



# Wireless & Networking Exchange

Time	Tuesday, 2 October	Wednesday, 3 October	Thursday, 4 October	Time			
8:00 a.m.–8:30 a.m.		Conference Networking Break <b>Room 300</b>	Conference Networking Break <b>Room 300</b>	8:00 a.m.–8:30 a.m.			
8:30 a.m.–9:00 a.m.	<b>Control Systems User Forums</b> Share experiences and lessons learned with other users of industrial automation solutions in an uncensored, unscripted setting.	 <b>Rimbach Lecture/Keynote Presentation (Room 301)</b> <b>Repairing the Educational System to Meet Industry's Innovation Demands</b> Dr. James Truchard, President and CEO, National Instruments	<b>Standards Committee Meeting:</b> ISA100, Wireless Systems for Automation	8:30 a.m.–9:00 a.m.			
9:00 a.m.–9:30 a.m.				<b>Keynote Presentation (Room 301):</b> <b>NASA's Project Constellation—Essential Building Block for Exploration</b> Donald W. Monell, NASA	9:00 a.m.–9:30 a.m.		
9:30 a.m.–10:00 a.m.					9:30 a.m.–10:00 a.m.		
10:00 a.m.–10:30 a.m.	<b>ISA100 Wireless Networks Room 206</b>	Realized Benefits, FOUNDATION™ Fieldbus I <b>Room 206</b>	Reliable Wireless: Mitigating the Co-existence Challenge <b>Room 205</b>	<b>Supplier Briefing:</b> Capitalizing on 802.11 for Sensor Networks  <b>Briefing:</b> FDT-IEC 62453-1 and ISA103—Standardizing Communication Interface Between Field Devices and Systems	<b>Wireless Applications Room 206</b>	<b>Supplier Briefing:</b> Cellular WLAN and Hardwired Technologies for Remote Monitoring  <b>Briefing:</b> EDDL-IEC 61804 and ISA104—Standards Advancing Interoperability of Control Systems Devices	10:00 a.m.–10:30 a.m.
10:30 a.m.–11:00 a.m.							10:30 a.m.–11:00 a.m.
11:00 a.m.–11:30 a.m.	<b>Conference Networking Break Room 300</b>	<b>Conference Lunch/ Open Time Exhibit Hall</b>	<b>Briefing:</b> A Tutorial on Mystery Technology: Neural Networks  <b>Briefing:</b> Assessing Automation Systems Wireless Systems Compliance with Industry Standards  <b>Supplier Briefing:</b> Wireless Circuit Monitoring to Reduce Downtime and Improve Safety  <b>Briefing:</b> ISA100.11a, Release 1—An Update on the First Wireless Standard Emerging from the Industry  <b>Briefing:</b> Best Method for Wireless Site Planning	<b>Conference Lunch/ Open Time Exhibit Hall</b>	<b>Supplier Briefing:</b> Lessons Learned Deploying Licensed Wireless Spectrum for Mission Critical Applications  <b>Briefing:</b> Safety Buses—The Theory and the Reality  <b>Supplier Briefing:</b> SensorLogic Intelligent Virtual Operation System (VOS) Framework and Hybrid Network  <b>Briefing:</b> FDI—The Future of Open Device Integration  <b>Supplier Briefing:</b> Selecting the Right Wireless Technology for Industrial Communications	11:00 a.m.–11:30 a.m.	
11:30 a.m.–Noon						11:30 a.m.–Noon	
Noon–12:30 p.m.						 <b>Keynote Presentation (Room 301):</b> <b>Assuring Safety and Security Performance—Establishing the Right Culture</b> J.S. (Steve) Arendt, Vice-President ABSG Consulting Inc.—Organizational Performance Assurance Center	<b>Standards Committee Meeting:</b> ISA100, Field Device Tools (FDT)
12:30 p.m.–1:00 p.m.	<b>Conference Lunch/ Open Time Exhibit Hall</b>	<b>Supplier Briefing:</b> High Performance Industrial Ethernet Topologies	<b>Standards Committee Meeting:</b> ISA100 Future Development—Call for Interest	<b>Realized Benefits, Profibus/ PROFINET Room 206</b>	<b>WINA: Process Industry Applications for Wireless Sensors Room 205</b>	<b>Briefing:</b> Industrial Ethernet in a Nutshell  <b>Supplier Briefing:</b> When Should I Use Managed Ethernet Devices  <b>Briefing:</b> FOUNDATION™ Fieldbus—Practical Success Stories	1:00 p.m.–1:30 p.m.
1:30 p.m.–2:00 p.m.							1:30 p.m.–2:00 p.m.
2:00 p.m.–2:30 p.m.	<b>Wireless HART Room 206</b>	<b>Briefing:</b> Automation Network Selection  <b>Supplier Briefing:</b> Wireless Mesh for Industrial & Security Applications  <b>Briefing:</b> Top Considerations in Selecting a Wireless Solution	<b>Standards Committee Meeting:</b> ISA100 Tutorial on Principles of Operation	<b>Realized Benefits, FOUNDATION™ Fieldbus II Room 206</b>	<b>WINA: Wireless Applications, Sensors and Networks in Operational Environments Part II, Room 205</b>	<b>Briefing:</b> What Process Control Professionals Think About Wireless  <b>Briefing:</b> Experiences in Implementing Wireless Applications—End User Perspectives  <b>Supplier Briefing:</b> Tether-Free Multi Sensor Wireless Devices	2:00 p.m.–2:30 p.m.
2:30 p.m.–3:00 p.m.							2:30 p.m.–3:00 p.m.
3:00 p.m.–3:30 p.m.	<b>Conference Networking Break, Room 300</b>	<b>Supplier Briefing:</b> Low Cost Wireless Add-on Devices for Monitoring Industrial Valves  <b>Briefing:</b> Wireless Systems for Automation—The ISA100 Industrial Wireless Standard	<b>Exhibition</b> 10:00 a.m.–3:30 p.m.	<b>Standards Committee Meeting:</b> ISA50 Signal Compatibility of Electrical Instruments	<b>Exhibition</b> 10:00 a.m.–5:30 p.m.	<b>Standards Committee Meeting:</b> ISA100, Wireless Systems for Automation	3:00 p.m.–3:30 p.m.
3:30 p.m.–4:00 p.m.							3:30 p.m.–4:00 p.m.
4:00 p.m.–4:30 p.m.	<b>ISA104 EDDL Room 206</b>	<b>Supplier Briefing:</b> Wave Relay Mobile Ad Hoc Networking Beyond Mesh  <b>Briefing:</b> Wireless HART	<b>Exhibition</b> 10:00 a.m.–5:30 p.m.	<b>Standards Committee Meeting:</b> ISA100, Wireless Systems for Automation	<b>Exhibition</b> 10:00 a.m.–5:30 p.m.	<b>Standards Committee Meeting:</b> ISA100, Wireless Systems for Automation	4:00 p.m.–4:30 p.m.
4:30 p.m.–5:00 p.m.							4:30 p.m.–5:00 p.m.
5:00 p.m.–5:30 p.m.	<b>Exhibition</b> 1:00 p.m.–8:00 p.m.	<b>Briefing:</b> Industrial Data Communications	<b>Exhibition</b> 10:00 a.m.–5:30 p.m.	<b>Standards Committee Meeting:</b> ISA100, Wireless Systems for Automation	<b>Exhibition</b> 10:00 a.m.–5:30 p.m.	<b>Standards Committee Meeting:</b> ISA100, Wireless Systems for Automation	5:00 p.m.–5:30 p.m.
5:30 p.m.–6:00 p.m.							5:30 p.m.–6:00 p.m.
6:00 p.m.–6:30 p.m.	<b>Networking Reception</b> 5:30–8:00 p.m.	<b>Exhibition</b> 1:00 p.m.–8:00 p.m.	<b>Exhibition</b> 10:00 a.m.–5:30 p.m.	<b>Standards Committee Meeting:</b> ISA100, Wireless Systems for Automation	<b>Exhibition</b> 10:00 a.m.–5:30 p.m.	<b>Standards Committee Meeting:</b> ISA100, Wireless Systems for Automation	6:00 p.m.–6:30 p.m.
6:30 p.m.–7:00 p.m.							6:30 p.m.–7:00 p.m.
7:00 p.m.–7:30 p.m.	<b>Networking Reception</b> 5:30–8:00 p.m.	<b>Exhibition</b> 1:00 p.m.–8:00 p.m.	<b>Exhibition</b> 10:00 a.m.–5:30 p.m.	<b>Standards Committee Meeting:</b> ISA100, Wireless Systems for Automation	<b>Exhibition</b> 10:00 a.m.–5:30 p.m.	<b>Standards Committee Meeting:</b> ISA100, Wireless Systems for Automation	7:00 p.m.–7:30 p.m.
7:30 p.m.–8:00 p.m.							7:30 p.m.–8:00 p.m.

The Wireless & Networking Exchange is supported by many practical solutions at the exhibition, including the **Industrial Communications Pavilion** and this year's new addition, the **Bus Station**. The Bus Station features the latest information on industrial bus and field communications. The Industrial Communications Pavilion is the central hub for data communications and networking, so be sure to visit this area for the latest products and services showcasing ethernet, wireless, RFID, networking, radio, and so much more.



Friday, 8:00 a.m.–1:30 p.m.  
**Standards Committee Meeting:** ISA100, Wireless Systems for Automation