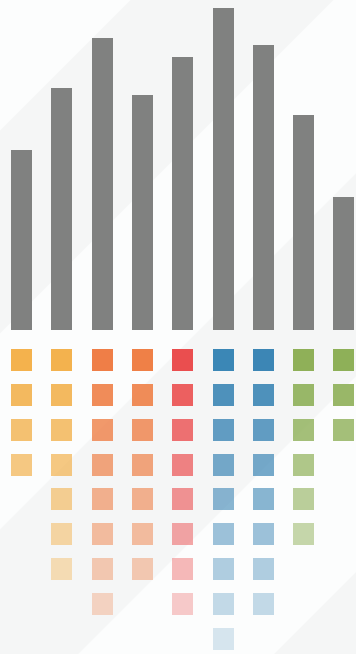


SEP 23 – 27, 2019 | NASHVILLE, TN



# TUNE IN

FOR USERS, BY USERS

*Your Invitation to Register*



# CONFERENCE TOPICS & CURRICULUM

Emerson Global Users Exchange offers a unique opportunity for automation professionals to engage with their peers, broaden their knowledge base and gain valuable insight from industry leaders on the latest tips and tricks, implementation successes and proven project solutions being used throughout process automation.

More than 350 sessions are planned this year, covering a wide range of industry- and technology-specific topics. Whether you're looking to improve energy efficiency, meet new regulatory requirements, increase yields, boost reliability or simply improve your facility's bottom line, there's an array of pertinent sessions from which to choose.

As a registered attendee, you'll be able to tailor and schedule your curriculum to your specific interests and needs with the myExchange scheduler.\*



## ***Presentations Topics***

- Actuation
- AMS
- Compliance
- Control Valves
- Cybersecurity
- DeltaV
- Digital Transformation
- Instrumentation
- Migration
- Optimization
- Process Control
- Reliability
- Safety Systems
- Machine Control
- Wireless
- And more!

## ***Industries Represented***

- Chemicals
- Pharmaceutical / Life Sciences
- Oil & Gas
- Power
- Refining
- Pulp & Paper
- Food & Beverage
- Water & Wastewater Treatment
- Consumer Products
- Metals & Mining
- And more

## ***Who Should Attend?***

- Control Systems Manager, Engineer, Specialist
- Instrumentation Supervisor, Engineer, Technician
- Maintenance Manager
- Plant Management, VP Manufacturing
- Production Operator, Supervisor
- Project Director, Manager
- Reliability Manager or Engineer
- VP or Director of Engineering or Operations
- EPCs and OEMs
- IT / Information Technologist
- Digital Transformation Specialists

For a list of presentation topics and conference information, visit: [EmersonExchange.org/Americas](https://EmersonExchange.org/Americas)

\* Mobile app and the myExchange Scheduler will be available after August 1. Registered attendees will receive email notification when available.

# WHAT IS THE EMERSON GLOBAL USERS EXCHANGE?

**Emerson Global Users Exchange** is more than just a technical conference. It's a platform where professionals from all areas of process automation can come to share ideas, collaborate on solutions and learn from subject matter experts about how to extract the most from an automation investment.

## ***For Users, By Users***

Emerson Exchange is a community **run by users, for the benefit of users**, and is designed to accelerate the learning of both novice and experienced professionals from every area of your organization – including those outside of the control systems and instrumentation disciplines.

Content covered at Exchange spans a broad range of topics and is intended to help users more effectively harness the capabilities of digital automation to improve the performance of their facilities. Emerson experts are part of the user community and participate by answering questions, providing guidance and bringing valuable user feedback to the Emerson organization.

## ***Who Runs The Exchange?***

Emerson Exchange is run by a 21-person Board of Directors comprised of **users, Emerson employees and Emerson Impact Partners** in our sales organization. The Board's charter includes managing the Emerson Global Users Exchange community, and developing and producing a world-class annual global conference.

## **2019 Keynote Speaker: Peter Hinssen**

*Peter Hinssen is one of the most sought-after thought leaders on radical innovation, leadership and the impact of all things digital on society and business.*

Peter is the author of four bestselling business books. He launched his fourth book "The Day After Tomorrow" in June 2017, about surviving in times of radical innovation. Peter has given numerous keynote speeches around the world, for Google Think Performance, Nimbus Ninety, Gartner, NEXT Berlin, Tedx, PayPal, MasterCard, Microsoft, CIO City, SAS, Accenture and Apple.



He lectures at renowned business schools like the London Business School, the MIT Sloan School of Management and the Paul Merage School of Business at UC Irvine. He is also a multiple board advisor on subjects related to innovation and technology. For more than fifteen years, Peter led a life of technology start-ups. Between start-ups, he has been an Entrepreneur in Residence with McKinsey & Company, with a focus on digital and technology strategy. Peter's current company nexxworks helps organizations become fluid, innovate and thrive in The Day After Tomorrow.

## CHAIRWOMAN'S MESSAGE

### ***Greetings from the 2019 Emerson Exchange Board of Directors!***

Our 2019 theme, Tune In, provides a wealth of avenues for reflection: Tune In to Innovation, Tune In to Collaboration, Tune In to Technology... all at Emerson Exchange!

For me, these four years on the Board and my personal interactions at Emerson Exchange have prompted me to strategically Tune In to my career development and deliberately take action. My previous focus had always leaned toward the technical in the business unit I supported. The diverse relationships I established in my "Exchange experience" go well beyond my industry and my expertise. The experiences I have had inspired me to expand my breadth of influence and led me to a career move which allows me to have a broader and more strategic impact on my company's global business. So in addition to being inspired by the technical solutions you'll see, I would also encourage you to take advantage of interactions at Exchange to implement personal development actions which can have a targeted impact on your own performance and career journey.



The Board and the Conference Management Team are working hard to ensure that this year's Emerson Exchange gives you every opportunity to Tune In. We look forward to seeing you in Nashville!

Sincerely,



**Midhu Varghese**, AbbVie Inc.

# CONFERENCE SESSIONS & FEATURES

*With an immersive curriculum made up of Presentations, Educational Services Courses, Industry Forums, Meet the Experts, Technology Exhibits and Technology Roundtables, Emerson Exchange offers users a chance to share ideas and experiences, troubleshoot problems and learn how to leverage automation investments far beyond the simple cost of their implementation.*

## Emerson Educational Services

Enhance your professional capabilities with complimentary training and education courses which focus on prevalent industry technologies and skill sets. Emerson Educational Services will offer 23 courses as part of the conference curriculum, a \$475 to \$700 value each, if taken independently. Courses will either award Continuing Education Units (CEUs) or will be eligible for Professional Development Hours (PDHs).

**NOTE:** Availability is limited and there is a two course **maximum** per attendee. Reserve a seat using the **myExchange** scheduling tool. Available online after August 1 at: [EmersonExchange.org/Americas](https://EmersonExchange.org/Americas)

Session Id	Title
EDU-1994	Advantages of Using a Multi-Disciplined Controller (PLC)
EDU-1995	Alarm Management Meets Advanced HMI
EDU-1996	Basic Sizing and Selection for Control, Isolation, Relief and SIS Valves
EDU-1997	Size and Select Control Valves for Challenging Processes
EDU-1998	Coriolis Installation Best Practices & Smart Meter Verification
EDU-1999	Custody Transfer Proving Methods, Best Practices and Troubleshooting
EDU-2000	DeltaV Cybersecurity
EDU-2001	DeltaV Live
EDU-2002	DeltaV Virtualization
EDU-2003	Digital Twin Simulation with Mimic
EDU-2004	DP Flow Measurement Fundamentals – Basics and Utilizing New Technologies
EDU-2005	Energy Management Strategies for Process Plants
EDU-2006	Level Application Best Practices
EDU-2007	PK Controller
EDU-2008	Plantweb Optics & Insight
EDU-2009	Practical Loop Tuning Using Lambda Tuning Method
EDU-2010	Practical Proof Testing & Verification in Overfill Prevention Applications
EDU-2011	Pressure Measurement Best Practices
EDU-2012	Meter Verification Methodologies, and Process & Performance Analytics for Emerson Flow Technologies
EDU-2013	Smart Commissioning
EDU-2014	Temperature Measurement Best Practices
EDU-2015	Troubleshooting WirelessHART Networks
EDU-2016	FIELDVUE™ Digital Valve Controller Basics and Troubleshooting using TRES and ValveLink

Agenda and conference content are based on abstracts of presentations approved and scheduled at press time. Curriculum offerings are subject to change and/or cancellation prior to or during the conference.

## Industry Forums

What are the latest trends driving the market? How will new regulations impact the operation of my facility? What technologies can I implement to enhance process visibility? You'll find the answers to these kinds of questions and many more by attending 90-minute sessions of your choosing.

Industries represented will include:

- Chemicals
- Engineering
- Life Sciences/ Pharmaceuticals
- Oil & Gas
- Metals & Mining
- Power
- Pulp & Paper
- Refining & Petrochemicals

## Technology Roundtables

Keep up with the latest advancements in process automation. Learn how industry leaders are applying state-of-the-art technologies to optimize facility operation. Discuss emerging trends, current use cases and practical issues with industry experts and peers.

Session Id	Title
TR-2017	Cybersecurity
TR-2018	Digital Transformation
TR-2019	Industrial RFID
TR-2020	Wireless
TR-2021	IIoT Edge Protocols and Gateways
TR-2022	Simulation and Applications of the Digital Twin
TR-2023	IT/OT Collaboration

## Meet The Experts

After you've had time to take in all of the new technology offerings in the week's content sessions, round out your experience with practical working sessions focused on common issues your operations face and the solutions you can take back with you and apply. Meet, learn from and get to know the "Experts Behind the Technologies".

Session Id	Title
MTE-2024	DeltaV DCS Tips and Tricks
MTE-2025	DeltaV Live Tips and Tricks
MTE-2026	DeltaV Configuration Standards & PCSD
MTE-2027	Alarm Management and Rationalization
MTE-2028	Rosemount Instrumentation Best Practices & Common Mistakes
MTE-2029	Selecting the Right Flowmeter
MTE-2030	Cloud & Edge Control Solutions for Manufacturing (and Process) Using OPC UA
MTE-2031	Utilizing Simulation and Digital Twin Technologies
MTE-2032	Control Valve Diagnostics - Availability, Reliability and Safety
MTE-2033	Control Performance
MTE-2034	Cybersecurity
MTE-2035	Safety Instrumented System (SIS) Implementation from Sensors to Final Elements
MTE-2036	PLC Tips and Tricks
MTE-2038	Pressure Relief Valves as the Last Line of Defense
MTE-2039	Best Practices in Pneumatic and Valve Automation Design

# CONFERENCE SCHEDULE\*

	MONDAY September 23	TUESDAY September 24	WEDNESDAY September 25	THURSDAY September 26	FRIDAY September 27
7 AM	Breakfast / Registration	Breakfast / Reg.   Fitness Bootcamp / Yoga	Breakfast / Registration	Breakfast / Reg.   Fitness Bootcamp / Yoga	Breakfast / Registration
8 AM	General Session	Presentations   Emerson Educational Services	Presentations   Emerson Educational Services	Presentations   Emerson Educational Services	Meet the Experts
9 AM	Keynote Speakers				
10 AM	Product Roadmaps	Product Roadmaps	Product Roadmaps		
11 AM	Product Roadmaps	Product Roadmaps	Product Roadmaps		
12 PM	Lunch	Lunch	Lunch + Guest Speaker	Lunch + Awards Ceremony	
1 PM	Product Roadmaps	Technology Roundtables   Emerson Educational Services	Technology Roundtables   Emerson Educational Services	Presentations   Emerson Educational Services	
2 PM	Industry Forums	Presentations   Emerson Educational Services	Presentations   Emerson Educational Services	Meet the Experts   Emerson Educational Services	
3 PM					
4 PM					
5 PM	Technology Exhibits (3 hrs)	Technology Exhibits (3 hrs)	Technology Exhibits (3 hrs)		
6 PM					
7 PM				Networking Event	
8 PM					
9 PM		Music Jam			
10 PM					
11 PM					

\*Agenda subject to change

## Technology Exhibits

Talk with Emerson's subject matter experts and learn about solutions which can help digitally transform your facility. Complementary vendors will also be available to discuss their solutions.

Brands like **DeltaV, Rosemount, Micro Motion, Fisher, Bettis, Branson, Ovation, ASCO, Appleton, KTM, Keystone, Vanessa**, plus strategic third parties will make up a comprehensive collection of the latest and greatest automation technology solutions—all in one place in a highly interactive format.



## Networking

In addition to learning from process automation leaders, Emerson Exchange serves as an ideal platform for users to network and make valuable business connections. Throughout the conference, you'll have the opportunity to meet face-to-face with experts, speak directly with the people behind the technologies and interact with peers from every corner of the industry.

If you enjoy live music, join us **Tuesday night** as we celebrate the musical talents of the Exchange community during our **annual Music Jam**.

To keep you moving, we will have a **fitness bootcamp** as well as **yoga** on **Tuesday** and **Thursday mornings**.

Lastly, on **Thursday evening**, experience a little Music City flavor at the **Wildhorse Saloon** in downtown Nashville for this year's **Networking Event**. Try your hand at line dancing (lessons provided!) or just relax and mingle with other attendees as you enjoy entertainment and great food at this historic warehouse-turned-dancehall.

## 2019 REGISTRATION

### Full Conference

**Special** Early Bird Registration\* May 31 - August 15 \_\_\_\_\_ **\$995\***  
**Discounted** Advanced Registration August 16 - September 9 \_\_\_\_\_ **\$1,195**  
**Regular** Registration September 10 - September 27 \_\_\_\_\_ **\$1,395**

### Partial Conference

**One-Day** Registration \_\_\_\_\_ **\$450**  
**Two-Day** Registration \_\_\_\_\_ **\$800**  
**Three-Day** Registration \_\_\_\_\_ **\$1,200**  
**Guest** Registration  
 Spouse/family of registered attendee (includes meals, exhibits and social events) **\$150**

Learn more about registration at: [EmersonExchange.org/Americas/Registration](http://EmersonExchange.org/Americas/Registration)

Registration includes admission to all conference sessions and exhibitions, certified training, meals, exhibition reception and networking events.

\*For the special Early Bird Registration rate, conference attendees agree to stay at the conference host hotel, **Gaylord Opryland**. Local Nashville residents are exempt from this agreement.

# HOTEL INFORMATION



Room blocks have been secured at the Gaylord Opryland. Conference attendees staying at this Emerson Exchange host hotel may take advantage of the special Early Bird reduced conference registration fee.



All Emerson Exchange events except the Thursday evening Networking Event – including registration, Cyber Café, group meals, all sessions and technology exhibits – will take place at the **Gaylord Opryland**.



Self parking and valet is available for a fee.

More hotel information can be found at: [EmersonExchange.org/Americas/Hotels](http://EmersonExchange.org/Americas/Hotels)

*Rooms at the above hotel may be reserved by conference attendees on a first available basis until Friday, August 23, 2019. You must register for the conference first before booking a hotel room in the conference block.*

## 2019 EMERSON EXCHANGE BOARD OF DIRECTORS

**Midhu Varghese**  
*Chairwoman* - AbbVie, Inc.

**Mike Allen**  
*Vice Chairman* - LyondellBasell

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**Joel Holmes**  
*Advisory Board* - Bayer

**Guido Mangieri**  
*Advisory Board* - Emerson



*I quite enjoyed my time here and found that the sessions I attended were helpful and a good learning experience; I was able to gain insight into what might help me in my job.*

**Jim Henderson** - Suncor Energy

To learn more: [EmersonExchange.org/Americas](http://EmersonExchange.org/Americas)

