



# Wireless & Networking Exchange

	8:30 a.m. - 9:00 a.m.	9:00 a.m. - 9:30 a.m.	9:30 a.m. - 10:00 a.m.	10:00 a.m. - 10:30 a.m.	10:30 a.m. - 11:00 a.m.	11:00 a.m. - 11:30 a.m.	11:30 a.m. - 12:00 p.m.	12:00 p.m. - 12:30 p.m.	12:30 p.m. - 1:00 p.m.	
<b>Tuesday, 14 October</b>										
<b>Wireless &amp; Networking Exchange Technical Conference Sessions</b> Open to Full Conference Technical Conference and Wireless & Networking Exchange Technical Conference Registrants Only.	Conference Networking	S604: Wireless Applications in the Process Industries - Rm 206					Conference Lunch / Open Time			
	Coffee Break									
<b>Events Open to All Attendees</b> Available at no extra charge for all registrants						<b>Keynote Presentation - Rm. 301</b>  <b>Dr. Kris Pister</b> UC Berkeley  From Smart Dust to Smart Plants - the Revolution of Wireless Sensor Networking	<b>TURCK, Inc.</b> Advanced Diagnostics for the Foundation Fieldbus Physical Layer Via Open Protocol			
<b>Wednesday, 15 October</b>										
<b>Wireless &amp; Networking Exchange Technical Conference Sessions</b> Open to Full Conference Technical Conference and Wireless & Networking Exchange Technical Conference Registrants Only.	Conference Networking	S607: Wireless Standards Landscape - Rm 206					Conference Lunch / Open Time			
	Coffee Break									
<b>Events Open to All Attendees</b> Available at no extra charge for all registrants	<b>Keynote Presentation - Rm. 301</b> Rimbach Lecture   <b>Dr. David Nagel</b> George Washington University  Instrumentation for Low Energy Nuclear Reactions	<b>Technology briefings - held in the</b> Solving the Issue of Interoperability Among Wireless Devices and Systems Wireless Networks for Industrial Automation - An Overview Wireless Systems for Automation - The ISA100 Industrial Wireless Standard Wireless in My Plant: User Requirements for Wireless Security - A Panel Discussion Sponsored: 					<b>Exhibition 10:00 a.m. - 5:30 p.m.</b> Control Systems User Forums			
<b>Thursday, 16 October</b>										
<b>Wireless &amp; Networking Exchange Technical Conference Sessions</b> Open to Full Conference Technical Conference and Wireless & Networking Exchange Technical Conference Registrants Only.	Conference Networking	S610: EPC Views on Wireless - Rm 206					Conference Lunch / Open Time			
	Coffee Break	S612: Radio Theory Demystified - Rm 205								
<b>Events Open to All Attendees</b> Available at no extra charge for all registrants	<b>Keynote Presentation - Rm. 301</b>  <b>Dr. John Lienhard</b> University of Houston  Feedback Control: How We Learned to Think Negatively in 300 BC	<b>Technology briefings - held in the Wireless &amp; Networking X-Pod, located in Booth #1004. Supplier briefings in red.</b> SkyWave Mobile Comm, Inc. Remote Automation for Oil & Gas Using Integrated Satellite and Modbus Technology Accutech Instruments Plain Talk About Effective use of Industrial Wireless Solutions Perpetuum Ltd. Batteries Not Included. The Energy Harvesting Solution On-Ramp Wireless, Inc. Ultra-Link Processing - A Break-Through Wireless Technology for Sensing and Location Tracking GE Sensing Increasing Your Refinery's Reliability with Wireless Condition Monitoring					<b>Exhibition 10:00 a.m. - 3:30 p.m.</b>			

## Standards Committee Meetings

ISA Standards help automation professionals improve industry safety, efficiency, and profitability. Get involved in the standards development process by attending any of the committee meetings held during ISA EXPO 2008.

	1:00 p.m. - 1:30 p.m.	1:30 p.m. - 2:00 p.m.	2:00 p.m. - 2:30 p.m.	2:30 p.m. - 3:00 p.m.	3:00 p.m. - 3:30 p.m.	3:30 p.m. - 4:00 p.m.	4:00 p.m. - 4:30 p.m.	4:30 p.m. - 5:00 p.m.	5:00 p.m. - 5:30 p.m.	5:30 p.m. - 6:00 p.m.	6:00 p.m. - 6:30 p.m.	6:30 p.m. - 7:00 p.m.
<b>Standards Committee Meetings</b>												
	S600: Industrial Ethernet - A Control Engineer's Guide - Rm 206			Conference Networking Break	S606: Wireless Applications on the Factory Floor - Rm 206							
	S605: Secure Wireless Options for SCADA Systems - Rm 205				S601: Comparison of Fieldbus Technologies - Rm 205							
<b>Technology briefings - held in the Wireless &amp; Networking X-Pod, located in Booth #1004. Supplier briefings in red.</b>												
<b>AirSprite Technologies</b> Using Wireless Retrofit for Plant Modernization Efforts	Industrial Ethernet on the Plant Floor: A Planning and Installation Guide	People and Asset Tracking and Identification - Industrial Challenges and Solutions	Automation Network Selection - Making Sense of Today's Choices	ISA100.11a Release 1 - A Look Under the Hood of the First of the ISA100 Family of Universal Wireless Standards	Software for Automation: Architecture, Integration, and Security	<b>Coming Cable Systems</b> New Fiber-Optic Technologies Maximize Network Uptime While Reducing Installation Time and Cost	<b>Anixter</b> Overview of the TIA Telecommunications Infrastructure Standard for Industrial Premises	Simulating and Validating ISA100.11 for Real World Applications	Networking Reception 5:30 p.m. - 7:00 p.m.		<b>Certification Quiz &amp; Conquer 6:00 p.m. - 7:00 p.m.</b> - Safety Exchange X-POD Booth #1142	
<b>Exhibition - 12:00 p.m. - 7:00 p.m.</b>												
International Student Games - 1:00 p.m. - 5:00 p.m., Booth #1155 Awards to follow in the Process Automation X-Pod, Booth #1254												
	S608: ISA100 Introduction and Overview - Rm 205			Conference Networking Break	S603: Industrial Ethernet - Rm 205							
	S602: End User Fieldbus Experiences and Lessons Learned - Rm 206				S609: Wireless HART Introduction and Overview - Rm 206							
<b>Wireless &amp; Networking X-Pod, located in Booth #1004. Supplier briefings in red.</b>												
	Assessing Wireless Automation Systems Compliance with Industry Standards - An ISA100 Wireless Compliance Institute Update	A Movement Toward Wireless Standards Solutions in Factory Discrete and Hybrid Applications	Designing and Implementing Your Foundation Fieldbus Solution	<b>Dust Networks</b> The Intelligence Inside: An Overview of Dust Networks' Smart Mesh IA-510 Wireless HART-compliant Systems	<b>Advantech</b> Leveraging Legacy Serial Devices With Ethernet and Device Servers	<b>N-TRON Corp.</b> Highly Reliable Industrial Ethernet: Automatic Configuration of Ethernet Infrastructure Components	Inexpensive Industrial Strength Wireless Sensor Devices and Networks					
<b>Exhibition 10:00 a.m. - 3:30 p.m.</b>												
<b>HART Communication Foundation</b> Why Wireless-HART? The Right Standard at the Right Time	S611: Wireless at PPG Lake Charles Facility - Rm 206											
Aerospace Instrumentation (from Aerospace Bonus Track) - Rm 208												
<div style="border: 1px solid red; padding: 5px;">                     Don't miss the Bus Station Theater presentations. Schedule information begins on page 48. Also be sure to visit the Advancing Technology demos for ISA100 (booth #1106), ISA103 (booth #1222), and ISA104 (booth #1122).                 </div>												