe is a digital authority that advises and provides at the cutting-edge of technology. We reveal, transform, accelerate, and optimize the way enterprises and software companies do business. And with expertise across healthcare, retail, media, financial services, software, and more, our end-to-end solutions deliver innovation, quality, and speed.

Briana Mendoza • (512) 422-7651 • bmend@softserveinc.com

Softing Inc.

Softing Inc. is the leader in Data Exchange solutions and Industrial Network Diagnostics offering tools for troubleshooting/monitoring Profinet, Ethernet and Profibus networks. Our Data Exchange solutions include software and hardware appliances for OPC-UA and databases (Oracle & Microsoft SQL), and connectivity devices for Profibus, EtherNet/IP and Profinet.

Jim Ralston • (724) 554-8498 • jim.ralston@softing.us

Rever’s digitized Kaizen platform helps industrial companies boost productivity to build a real Continuous Improvement culture.

Ralf VonSosen • (801) 554-8447 • ralf@reverscore.com

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Staubli
As one of the leading manufacturers of quick connector systems, Stäubli covers connection needs for all types of fluids, gases and electrical power. Our standard and specialized products, including single and multi-pole connectors, tool changers and quick mold change systems, combine performance, quality, safety, dependability and durability.

Tarus Products Inc.
TARUS Products Inc is a 50-year specialty builder of 5-Axis milling machines, deep hole drilling machines and CMMs for aerospace, automotive design studios, mold & die, energy, and industrial markets. Building high-precision machining solutions and providing our customers their best ROI through innovation, durability, performance, reliability and exceptional service is the backbone of what TARUS is about. Explore the possibilities - Contact us today.

TE Connectivity
TE Connectivity - creating a safer, sustainable, productive and connected future. As the go-to engineering partner for today’s innovation leaders and technology entrepreneurs, we are helping solve tomorrow’s toughest challenges with advanced connectivity and sensor solutions. Now TE Connectivity includes the ENTRELEC terminal block business that was formerly a part of ABB.

TE.CO Tecnologia Commerciale S.p.A.
Headquartered in Bologna (Italy), TE.CO. was founded in 1982 on the entrepreneurial idea of an added value customer service. It means strong commitment to provide cable solutions, cut to size, available on stock and best fulfilling the evolving market requirements. A continuous growth allowed the Company to become a leading, reliable business partner supplying special cables for industrial automation to international dealers, OEM’s, cable assemblies makers, panel builders, system integrators.

US Tsubaki Inc.
For more than 60 years Tsubaki KabelSchlepp™ has been developing and providing products to handle industrial cable management needs in the toughest of applications. Such innovation has resulted in industry specific developments of our cable carriers for a variety of industry segments, such as machine tool, port and cranes, medical and laboratory technology, oil and gas, industrial robots, and even space travel. We offer a comprehensive standard product portfolio for various applications.

Stober Drives
Stober provides a wide breadth of the highest quality gearing, servo and rack & pinion products that exceed the harshest and most demanding application requirements. Our goal is to be the Gold Standard for our OEM and User customer by exceeding all expectations.

Valentina Becucci  •  +390516047357 • valentina.becucci@tecoit.com  307

Dave Smith  •  (513) 315-0643 • davesmith@ustsubaki.com  305
Vitronic Machine Vision Ltd.

VITRONIC is a world leader in industrial machine vision. The owner-managed group of companies develops innovative products and customized solutions in the industries of industrial automation, logistics and traffic. With over 30 years of experience, VITRONIC offers a unique portfolio of systems and software for quality inspection and identification. VITRONIC is currently represented by over 1,000 employees on four continents. In 2017, VITRONIC generated total revenue of over 172 million €.

Allan Kotnik • (502) 266-2699 x206 • allan.kotnik@vitronic.com

Applied Manufacturing Technologies

AMT was founded in 1989 as an engineering services company and has grown over the last three decades to become a full-scale automation solution provider. Our capabilities offer the ability to engage with our customers at every point in their manufacturing process from front-end consulting, through concept and design, build, and field start-up.

We offer complete industrial controls design and engineering services.

Scott Nicol • (586) 690-3209 • snicol@appliedmfg.com

Telit

When it comes to building and managing your IIoT solution, you need a platform that helps all of your devices and applications “talk” to one another easily. That’s where Telit deviceWISE® for Factory, our IIoT platform comes in. With Telit deviceWISE for Factory, you don't need custom code to quickly connect to your enterprise and IoT applications, including those on Amazon, SAP, IBM Watson.

Kipley Simmons • (208) 440-2822 • kipley.simmons@telit.com

Eastern Michigan University

Eastern Michigan University is a premier public university recognized for student-centered learning, high quality academic programs, and community impact. EMU’s College of Technology serves 2,000+ students through more than 30 undergraduate, graduate and doctoral academic programs including engineering, product design and development, cyber security, aviation, construction management, polymers and coatings, simulation, animation and gaming, and communication technology.

Philip Rufe • (734) 487-3133 • prufe@emich.edu

Harting

HARTING is the global leader in the connector industry. We develop, manufacture and sell the world’s most durable and reliable products and solutions for use in harsh, industrial environments. HARTING was first established in 1945 and delivers unrivaled reliability, efficiency, performance and innovation. At HARTING, we are as invested in our customers as we are in our products, knowing that confidence comes from dependable connections that stand the test of time.

Sean Hill • (248) 247-0975 • sean.hill@harting.com

Henry Ford College

Henry Ford College is a provider of high quality Secondary and Post-Secondary Education. We Specialize in Apprenticeship for Professional trades and Advanced Manufacturing.

Callan Eschenburg • 810-300-0221 • ceeschenburg1@hfcc.edu
Lawrence Technological University
Lawrence Technological University is a private university founded in 1932 that offers more than 100 programs through the doctoral level in its Colleges of Architecture and Design, Arts and Sciences, Engineering, and Business and IT. LTU is ranked among America’s best universities with alumni salaries in the top 12% of the nation. Students benefit from a real-world, hands-on, “theory and practice” education. LTU’s 107-acre campus has more than 60 student organizations and NAIA varsity sports.

Al Lecz • (734) 677-5472 • alecz@wccnet.edu

Oakland University
Oakland University offers students a high quality education through highly qualified faculty, flexible class schedules, new facilities including a $75 million Engineering Center, internships and co-ops with corporate partners. Oakland’s Industrial and Systems Engineering Dept. offers undergraduate and graduate degree and certificate programs in Industrial and Systems Engineering, Engineering Management, and Systems Engineering, with many courses on PLM and Industry 4.0 topics.

Robert Van Til • (734) 417-6598 • vantil@oakland.edu

SUNY Delhi
SUNY Delhi - Mechatronics designers turn the ideas of inventors and engineers into technical plans for production. Graduates of this program are prepared to step directly into high-paying jobs working on robotic systems and intelligent equipment in manufacturing, food processing, pharmaceutical production, power generation and distribution, mining and other applications.

Lynn Warner • (607) 746-4354 • warnerlw@delhi.edu

University of Toledo
The University of Toledo is committed to excellence in education including PLC and controls. EECS and EET courses teach the concepts of PLC programming. We were among the first to adopt a hybrid approach including Siemens as a major emphasis in PLC and mechatronics education.

William T Evans • (419) 343-3681 • william.evans@utoledo.edu

Washtenaw Community College
Located in Ann Arbor, MI, Washtenaw Community College is recognized as a national leader in training the workforce for the exciting new world of mobility. WCC, through its Advanced Transportation Center, uses an interdisciplinary approach, combining the latest advanced manufacturing technologies with business and computer technology. Our exhibit shows how.

Al Lecz • (734) 677-5472 • alecz@wccnet.edu

Wayne State University
The vision of the College of Engineering is to be a premier engineering college known for improving quality of life through education, innovation & entrepreneurship.

Ece Yaprak • (313) 577-0800 • ab2544@wayne.edu
Use Escalators on the 2nd Floor to reach the 3rd Floor Seminars, the Tech Zone, or Elevators to Basement and 4th-7th Floor Seminar Rooms.
EXHIBITOR FLOOR PLAN

BRUSH ST. CONCOURSE
WEST SIDE

E1  Siemens SCE
E2  Oakland University
E3  Washtenaw Community College
E4  Wayne State University
E5  Henry Ford Community College
E6  University of Toledo
E7  Eastern Michigan University
E8  SUNY Delhi
E9  Lawrence Technological University

FIRST Robotics Teams

400  Electro-Matic IPC Promotion
401  Parker Hannifin
402  Comau
403  DMC, Inc.
404  Feyen Zylstra
405  CSIA
406  ISA

WEST ATRIUM
GROUND FLOOR

101  Fori Automation
102  Rittal
103  Miniature Plastic Molding (MPM)
104  Electro-Matic Integrated
105  TE Connectivity
106  Datalogic
107  Fortress Interlocks
108  Festo Corporation
109  Fiber Laapple Technology
110  Mira
111  Claroty
112  Markforged
113  Brave Control Solutions
114  Rever

WEST ATRIUM
2nd FLOOR

115  Turck
116  Lapp
117  Electro-Matic Visual

ADAMS ST. CONCOURSE
NORTH SIDE

201  Outbound Technologies
202  Hilscher NA, Inc.
203  Fives DyAG
204  Matrix Technologies
205  Conductix-Wampfler
206  Control Systems International
207  Staubli
208  Helukabel USA
209  Magswitch
210  SoftServe Inc.
211  Firestone Industrial Products
212  Softing Inc.
213  Engineering Digital Industry
214  Nexans Industrial Solutions
215  Stober
216  RoMan Manufacturing
217  Flodraulic
218  Linear Transfer Automation
219  Harting
220  Industrial Plant Services

ADAMS ST. CONCOURSE
SOUTH SIDE

301  Leuze Electronic
302  Patti Engineering
303  Tarus Products Inc.
304  ATI
305  US Tsubaki
306  Gravotech Inc.
307  TE.CO Tecnologia Commerciale S.p.A.
307a  Telit
308  Intec Automated Controls
309  Reiku North America
310  Vitronic Machine Vision Ltd.
311  Innovar Systems
312  Applied Manufacturing Technologies
313  Control System Innovators

BAR
Basketball
Coat Check
Elevator
Escalator
Food
Ford Field Tours
Golf Simulator
Vouchers / Info
Parking
Registration / Check-In
Restroom: Men
Restroom: Women
Stairs

MARCH 20-21
EVENT FLOOR PLAN

7TH FLOOR
Seminar Rooms: Press Dining Room, Rooftop Suite, South Press Alcove

6TH FLOOR
Seminar Room: 6th Floor Landing

5TH FLOOR
Seminar Room: 5th Floor Landing

4TH FLOOR
Seminar Room: 4th Floor Landing

3RD FLOOR
Seminar Rooms: Hall Of Legends 1-3 (The Summit), Suite C5, Suite C6

2ND FLOOR
Exhibitor Booths, 2nd Level Lounge, Gridiron Club (Food, Beverage & CPG Futures Forum, Student Zone)

GROUND FLOOR
Exhibitor Booths, Digitalization Zone, Education Zone, Field Access, Gate B Entry, Gate G Entry

BASEMENT
Seminar Rooms: Assistant Coaches Locker Room, Lions Post-Game Interview Room, Photo Room, Visitors Locker Room, Visitors Post-Game Interview Room

BASEMENT IS ACCESSIBLE BY ELEVATORS NEAR THE TECH ZONE ON THE 3RD FLOOR ONLY
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<thead>
<tr>
<th>Time</th>
<th>3RD FLOOR</th>
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<td>8:00A</td>
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<tr>
<td>9:00A</td>
<td><strong>The Summit</strong></td>
<td><strong>Tools for Product Selection &amp; Commissioning Hardware</strong></td>
<td><strong>Future-focused Automation for the Digital Enterprise</strong></td>
<td><strong>SCADA Trends: Storing and Analyzing Data in Your “Private” Cloud</strong></td>
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<tr>
<td>10:00A</td>
<td><strong>Digitize Your Motor Control Applications</strong></td>
<td><strong>Integrated Automation Safety Workshop</strong></td>
<td><strong>Advantages of Plant Simulation for Picking and Conveyor Systems</strong></td>
<td><strong>RFID and Real-Time Locating Systems: Laying the Groundwork for the Future</strong></td>
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<td>11:00A</td>
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<td><strong>Navigating the Matrix of Wireless</strong></td>
<td><strong>Safe and Reliable Electrical Infrastructure</strong></td>
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<td>1:00P</td>
<td><strong>Digitalization @ Your Fingertips™</strong></td>
<td><strong>Ease of Siemens Interconnectivity with 3rd Party Technology</strong></td>
<td><strong>Transform the Way You Do Advanced Hydraulic Control with Siemens</strong></td>
<td><strong>Construct, Create, Connect: The Future of Integration in Buildings</strong></td>
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<td>2:00P</td>
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<td><strong>Leverage Technology for Advanced Conveyor &amp; Sorting Systems</strong></td>
<td><strong>Monetize Distributed Energy Generation to Mitigate Energy Supply Price...</strong></td>
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<td>3:00P</td>
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<td><strong>Connecting Industry to Academia: Best Practices</strong></td>
<td><strong>Digitalization for Energy</strong></td>
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<td><strong>Drive Incremental Growth with Siemens Financing</strong></td>
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**TU-1**

- IP67 Functional Safety Continues to Evolve
- A Digital Approach to Panel Building
- Climate IoT Compatibility: Communication in the Cloud
- What's New in Controls
- When it Comes to Your Network's Security, an Ounce of Prevention is...
- SINUMERIK CNC as Part of a TIA Portal-based Manufacturing Cell
- ROK vs SIMATIC: Comparing Studio 5000 to TIA Portal

**TU-2**

- IQLink Application Review with TURCK
- Industrial Automation PC Technology for the Industry 4.0
- Mechatronics Tuning
- Iot: Cyber-Physical Production Systems on the Plant Floor
- What's New from Siemens: Automation Innovations 2019
- Digitize Your Panel Building
- Machine Tool Industry Benefits from New Applications for MindSphere
- Leveraging CNC-Controlled Robots in Manufacturing

**TU-3**

- Large Scale RFID Systems with TURCK Vilant
- Safety and Cybersecurity in the Digitalization Era
- UL508A and ArcFlash: Enclosure Safety & Security with One Simple Switch
- What's New in SINAMICS Drives and SIMOTICS Motion Control Motors
- Overview of NFPA 79 and NEC Updates: Impact to Machine Builders
- X Marks the Spot: Out of the Box Drive for Pumps and Fans
- Managing and Maintaining Implemented Security Measures is Critical when...
- ROK vs SIMATIC: Comparing Studio 5000 to TIA Portal

**CP-1**

- Improving Overall Equipment Effectiveness (OEE)
- Siemens Trusted Traceability with Blockchain
- Removing the Barriers to Additive Manufacturing
- Increase Your F&B Processing Equipment ROI with Industrial Controls
- Solving Today's Skills Gaps: The Role of Service Partners

**FA-1**

- Measurement Technology for Industry with SIMATIC
- Simulation Made Easy
- Integrated Manufacturing with Product Lifecycle Management Solutions
- Driving Digital with the Industrial Internet of Things
- Plc Retrofit for SINUMERIK 840D: An Economical Modernization Service for PC...
- ROK vs SIMATIC: Comparing Studio 5000 to TIA Portal

**FA-2**

- Simulation Made Easy
- Integrated Manufacturing with Product Lifecycle Management Solutions
- Dynamic Technologies for Automotive Testing
- X Marks the Spot: Out of the Box Drive for Pumps and Fans
- Managing and Maintaining Implemented Security Measures is Critical when...
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**FA-3**

- Simulation Made Easy
- Integrated Manufacturing with Product Lifecycle Management Solutions
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**FA-4**

- Simulation Made Easy
- Integrated Manufacturing with Product Lifecycle Management Solutions
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- Managing and Maintaining Implemented Security Measures is Critical when...
- ROK vs SIMATIC: Comparing Studio 5000 to TIA Portal
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<th>Hall Of Legends 1</th>
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<td>Automated Guided Vehicles: Complete End-to-End Solutions</td>
<td>From TIA to Digital Factory: Solution Selling with Siemens</td>
<td>Navigating the Matrix of Wireless</td>
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<td>Digitize Your Motor Control Applications</td>
<td>Integrated Automation Safety Workshop</td>
<td>Getting More Out of Your Automated Storage &amp; Retrieval Machines</td>
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### Event Schedule

**8:00 AM**
- IP67 Functional Safety Continues to Evolve by TU-1
  - OU-1
- IOLink Application Review with TURCK by TU-2
  - CP-3
- Large Scale RFID Systems with TURCK Vilant by TU-3
  - LO-1
- State-of-the-Art Cable Solutions for Industrial Automation Applications by TECO-1
  - FA-12
  - DF-6

**9:00 AM**
- Mechatronics Tuning by TU-1
  - DF-11
  - RI-3
- IoT: Cyber-Physical Production Systems on the Plant Floor by TU-2
  - PL-4
- Increase Your F&B Processing Equipment ROI with Industrial Controls by CP-3
  - SO-1
- Simulation Made Easy by TECO-1
  - HI-1
  - EP-1

**10:00 AM**
- Climate IoT Compatibility: Communication in the Cloud by TU-1
  - RI-2
  - PL-2
- Siemens Trusted Traceability with Blockchain by TU-2
  - DA-1
- End-to-End Solutions for Traceability by PL-4
- UL508A and ArcFlash: Enclosure Safety & Security with One Simple Switch by RI-3

**11:00 AM**
- Digital Thread and Digital Twin: The Winning Factor in F&B by TU-1
  - CL-2
- Ethernet & Profibus Troubleshooting & Diagnostic Tools by PL-2
- How Digitalization Affects Our Business by DA-1
- Increase Your F&B Processing Equipment ROI with Industrial Controls by SO-1

**12:00 PM**
- When It Comes to Your Network’s Security, an Ounce of Prevention is... by TU-2
  - MC-7
- Siemens Trusted Traceability with Blockchain by PL-4
- ROK vs SIMATIC: Comparing Studio 5000 to TIA Portal by RI-3
- ROK vs SIMATIC: Comparing Studio 5000 to TIA Portal by FA-14

**1:00 PM**
- Benefits of Virtual Commissioning by HI-1
  - PE-2
- Functional Safety Solutions for Robotic Tool Changers by ATI-1
  - IS-2
- PCU Retrofit for SIMATIC 840D: An Economical Modernization Service for PC... by FA-14

**2:00 PM**
- Industrial Communications from the Factory Floor to the Cloud and Everything in... by EP-1
  - EP-1
- Overview of NFPA 79 and NEC Updates: Impact to Machine Builders by LA-1
  - LA-1
- A Digital Approach to Panel Building by CP-4
  - CP-4
- Managing and Maintaining Implemented Security Measures is Critical when... by IS-3

**3:00 PM**
- How Digitalization Affects Our Business by HI-1
  - HI-1
- Increase Your F&B Processing Equipment ROI with Industrial Controls by SO-1
  - SO-1
- A Digital Approach to Panel Building by CP-4
  - CP-4
- Managing and Maintaining Implemented Security Measures is Critical when... by IS-3

**4:00 PM**
- IP67 Functional Safety Continues to Evolve by TU-1
  - OU-1
- IOLink Application Review with TURCK by TU-2
  - CP-3
- Large Scale RFID Systems with TURCK Vilant by TU-3
  - LO-1
- State-of-the-Art Cable Solutions for Industrial Automation Applications by TECO-1
  - FA-12
  - DF-6
Don’t Forget! Workshop Registration & Voucher Notice

Registration for workshops does not guarantee a spot. Attendees must check in at the separate Hands-On Voucher/Information desk located on the Adams St. Concourse next to Section 104. Check in for workshops opens one hour prior to the class start time. Vouchers will be handed out on a first come, first served basis. You must be pre-registered for the workshop to be able to receive a voucher.

Measurement Technology for Industry with SIMATIC
Christopher Küppers & Raj Rajendra, Siemens

Learn all about the hardware and software possibilities for measurement technology in various industrial applications such as quality assurance, test stands, energy data acquisition, process optimization, and more. Get hands on experience with our hardware and software from our specialists in measurement technology.
Siemens Seminars & Workshops

Many of our Seminars and Workshops can be categorized in the following Industry Topics. To learn the latest on these Industry Topics you can create your own learning track by attending 1 or more of these sessions.

Cybersecurity

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Efficiency with Digitalization

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Machine Safety

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<td>Advantages of Plant Simulation for Picking and Conveyor Systems</td>
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Construct, Create, Connect: The Future of Integration in Buildings
Rich Nowak, Siemens

Construct a factory that is flexible, self-optimizing, self-adapting and autonomous. Create a perfect place that is synonymous with their employees and their brand. Connect systems to enhance and increase productivity in not only the factory but the work space. In this Seminar, our team will tell the story of how we improve the performance of a building through automation and fully integrated platforms. In turn, improving productivity, enhancing smart managing, and increasing work environment satisfaction.

Monetize Distributed Energy Generation to Mitigate Energy Supply Price Spikes
Todd Thurlow & Keith Mills, Siemens

Distributed energy generation technologies, such as cogeneration, solar, wind and backup fuel sources can help ensure uninterrupted run time for industrial operations during periods of outages. These assets can also be leveraged to mitigate energy supply price spikes, alleviate the impact of critical peak pricing, and allow fuel arbitrate opportunities. In this seminar, our team will explain how energy generation assets can be used to create additional value and savings for industrial plants in today’s environment of volatile energy prices.

RFID and Real-Time Locating Systems: Laying the Groundwork for the Future
Jeff Snyder & Nicole Lauther, Siemens

As processes within companies and in the outside world become more interlinked, RFID and RTLS (Real-Time Locating Systems) technology are becoming increasingly important for digitalization as the enabling technologies for your factory. By using RFID and RTLS you can create advantages along the entire supply chain: reliably meet quality requirements, increase the flexibility of production, reduce the number of manual operations, and recognize and instantly remove potential sources of faults, to name a few. Learn about steps that can be taken today to prepare your company for the digitalization journey.

When it Comes to Your Network’s Security, an Ounce of Prevention is Worth a Pound of Cure
Paul Nuss, Siemens

Do you know how vulnerable your network is? If you don’t, it could cost you in terms of failures, downtime or worse. The first step is to identify and gauge security vulnerabilities within your existing network and potential risks. From there, a path forward can be determined. This could include managed services, updates to hardware and software, security devices, security services, intrusion detection systems and firewalls. It all starts with a proactive approach to security. Learn about the many ways your network could be protected from threats.

Navigating the Matrix of Wireless
Jonathan Simpson & Cole Holland, Siemens

This session will focus on Siemens’ suite of Wi-Fi, Private Broadband Wireless and Cellular offerings for different applications. We’ll learn how to apply remote connectivity in the industrial space. We will also explore the versatility of SCALANCE W in your factory floor and the use of RUGGEDCOM WIN in long-range communications such as connecting multiple facilities or perimeter monitoring, closing out with 4G LTE technology.

Increase Your F&B Processing Equipment ROI with Industrial Controls
Geoff Eckhart, Siemens

In this seminar, we will discuss how Siemens controls can help you get the most out of your food and beverage equipment. We will highlight the major benefits of using Siemens industrial controls, preventative maintenance factors, and real-time availability. A deep dive into digital and connected and conditional monitoring devices, such as RFID, Simocode, Sirius Act Profinet, I/O Link, 3VA breaker, PSU8600 power supply, and the M200D motor starter.

What’s New In Industrial Controls
Jim Sirois, Siemens

Learn about the latest in Siemens Industrial Controls for 2019. See what’s happening with exciting and new Power Distribution Panel Solutions designed for automotive applications. Check out the latest product introductions including Simocode Pro V PN GP, ET200sp Motor Starters, Sirius ACT Pushbuttons with Profinet, 3VA Circuit Breakers with integrated power metering, and our latest 3RW5 Soft Starter.

Improving Overall Equipment Effectiveness (OEE)
John Burns & Jana Kocianova, Siemens

Evaluating equipment’s ability to perform well at the lowest overall cost is important to industry. Overall Equipment Efficiency (OEE) is used in industry to measure the performance of equipment. It is made up of three main factors, and real-time availability. A deep dive into digital and connected and conditional monitoring devices, such as RFID, Simocode, Sirius Act Profinet, I/O Link, 3VA breaker, PSU8600 power supply, and the M200D motor starter.
components: Availability, Productivity and Quality. This seminar will focus primarily on how OEE can be improved using an innovative solution from Siemens for capturing key data and how it can be analyzed and displayed using MindSphere.

A Digital Approach to Panel Building
Mike Burke, Siemens

Panel Builders face immense challenges competing in today’s market. A new approach to panel building is needed to overcome cost pressures and operational challenges. Together with experts from Siemens and EPLAN, this seminar will overview the current challenges and trends in panel building and how a digital approach to panel building can reduce your time to market and overall costs. We will discuss solutions to reduce your panel building costs and improve your overall competitiveness.

Digitize Your Motor Control Applications
Jeff Woolfolk, Siemens

New product development expands digitalization opportunities beyond PLCs, HMIs and VFDs. Advancements and acceptance of digital devices and networks provides new opportunities in motor control. Learn firsthand how to take advantage of digital motor control devices using Siemens control products. This hands-on workshop will include assembly, connection, and programming of pilot devices, PLCs, and motor controls via PROFINET.

Digitalization @ Your Fingertips™
Mark Berger, Siemens

Pilot devices play a key role in the uptime and downtime performance of a machine. This workshop is going to demonstrate how to use Sirius ACT Pilot Devices with Profinet communications to manage uptime and downtime of machines and categorize the state of the machine. This hands-on workshop will also demonstrate how Sirius ACT improves panel builder efficiency by reducing wiring labor, complexity, and IO in order to get machines into the field faster and with better diagnostics.

Transform the Way You Do Advanced Hydraulic Control with Siemens
Tim Barry & Brock Gale, Siemens

Eliminate dedicated and complicated hydraulic controllers and replace with standard PLC and a library of function blocks. Using Siemens library of function blocks for hydraulic functions and high speed I/O, control basic axis and complicated camming and geared axis. Control by position, force, velocity or a combination of all.

Advantages of Plant Simulation for Picking and Conveyor Systems
Gary Chavie & Noam Ribon, Siemens

In today’s fast pace e-commerce world, designing, building and starting up new distribution centers can be a time prohibitive proposition to meet consumer demand. Utilize Siemens Simulation and Digitalization tools to reduce development time. By creating a Digital Twin and bringing the real world into the virtual world, companies can simulate and commission every part of their conveyor system, from picking to shipping, before the system is ever built.

Automated Guided Vehicles: Complete End-to-End Solutions
Craig Henry & Jana Kocianova, Siemens

The fixed production line has given way to flexible, modular production. Automated guided vehicles (AGVs) perform this function in production facilities and distribution centers. Best practice includes pre-programmed libraries, built-in diagnostics, safety and self-healing, and secure communication networks to provide data for analytics. Come discover how Siemens can help you craft a systematic and a holistic approach to establishing a flexible and modular production with hardware and software with the AGV being the backbone of the smart factory.

Getting More Out of Your Automated Storage & Retrieval Machines
Bhaskar Chopra, Siemens

Come join Siemens experts for a discussion on new functions for automated storage and retrieval machines that allow for greater throughput, higher energy utilization, and a higher level of safety. In addition, learn how to size AS/RS machines more effectively using Siemens SIZER software.

Simulation Made Easy
Carl Owens & Craig Stevens, Siemens

Learn how new Simulation tools can save development time from project concept to completion. New advances in TIA portal software will show how to simulate changes to an existing project or training for maintenance. There will be a hands on Simulation for automation / drive control with TIA Portal tools.

Removing the Barriers to Additive Manufacturing
Tim Bell, Siemens

Over the last decade, 3D printing has evolved from prototyping with basic materials and equipment to produce low tolerance components with limited
use, to what we know of today as additive manufacturing, which can provide industrial components composed of advanced materials and meeting today's stringent quality requirements. Let's take a look at how Siemens is removing the barriers that are preventing widespread adoption of additive manufacturing.

Leverage Technology for Advanced Conveyor & Sortation Systems
Bill Henderson & Bhaskar Chopra, Siemens
Get more out of your Sortation System with Automation & Drives advancements to increase speed, reliability and throughput. We will show different technologies that work seamlessly together to enable high speed coordination of the entire conveyor system. Also featured will be key applications including tilt tray, bomb bay and other methodologies and how Siemens automation, drives, networking and control products fit into the system. Through real world examples, we will show the advantages of high speed controls & networking solutions for sortation applications.

Virtual Commissioning and Digital Twin for Machines
Colm Gavin, Siemens
The digital twin is an animated 3D model of a machine, where the animations are triggered from I/O signals coming from the virtual S71500 PLC. This allows for virtual commissioning much earlier in the process, with the following benefits - reduce the time to market, reduce expensive costs from on-site commissioning, train operators before using the machine and even in the marketing of the machine. In this presentation, Mr. Gavin will discuss how this is possible with software tools from Siemens.

Can Motion Control Be Any Easier? Discover A New Way of Motion
Craig Nelson & Kevin Wu, Siemens
Explore a new way of motion control within TIA Portal V15.1 to help you reduce machine development time while increasing performance and diagnostics. We’ll highlight the SIMATIC S7-1500T controller and SINAMICS S210 drives that offers an unprecedented level of integration to solve your motion applications.

Food, Beverage, & CPG Futures Forum
Ryan Jarvis, Siemens
This exclusive forum will feature a moderated panel of industry experts gathered to explore the future in Food, Beverage, and CPG manufacturing. Join this session for a unique opportunity to share best practices, explore new technology, and discuss the outlook for Digitalization in Food, Beverage, and CPG.

Digitalization for Energy
Ryan DeLapp, Siemens
Over the next decade, projections expect energy to encompass 40% of all building operational cost, and manufacturers to require production quality rates of 100%. Learn ways digitalizing your power can reduce costs, improve operational efficiency, maintain reliability, and ensure safety through the collection and analysis of data. This presentation includes information on Siemens Circuit Protection, Smartgear and Mindsphere solutions.

Safe and Reliable Electrical Infrastructure
Brandon Castro, Siemens
Safe and reliable power is critical for production. Manufacturers must ensure their personnel and electrical equipment are protected from arc-flash, cyber threats, and environmental impacts. Learn ways on how manufacturers can mitigate these types of risks. This presentation will include information on arc-flash solutions, safe power control and monitoring as well as cyber security services.

Industrial Automation PC Technology for the Industry 4.0
Alessandra Da Silva & Tim Parmer, Siemens
Learn the best practices of PC-based automation and how to make your industrial automation environment more secure and efficient. You’ll learn when to use PC-based Automation vs. Controllers and how to determine the hardware your project requires based on its conditions. Experience how industrial, rugged and reliable hardware will pave the way to the digital enterprise.

Future-Focused Automation for the Digital Enterprise
Ramey Miller & John DeTelliem, Siemens
Join us for an interactive discussion about automation and the Digital Enterprise. Whether you’re replacing components in an existing system or investing in a future-focused complete solution, Siemens has the technology, expertise and support to customize a solution that can transform your organization into a Digital Enterprise.

SCADA Trends: Storing and Analyzing Data in Your "Private" Cloud
Alan Cone, Siemens
Experience how WinCC can collect data from multiple systems/plants and store it in your private cloud for reporting and analyzing.
Tools for Product Selection & Commissioning Hardware
Raj Rajendra & Raghu Thumsi, Siemens

Learn to use TIA Selection Tool to select components and use them directly in TIA Portal projects. Experience the free tools for testing, commissioning and maintaining automation hardware and industrial networks.

Safety and Cybersecurity in the Digitalization Era
Wayne Cantrell, Siemens

Defense in Depth Strategy approach translated into SIMATIC systems. Implications and consequences of implementing safety and cybersecurity measures. Standardization activities related to the combination of safety and security topics.

What’s New from Siemens: Automation Innovations 2019
Jim Wilmot & Alan Cone, Siemens

Back by popular demand each year, we’ll discuss Siemens latest product innovations, complete with their best-in-class features that meet customer’s needs. Come hear about the latest innovations and get a peek at the roadmap for the upcoming year.

Ease of Siemens Interconnectivity with 3rd Party Technology
Ramey Miller, Siemens

Join us as we explore the possibilities in connecting Siemens hardware to third party devices. This hands on workshop will use Siemens Drives, PLCs, HMIs, and IPCs to connect to a variety of different protocols used in today’s industrial applications.

Measurement Technology for Industry with SIMATIC
Christopher Küppers & Raj Rajendra, Siemens

Learn all about the hardware and software possibilities for measurement technology in various industrial applications such as quality assurance, test stands, energy data acquisition, process optimization, and more. Get hands on experience with our hardware and software from our specialists in measurement technology.

Integrated Automation Safety Workshop
Jana Kociánova & Shun Gao, Siemens

At this interactive, hands-on workshop you will get an opportunity to explore capabilities of the SIMATIC S7-1200F basic safety controller. We will discuss micro PLCs, safety standards, trends, wiring and safety functions to make you confident in your upcoming safety projects.

ROK vs SIMATIC: Comparing Studio 5000 to TIA Portal
Ron Knight & Jeff Winegar, Siemens

Gain insight and experience with selection and comparisons of controllers, I/O, and software. Compare the engineering required to configure and program a solution using both Siemens’ and Rockwell’s latest offerings. We’ll demonstrate the creating of projects in Studio5000, Architect, and FactoryTalk View, helping you understand where the Siemens v15 Portal and S7-1500 offering is positioned on topics such as scalability, flexibility, true integration, libraries, diagnostics, and much more.

Machine Tool Industry Benefits from New Applications for MindSphere
Vinicius Strey, Siemens

New applications on the latest version of MindSphere provide machine manufacturers and operators cloud-based access to condition monitoring of connected machines. Users can capture, analyze, and visualize relevant machine data via the applications for configuring important parameters, to carry out availability and utilization analyses, and to compare estimated productivity with actual results. Join us a demonstration of the newest MindSphere applications specifically for the machine tool industry.

PCU Retrofit for SINUMERIK 840D: An Economical Modernization Service for PC-based Machine Tools
Jeff Smouse, Siemens

PCU Retrofit for SINUMERIK 840D service is offered by Siemens to modernize machine tools with a SINUMERIK 840D powerline controls, as an alternative to a complete retrofit or the purchase of a new machine. The existing PCU-based controller is replaced with a new, state-of-the-art, industrial PC and the operating system is upgraded to Windows 10 while retaining the same user interface. In this session, you will learn about the numerous benefits of this partial modernization, including integration into IT systems.
Managing and Maintaining Implemented Security Measures is Critical When Building a Cyber Defense Program
Harry Brian Jr., Siemens

As the cyber threats to industrial control systems grow in number and sophistication, the importance of creating comprehensive defense strategies to protect manufacturing businesses also grows. Attackers and methods are constantly evolving so defensive techniques have to adapt constantly as well. In this session, you will learn why building a cyber defense program to protect your business is a process, not a one-time event and how continually managing and maintaining implemented security measures is a proactive step to ever-changing security threats. We’ll also share customer examples.

Solving Today's Skills Gaps: The Role of Service Partners
Rick McNamara, Siemens

The increasing use of digitalization and intelligent automation in manufacturing today is resulting in a corresponding gap between existing employee skill-sets and the skills needed. In this session, we discuss the challenges facing manufacturers caused by a shortage of digital skills and the technical skills gap. Our presentation offers solutions in the areas of innovative learning to ready your own in-house staff and the possible role of 3rd-party service providers, such as Siemens, to lend their skills and expertise to your company.

Connecting Industry to Academia: Best Practices
Amanda Beaton & Patrick Hillberg, Siemens

Transforming classroom learning into more relevant concepts for today's advanced manufacturing environment takes ingenuity. Using our proven curriculum and hands-on training, Siemens and our key industry and academic partners have been building programs focused on leading-edge technologies for over a decade. Attend the session to discover how advanced technologies such as digitalization and IoT are impacting the learning landscape and how Siemens Cooperates with Education, our PL Academic team, and our Mechatronics Systems Certification program are employing these innovative technologies in real-world classroom projects.

What's New in SINAMICS Drives and SIMOTICS Motion Control Motors
Fabrizio Galbiati, Siemens

Join Siemens for a summary of recent and upcoming product introductions and enhancements in SINAMICS variable speed drives, SIMOTICS Motion Control Motors, and Engineering Tools. Within this seminar products and tools will be introduced to reduce machine development time, reduce system hardware accessories, raise machine reliability and achieve energy savings. Integration into TIA portal will also be featured.

X Marks the Spot: Out of the Box Drive for Pumps and Fans
Nikunj Shah, Siemens

The SINAMICS G120X is a simple, seamless, easy-to-use infrastructure drive - right out of the box for simple applications in the manufacturing industry such as pump, fan, compressor, conveyer, etc.. Learn about what’s new and exciting in this product: Key hardware & software features and dedicated functions which will help you provide simple, cost effective, and time- and energy-efficient solutions for your needs related to the above-mentioned applications in the manufacturing industry.

SINUMERIK CNC as Part of a TIA Portal-based Manufacturing Cell
Tiansu Jing, Siemens

Learn more about the extension of TIA Portal into SINUMERIK CNCs. Previously offered for automation solutions with SIMATIC PLCs and HMIs, TIA Portal provides a single engineering framework for controllers, HMI and safety. TIA advantages are now extended to include SINUMERIK controls, which provide savings in engineering time as well as for complete manufacturing cells with mixed controllers to be realigned. Machine builders and end-users benefit from a common framework, increased transparency and diagnostics.

Mechatronics Tuning
Carl Owens & Doug Millstead, Siemens

Learn how mechatronics tools can help improve machine reliability and production. A short overview of mechatronics theory will be given and hands on introduction to Siemens tools for optimization of machine tuning. The overview will include an actual demonstration of mechatronics tuning with actual mechanica components such as couplings, gearboxes, and belt drives.

Dynamic Technologies for Automotive Testing
James Ellis, Siemens

Join us for a glimpse into the capabilities of the SINAMICS drive family for testing applications. Powertrain testing is no longer only about motion, see how the proven SINAMICS platform is solving new electrification challenges for validation and test of electric vehicle components including battery, e-transmission, and motor. We’ll discuss methods to utilize smaller drives for high speed motor applications and how real world engine conditions can be emulated in a testing environment.
Integrated Manufacturing with Product Lifecycle Management Solutions
Todd Bengtsson, Siemens

This session will introduce an integrated set of solutions that will enable Automotive Manufacturers and Suppliers to address the shift towards electric vehicles. The presentation will highlight the impact to manufacturing engineering and production. Specific focus will placed on light weighting, native EV platforms, battery manufacturing and the evolution of the factory floor.

Digital Thread and Digital Twin: The Winning Factor in F&B
Suzanne Miranda Kopcha, Siemens

Markets are under the pressure of new trends that have changed the way we live and buy. The F & B industry does not escape to this challenge. Follow this presentation to understand how the digitalization and the adoption of Digital Thread ad Digital Twin can help your Company to the challenges of the market, reaching quickly the market with healthy and personalized products, complying with stringent and detailed regulations and keeping control on costs and quality.

Digitalization: A Competitive Advantage for Machine Builders
Darren Deatz, Siemens

This session focuses on the Digital Enterprise for manufacturing industries and helping manufacturing companies understand the value of a complete, closed-loop digital twin strategy and identify digital threads leading to a blueprint of integrated Siemens PLM software and Factory Automation solutions.

Siemens Trusted Traceability with Blockchain
Hunter Beck, Siemens

As consumers grow more conscientious of product authenticity and safety pressure is growing for Food & Beverage companies to provide transparency. Siemens is leveraging the Internet of Things, Cloud Analytics and Blockchain technology to achieve full visibility throughout the supply chain and solve these challenges and many more.

Get Started Fast with Data Analytics
Prean Reddy & Matt Chapman, Siemens

You’ve connected your data to the cloud but now what? Deriving value from this data can be a daunting task but it doesn’t have to be! Join the MindSphere team as we demonstrate the multiple ways analytics can be applied to make manufacturing operations smarter. Together we’ll create a basic dashboard to highlight just how easy manufacturing analytics can be with an IoT platform.

Driving Digital with the Industrial Internet of Things
Greg Terhune & John Auld, Siemens

The significant value potential of the Internet of Things is well known but many organizations lack a strategy in both getting started and maximizing ROI. By following a customer’s Digitalization journey we will cover IoT success cases in operational efficiency, energy optimization, supplier visibility, and cross industry use cases. MindSphere will present how we are building on 170 years of industrial leadership by paving the road to Industry 4.0.

Drive Incremental Growth with Siemens Financing
PJ McElroy, Siemens

Finding your competitive edge is more important than ever with rapidly advancing technology and changing manufacturing demands. Learn how to leverage financing as a key sales enablement tool which will enhance customer experience and help you close more business. Siemens financial solutions are developed to meet specific industry needs and alleviate financial pressures for manufacturers, OEM’s and Solution Partners. Our loan solutions provide liquidity without impacting credit line. Our industry knowledge ensures fair lease terms for customers.
Leveraging CNC-Controlled Robots in Manufacturing

Comau with Siemens

Manufacturing is changing faster than ever before. The industry seeks cost-effective and increased productivity through multi-function machines, agile manufacturing processes and re-taskable automation. Integrating and synchronizing robotics with other motion controllers like CNCs provides capabilities to meet these requirements. Primary topics the attendee will learn:

- Why consider a CNC-controlled robot
- Deployment configurations
- Static and dynamic accuracy considerations

How Digitalization Affects Our Business

Martin Kinsella, Comau

Is your manufacturing process operating at its full potential? Do you have the digital tools to analyze the implementation of new equipment into your plant? The world we live in demands this kind of information. As an integrator, we use a variety of digital and virtual products when developing solutions for our customers. Interactive virtual simulations of a plant prior to implementation of new equipment is one example of how digitalization affects our business. It allows us to not only understand the current status of efficiency, but also enables us to see how our solution will make an impact, whether it is adding one cell or a whole line. This presentation will outline the digital tools used to accomplish these tasks along with other important trends happening to create the factories of the future.

End-to-End Solutions for Traceability

Datalogic

Manufacturers and others are discovering what is widely known across many industries: Traceability is a steadily more essential production component. The reasons for this vary - from compliance to savings - but the trend is constant. In this interactive session, we will discuss ways to integrate traceability methods within your operations.

Digitalize your Panel Building

Mike Burke, Siemens & Sean Mulherrin, ePLAN

Panel Builders face immense challenges competing in today’s market. A new approach to panel building is needed to overcome cost pressures and operational challenges. Together with experts from Siemens and EPLAN, this seminar will overview the current challenges and trends in panel building and how a digital approach to panel building can reduce your time to market and overall costs. We will discuss solutions to reduce your panel building costs and improve your overall competitiveness.

Industrial Communications from the Factory Floor to the Cloud and Everything in Between

Victor Wolowec, Hilscher

Hilscher will present their latest IIoT Edge gateways line completing their coverage from the factory floor to the Cloud. Come learn how Hilscher can scan and collect your data from any protocol or network and deliver it to any location or Cloud using any of many interfaces and “plug-ins”. Hilscher’s expertise and wide range of solutions makes any IIoT task or project not too small or too big.

Overview of NFPA 79 and NEC Updates: The Impact to Machine Builders

Lapp

As NFPA 79 and NEC code continue to evolve it is necessary to keep up with how these changes affect machine wiring and installation. We will help to explain the recent changes and how our Wire, Cable and Connectivity solutions help you to meet or exceed the requirements and recommendations.
Flange Mount Disconnect Enclosure is the ultimate solution for protection against arc flash hazards using an increased security enclosure interlocking system that goes above and beyond the current UL508A standard. Learn more about this enhanced safety feature from a Rittal solutions expert.

**IoT: Cyber-Physical Production Systems on the Plant Floor**
Herb Villa, Rittal

When we look at the Industrial Internet of Things (IIoT), also called Industry 4.0, with the addition of artificial intelligence (AI), Industry 5.0, we see the convergence of Information Technology (IT) and Operational Technology (OT) in the manufacturing space and is a key characteristic of this evolution. These two disciplines are becoming increasingly united in a high-technology, hyper-connected industrial context. A bridge is emerging between the digital and physical in manufacturing, leading to what has been called “cyber-physical production systems.” On the factory floor, this means that humans, manufacturing machines, and computational machines, code, and devices are interacting in conjunction with one another. Hopes are high for this transformation with improvements in software and operations leading to continually enhanced quality of manufacturing and ongoing integration of human, digital and operational systems. We know we are heading there, but what is required to get there? Join this session and receive a comprehensive overview of solutions available to achieve a safe, stable, and secure environment for your machines and digital data to co-exist.

**UL508A and ArcFlash: Enclosure Safety & Security with One Simple Switch**
Nathan Xavier, Rittal

Arc flash is a major safety concern for any application that incorporates high current electrical equipment, and considerations for prevention during the design phase of any application should be considered from the start. Human error is more prevalent than equipment failure as a common cause of arc flash accidents. Phase-to-phase and phase-to-ground contact can occur due to distractions when an operator is working on high-energized equipment. Control panels, disconnects, bus switches, motor controls and starters, and switchgear are common locations that accidents can materialize. Rittal’s
State-of-the-Art Cable Solutions for Industrial Automation Applications

Fabio Michelutti, TE.CO.

Comprehensive overview of TE.CO. capabilities in terms of special cables for industrial automation applications, with strong focus on UL approved solutions. Learn the main features and benefits of TE.CO. latest developments, such as cables for servo motion, bus cables, UL cables single core and multicore, TC-ER cables, specifically designed and continuously improved thus to meet a broad range of approvals and ratings. No matter which is the industrial application, we have the solution, promptly delivered.

IP67 Functional Safety Continues to Evolve

Turck

As networked safety continues to migrate out of the control panel, TURCK has been leading the way in developing products that solve the common applications and difficulties most system designers face. By combining Safety and Standard IO into the same block, many applications the previously used a safety PLC, no long have that requirement. With built in IOLink Masters and fully separated V1/V2 power, these devices have endless applications on the plant floor. Join us in this session as we discuss networked safety, applications, and implementation.

IOLink Application Review with TURCK

Turck

IOLink continues to gain traction in the industry under the banners of cost reduction, system simplification, and added functionality. And the best part? It actually does all of that while maintaining cross-compatibility across brands. IOLink provides an excellent alternative to traditionally wired IO systems at a much lower cost per channel. Combine all of that with a full IP67 system architecture and you’ll quickly learn why it’s becoming such a hot topic. Join us as we walk through some common applications step by step, from quoting to implementation so you can see just how easy it is.

Large Scale RFID Systems with TURCK Vilant

Turck

The demands for quality and traceability in our manufacturing facilities is a never ending quest. RFID is a key component in solving many of the requirements facing Design Engineers and Management. Whether you are looking at a single station on a machine or dealing with logistics of an entire facility, RFID is a reliable, cost effective solution for many applications. TURCK is now in a unique position to help with those applications with the acquisition of Vilant Systems. Whether it’s logistics, traceability, scheduling, or just-in-time manufacturing there is no project too big. With multiple global success stories with some of the world’s largest companies, come hear how we can make your next project a success.
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