

# Build on Your Knowledge...

## 2010 Emerson Global Users Exchange Pocket Guide

September 27 – October 1, 2010 • San Antonio, Texas



# Thanks to Our Sponsors



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Daniel  
Fisher

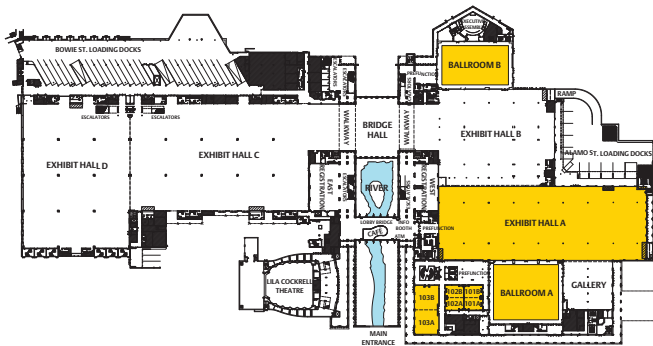
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Process Systems & Solutions  
Rosemount  
Smart Wireless

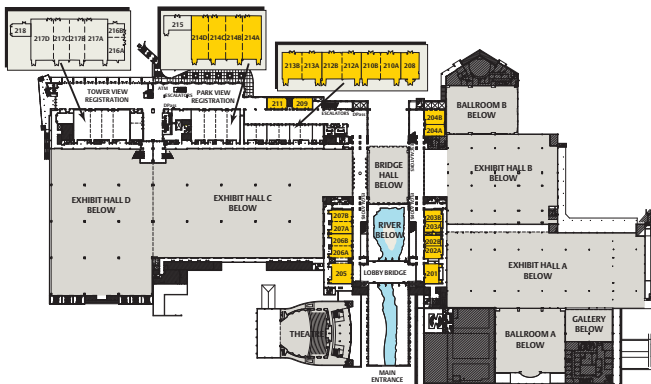


# Henry B. Gonzalez Convention Center Maps

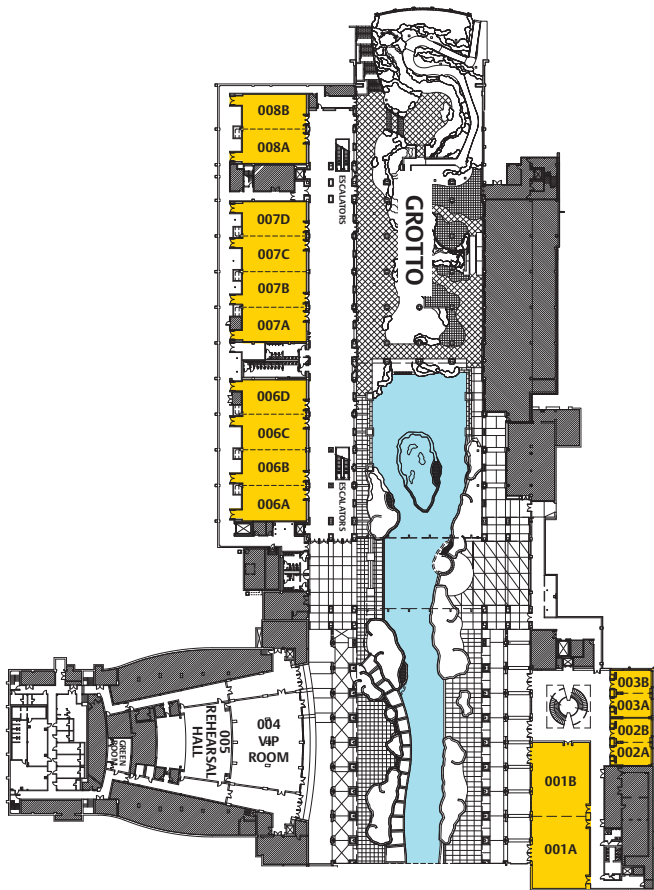
## Street Level



## Concourse Level



## River Level



# Daily Agenda

## Sunday, September 26th

5:00 pm - 9:00 pm **Registration Desk Open**

## Monday, September 27th

7:00 am - 7:00 pm **Registration Desk Open**

7:00 am - 8:00 am **Breakfast**

8:00 am - 8:25 am **Welcome and Introductions**

Aaron Wood

Chairman, Emerson Global Users Exchange

8:25 am - 9:15 am **Emerson Address**

Steve Sonnenberg

Executive Vice President, Emerson and  
President, Emerson Process Management

9:15 am - 9:30 am **Break**

9:30 am - 10:45 am **Keynote Speaker**

Mark Sanborn

President, Sanborn & Associates

10:45 am - 11:00 am **Break**

11:00 am - 12:00 pm **Product Roadmaps**

12:00 pm - 1:00 pm **Lunch**

1:00 pm - 2:00 pm **Product Roadmaps**

1:00 pm - 5:00 pm **ISA Bookstore**

2:00 pm - 3:00 pm **Industry Forums**

3:00 pm - 4:00 pm **Technology Forums**

4:00 pm - 8:00 pm **Technology Exhibits**

**NOTE:** For your convenience, the magnifying ruler provided in your conference registration bag can be used to enhance the readability of this conference guide.

# Daily Agenda

## Tuesday, September 28th

- 7:00 am - 8:00 am **Breakfast**
- 8:00 am - 5:00 pm **ISA Bookstore**
- 8:00 am - 12:00 pm **Workshops and Short Courses**
- 11:00 am - 12:00 pm **Product Roadmaps**
- 12:00 pm - 1:00 pm **Lunch**
- 1:00 pm - 2:00 pm **Product Roadmaps**
- 1:00 pm - 4:00 pm **Workshops and Short Courses**
- 4:00 pm - 8:00 pm **Technology Exhibits**

## Wednesday, September 29th

- 7:00 am - 8:00 am **Breakfast**
- 8:00 am - 5:00 pm **ISA Bookstore**
- 8:00 am - 11:00 am **Workshops**
- 8:00 am - 12:00 pm **Short Courses**
- 11:00 am - 12:00 pm **Product Roadmaps and Technology Forums**
- 12:00 pm - 12:30 pm **Lunch**
- 12:30 pm - 1:10 pm **Guest Speaker**
- 1:15 pm - 2:15 pm **Product Roadmaps and Technology Forums**
- 1:15 pm - 4:15 pm **Short Courses**
- 2:15 pm - 4:15 pm **Workshops**
- 4:00 pm - 8:00 pm **Technology Exhibits**

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# Daily Agenda

## Thursday, September 30th

- 7:00 am - 8:00 am **Breakfast**
- 8:00 am - 12:00 pm **Workshops and Short Courses**
- 8:00 am - 5:00 pm **ISA Bookstore**
- 12:00 pm - 12:30 pm **Lunch**
- 12:30 pm - 1:10 am **Awards**
- 1:15 pm - 5:15 pm **Workshops and Short Courses**
- 6:00 pm - 9:00 pm **Social/Networking Activity**  
La Villita on Riverwalk

## Friday, October 1st

- 7:00 am - 8:00 am **Breakfast**
- 8:00 am - 12:00 pm **Workshops and Short Courses**
- 10:00 am - 12:00 pm **Meet the Experts**
- 12:00 pm - 1:00 pm **Box Lunch and Adjourn**

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## Workshops and Short Courses

The backbone of the Emerson Global Users Exchange is the wealth of knowledge and experience shared by users. It's a unique opportunity for you to hear best practices, implementation successes, tips and tricks, and proven project solutions. This year's selection of topics will inform, inspire and invigorate us all to meet the challenges ahead with renewed confidence.

On the following pages are listed more than 300 Workshops and Short Courses that will be presented. Each listing is shown with a color bar to represent one of the tracks below.

**Note:** The Workshops and Short Courses are listed chronologically, and then in alphabetical order by their titles.

-  Asset Optimization/Maintenance and Reliability
-  Business Operations, Integration, and Intelligence
-  Control System Modernization
-  DeltaV and Ovation System Applications
-  Emerson Product/Service Updates
-  Instrumentation Applications
-  Management
-  Process Optimization
-  Project Management and Engineering Tools
-  Safety Instrumented Systems
-  Valve Applications
-  Wireless Applications
-  Emerson Educational Services

Best-in-Conference Nominee

**Product Roadmaps**

<b>RM-590</b>	<p><b>AMS Suite</b>  <i>Steve Armstrong, Chris Hilemon, Emerson Process Management</i>                      11:00 am-12:00 pm • 208</p>
<b>RM-591</b>	<p><b>Asset Optimization Services</b>  <i>Augie DiGiovanni, Dan Stedham, Emerson Process Management</i>                      11:00 am-12:00 pm • 209</p>
<b>RM-584</b>	<p><b>DeltaV Guardian Support</b>  <i>Kim Van Camp, Emerson Process Management</i>                      11:00 am-12:00 pm • 210A</p>
<b>RM-585</b>	<p><b>DeltaV Platform</b>  <i>Dave Deitz, Emerson Process Management</i>                      11:00 am-12:00 pm • 103AB</p>
<b>RM-589</b>	<p><b>DeltaV SIS</b>  <i>Mike Boudreaux, Keith Bellville, Emerson Process Management</i>                      11:00 am-12:00 pm • 214A</p>
<b>RM-581</b>	<p><b>Emerson PROVOX and RS3 Systems Modernization</b>  <i>Scott Ross, Keith Bellville, Emerson Process Management</i>                      11:00 am-12:00 pm • 212A</p>
<b>RM-587</b>	<p><b>Emerson Systems Services and Solutions</b>  <i>William (Bill) Robertson, Emerson Process Management</i>                      11:00 am-12:00 pm • 212B</p>
<b>RM-582</b>	<p><b>Field Instruments</b>  <i>Roger Kelm, Jim Pomroy, Emerson Process Management</i>                      11:00 am-12:00 pm • 213A</p>
<b>RM-586</b>	<p><b>Fisher Controls/Valve Automation/TopWorx/Regulators</b>  <i>Danny Nelson, Bruce Quernemoen, Emerson Process Management</i>                      11:00 am-12:00 pm • 213B</p>
<b>RM-583</b>	<p><b>Non-Emerson Systems Migration</b>  <i>Zaidan Kazour, Emerson Process Management</i>                      11:00 am-12:00 pm • 210B</p>
<b>RM-588</b>	<p><b>Syncade</b>  <i>Bob Lenich, Emerson Process Management</i>                      11:00 am-12:00 pm • 211</p>

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<b>RM-590</b>	<p><b>AMS Suite</b>  <i>Steve Armstrong, Chris Hilemon, Emerson Process Management</i>                      1:00 pm-2:00 pm • 208</p>
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<b>RM-588</b>	<p><b>Syncade</b>  <i>Bob Lenich, Emerson Process Management</i>                      1:00 pm-2:00 pm • 211</p>

**Industry Forums**

<b>IF-565</b>	<p><b>Alternative Fuels – Navigating the Current Legislative Policy for Advanced Biofuels</b>  <i>Michael J. McAdams, Advanced Biofuels Association</i>                      2:00 pm-3:00 pm • 202B</p>
<b>IF-566</b>	<p><b>Chemicals – Doing More with Less</b>  <i>Rob Farrar, Dow Chemical; Brooke Robertson, Hexion Specialty Chemicals</i>                      2:00 pm-3:30 pm • 202A</p>
<b>IF-567</b>	<p><b>Engineering – Cost Competitiveness: Efforts and Impact</b>  <i>Vincent Grindlay, Fluor</i>                      2:00 pm-3:00 pm • 203A</p>
<b>IF-570</b>	<p><b>Life Sciences</b>  <i>Vibhakar Shah, FDA; Todd White, Talecris</i>                      2:00 pm-3:00 pm • 207AB</p>
<b>IF-569</b>	<p><b>Oil and Gas – Creating and Managing the Intelligent Field of the Future</b>  <i>Deon Rae, Chevron Energy Technology Company; Tony Edwards, Stepchange Global; Jon Starkebye, IBM</i>                      2:00 pm-3:30 pm • 206A</p>
<b>IF-571</b>	<p><b>Pulp and Paper</b>  <i>Danny Streets, NewPage Corporation</i>                      2:00 pm-3:00 pm • 206B</p>
<b>IF-568</b>	<p><b>Refining and Petrochemicals – Reduced Utilization Requires “New Course of Action” to Control Costs</b>  <i>Mark Isom, NCRA; Gary Hawkins, Patrick Truesdale, Emerson Process Management; Travis Capps, Valero Energy Corporation</i>                      2:00 pm-3:00 pm • 203B</p>

**Technology Forums**

<b>TF-573</b>	<p><b>Operations Management, ISA95 Level 3</b>  <i>Jonathan Lustri, Emerson Process Management; Lou Verhagen, Akzo Nobel T&amp;E</i>                      3:00 pm-4:00 pm • 006ABCD</p>
<b>TF-574</b>	<p><b>Safety Lifecycle Management</b>  <i>Bob Lenich, Emerson Process Management; Edward Smigo, PROCONEX</i>                      3:00 pm-4:00 pm • 007ABCD</p>
<b>TF-575</b>	<p><b>Smart Instrumentation</b>  <i>Randy Balentine, Bob Lattimer, Emerson Process Management</i>                      3:00 pm-4:00 pm • 214AB</p>
<b>TF-572</b>	<p><b>Wireless in Process Automation</b>  <i>Bob Karschnia, Emerson Process Management</i>                      3:00 pm-4:00 pm • 001AB</p>

### Short Courses

09-282	<p><b>Comparative Study Between DeltaV Traditional Architecture and Electronic Marshalling</b>  <i>Normand Prévost, GCM Consultants</i>              8:00 am-9:30 am • 203B</p>
05-098	<p><b>DeltaV Operate Product Update</b>  <i>Cindy Scott, Molly Firkins, Emerson Process Management</i>              8:00 am-9:30 am • 202A</p>
12-357	<p><b>Major Pharmaceutical Company Uses Emerson Smart Wireless to Meet FDA Requirements</b>  <i>Aldo Cue, Pfizer Pharmaceuticals; Fausto Mosquera, Emerson Process Management</i>              8:00 am-9:30 am • 203A</p>
03-304	<p><b>PROVOX and Siemens S5 to DeltaV Migration During Operation</b>  <i>Stig Myrland, Hakon Waerstad, Yara International ASA</i>              8:00 am-9:30 am • 201</p>
12-008	<p><b>Remote Automation System Upgrade</b>  <i>Gary Silverman, Williams E&amp;P</i>              8:00 am-9:30 am • 205</p>
02-212	<p><b>Syncade Documentation Management of Change</b>  <i>Lynn Richard, Emerson Process Management</i>              8:00 am-9:30 am • 202B</p>
04-103	<p><b>Urban Power in New York City</b>  <i>Tom Smith, Endurant Energy; Chris Sneath, Control Associates; Matthew Perry, Emerson Process Management</i>              8:00 am-9:30 am • 204A</p>
01B-505	<p><b>Using Diagnostics From Intelligent Motor Controls and AMS Device Manager to Supplement and Expand Traditional Machinery Monitoring Techniques</b>  <i>Nick Garrett, Emerson Process Management</i>              8:00 am-9:30 am • 204B</p>

### Workshops

01A-035	<p><b>A Power Plant's Ten-Year AMS Saga: Transition to Online AMS Device Manager From a Stand-Alone Laptop to Multiplexers to the Ovation Interface</b>  <i>Todd Gordon, We Energies – Valley Power Plant</i>              8:00 am-8:45 am • 102A</p>
02-563	<p><b>Commercial and Technical Benefits Through Early MAC Supplier Selection for World-Class Grassroots Ammonia Plant</b>  <i>Mike Barthelemy, KBR Energy and Chemicals Group; Brian Nordmann, Emerson Process Management</i>              8:00 am-8:45 am • 103A</p>

**Workshops continued...**

<b>04-054</b>	<p><b>DeltaV Alarm Paging Using OPC and GPRS Modem</b>  <i>Ajay Bhilegaonkar, Bristol-Myers Squibb</i>              8:00 am-8:45 pm • 210A</p>
<b>02-186</b>	<p><b>Electronic Workflow for a Bioreactor</b>  <i>Joe Maguire, BMS; Christie Deitz, Emerson Process Management</i>              8:00 am-8:45 am • 102B</p>
<b>06A-399</b>	<p><b>Give Your Plant a HART 7 Attack</b>  <i>Michelle Hursh, Emerson Process Management</i>              8:00 am-8:45 am • 101A</p>
<b>04-028</b>	<p><b>Guardian for the Average User</b>  <i>Ryan Showers, Vinson Process Controls</i>              8:00 am-8:45 am • 210B</p>
<b>04-118</b>	<p><b>Guidelines for Setting Filtering and Module Execution Rate</b>  <i>Terry Blevins, Kent Burr, Emerson Process Management</i>              8:00 am-8:45 am • 209</p>
<b>01A-221</b>	<p><b>It Takes a Big Tool Box to Keep Critical Plant Assets Available – Our Main Tools are AMS Device Manager and ValveLink</b>  <i>Joel Holmes, Monsanto Company; Steve Hagan, Emerson Process Management</i>              8:00 am-8:45 am • 101B</p>
<b>06B-372</b>	<p><b>Level Solutions for Power Can Increase Plant Efficiency – If Chosen and Installed Correctly</b>  <i>Milan Goldmann, Sarah Parker, Emerson Process Management</i>              8:00 am-8:45 am • 213B</p>
<b>06B-157</b>	<p><b>Measuring Levels in Highly Dynamic Petroleum Processes</b>  <i>Wayne Buhler, Emerson Process Management</i>              8:00 am-8:45 am • 213A</p>
<b>03-244</b>	<p><b>Migration and Modernization – Lessons Learned, Part 1</b>  <i>John Dolenc, Laurie Ben, Emerson Process Management</i>              8:00 am-8:45 am • 206A</p>
<b>05-031</b>	<p><b>New Product Information – Emerson Smart Firewall</b>  <i>Bob Huba, Emerson Process Management; Dr. Nate Kube, Wurdtech Security Technologies</i>              8:00 am-8:45 am • 212A</p>
<b>11-279</b>	<p><b>Online Overhaul: Technicians Take on Technology to Provide Instant Access to BP Automation Upgrades</b>  <i>Robert Ellison, BP; Tate Cunningham, Puffer-Sweiven</i>              8:00 am-8:45 am • 206B</p>

**Workshops continued...**

<b>02-085</b>	<p><b>OPC Connectivity Options: OPC, Xi, and UA</b>  <i>Eric Murphy, Matrikon OPC</i>                      8:00 am-8:45 am • 103B</p>
<b>05-327</b>	<p><b>Product Update: S-Series Hardware</b>  <i>Andre Dicaire, Emerson Process Management</i>                      8:00 am-8:45 am • 212B</p>
<b>10-316</b>	<p><b>Safety Requirements Specifications – Guidelines and Common Mistakes</b>  <i>Edward Marszal, Kenexis; Gary Hawkins, Emerson Process Management</i>                      8:00 am-8:45 am • 207A</p>
<b>11-273</b>	<p><b>Salvaging a Start-Up: Recovery and Repair Save the Day for Chevron</b>  <i>Marc Higley, Emerson Process Management; Brian Pitcher, Caltrol, Inc.; Robert W. Dye, Chevron</i>                      8:00 am-8:45 am • 207B</p>
<b>12-225</b>	<p><b>Smart Wireless Measurement Avoids Shutdowns of a 16MV Rotating SAG Mill at Newmont's Minera Yanacocha Complex</b>  <i>Guido Mangieri, Emerson Process Management</i>                      8:00 am-8:45 am • 208</p>

**Workshops**

05-187	<p><b>A PAT Solution for Pharmaceutical Manufacturing</b>  <i>David Rehbein, Emerson Process Management</i>                      9:00 am-9:45 pm • 212A</p>
01A-009	<p><b>Asset Optimization and Instrument Maintenance Strategies Development</b>  <i>Dom Toledo, Suncor Energy Inc.; Douglas Ndegwa, Spartan Controls</i>                      9:00 am-9:45 pm • 101B</p>
02-027	<p><b>CMMS Integration Using DeltaV and AMS Suite APM</b>  <i>Bruce Greenwald, REM Services</i>                      9:00 am-9:45 am • 103B</p>
04-168	<p><b>DeltaV Development Systems in a Virtualized Environment</b>  <i>Scott Thompson, Robert E. Mason</i>                      9:00 am-9:45 pm • 210B</p>
12-521	<p><b>Good Vibes About Wireless in Refining – Best Practices for Wireless Vibration Monitoring</b>  <i>Robert Skeirik, James Easton, Emerson Process Management</i>                      9:00 am-9:45 am • 207B</p>
01A-444	<p><b>How Profibus DP Can Open Up a Whole New World of Assets in AMS Device Manager</b>  <i>Amy Davidson, Emerson Process Management; Steve Bartz, Emerson Industrial Automation</i>                      9:00 am-9:45 am • 101A</p>
06B-336	<p><b>Improving Firing Control and Efficiency with Better Damper Performance</b>  <i>Randy Stier, Omar Wahidi, Valero Energy Corporation; Gary Hawkins, Emerson Process Management; Rob Allen, CB Bachmann</i>                      9:00 am-9:45 am • 213B</p>
02-161	<p><b>Integrated Factory Acceptance Test Approach</b>  <i>Will Merrill, Fluor</i>                      9:00 am-9:45 am • 103A</p>
03-245	<p><b>Migration and Modernization – Lessons Learned, Part 2</b>  <i>Laurie Ben, John Dolenc, Emerson Process Management</i>                      9:00 am-9:45 am • 206A</p>
08-457	<p><b>Model Predictive Control: Not Just for Large Systems</b>  <i>Paul Pathasema, Ascend Performance Materials</i>                      9:00 am-9:45 am • 207A</p>
02-312	<p><b>SAP to DeltaV Integration Using the DeltaV SOA Gateway and SAP Web Services</b>  <i>Philippe Moro, Lubrizol; Chris Felts, Emerson Process Management</i>                      9:00 am-9:45 am • 102B</p>

**Workshops continued...**

01A-392	<p><b>Setup of Devices, DeltaV, and AMS Device Manager to Realize the Full Benefits of PlantWeb Alerts</b>  <i>Joe Johnson, Emerson Process Management</i>                      9:00 am-9:45 am • 102A</p>
06A-310	<p><b>The Balancing Act of Flow Meter Selection: A Case Study Using DP Flow</b>  <i>Brian Fieser, Rick Belin, Emerson Process Management</i>                      9:00 am-9:45 am • 213A</p>
05-182	<p><b>User-Driven Enhancement Program Update: Voice and Drive Your Ideas</b>  <i>Bill Tjoo, Emerson Process Management</i>                      9:00 am-9:45 am • 212B</p>
01B-175	<p><b>Weathering the Storm Using Grounding Best Practices and Transient Protection for Radar Level</b>  <i>Josh Morrow, Lori Egbers, Emerson Process Management</i>                      9:00 am-9:45 am • 206B</p>

## Short Courses

06A-425

### Get Your Ducts in a Row for Better Flow Measurement

*Dave Winters, Amy Johnson, Emerson Process Management*

10:00 am-11:30 am • 202A

07-033

### How to Justify New “Smart” Automation Investments

*Douglas White, Edward Schodowski, Emerson Process Management*

10:00 am-12:00 pm • 206A

## Workshops

02-363

### Achieving Project Business Goals with a Structured Approach to PlantWeb Projects

*Augie DiGiovanni, Dan Stedham, Emerson Process Management*

10:00 am-10:45 am • 103A

04-194

### Automating Portable Skids in a Hazardous Environment

*Ray Emerson, Chris McGlaughlin, New England Controls*

10:00 am-10:45 am • 209

04-043

### Batch Executive Crash Recovery for DeltaV 10.3 and Below

*Gautam Gupta, Genentech*

10:00 am-10:45 pm • 210A

08-167

### Batch Process Analytics (PA) – An In-Depth Update

*Robert Wojewodka, The Lubrizol Corporation; Terry Blevins, Willy Wojsznis, Emerson Process Management*

10:00 am-10:45 am • 206B

06B-365

### Battle Royale – HART 7 vs. FOUNDATION fieldbus

*Dale Perry, Emerson Process Management*

10:00 am-10:45 am • 101B

03-195

### Charmed – Upgrading UT Pickle Separations to DeltaV v11 with Integrated CHARMS

*Frank Seibert, University of Texas at Austin; Mark Nixon, Murray Hansen, Emerson Process Management*

10:00 am-10:45 am • 203A

03-062

### Control Sixteen Motors with Four Variable Speed Drives (VFDs) – How Can That Be? VFD Implementation on DeviceNet

*David Shedd, Casey Houchens, SRR-SRS*

10:00 am-10:45 am • 201

04-514

### Environmental Stewardship is Key to District Heating in Seattle

*Mick Reeves, Seattle Steam Co.; Barbara Hamilton, Robert Sabin, Emerson Process Management*

10:00 am-10:45 am • 208

05-351

### Fisher Control-Disk Valve Development, Features, and Future Extensions

*Wade Helfer, Emerson Process Management*

10:00 am-10:45 am • 212B

**Workshops continued...**

<b>01A-541</b>	<p><b>Hidden Power of Information in the AMS Database</b>  <i>Brian McWhorter, Vincent Energy Systems</i>                      10:00 am-10:45 am • 102A</p>
<b>06B-350</b>	<p><b>High Density Temperature Transmitters in Gasification Pilot Plant</b>  <i>Patrick Bishop, Gas Technology Institute; Keith Bentley, Emerson Process Management</i>                      10:00 am-10:45 am • 213A</p>
<b>05-367</b>	<p><b>High-Tech Teamwork: Turnkey Solutions Offer Increased Reliability</b>  <i>Peter DiSanto, Emerson Process Management; Paul Walker, Team Industrial Services</i>                      10:00 am-10:45 am • 212A</p>
<b>03-230</b>	<p><b>How to Modernize a Large Bulk Product Terminal – Follow a Master Plan</b>  <i>Pam Smolen, Vopak; Pete Sharpe, Emerson Process Management; Ismael Morales, Puffer-Sweiven</i>                      10:00 am-10:45 am • 203B</p>
<b>01A-164</b>	<p><b>Italian Power Plant, Centro Energia Teverola, Increase Efficiency by More Than 1 Percent</b>  <i>Maurizio De Francesco, Richard Drake, Emerson Process Management</i>                      10:00 am-10:45 am • 101A</p>
<b>06B-325</b>	<p><b>Level ABC for EPC</b>  <i>Hans Schriel, Andreas Hessel, Emerson Process Management</i>                      10:00 am-10:45 am • 213B</p>
<b>02-483</b>	<p><b>OPC Xi Simplifies Client Access to DeltaV</b>  <i>Lee Neitzel, Chris Felts, Emerson Process Management</i>                      10:00 am-10:45 am • 102B</p>
<b>03-508</b>	<p><b>Three Non-Conventional Level Control Applications</b>  <i>Sergei Kuznetsov, Emerson Process Management</i>                      10:00 am-10:45 am • 207A</p>
<b>06B-436</b>	<p><b>Top 10 Ways to Speed Project Execution with Better Instrumentation Practices</b>  <i>Natalie Strehlke, Paul Schmeling, Emerson Process Management</i>                      10:00 am-10:45 am • 210B</p>
<b>03-406</b>	<p><b>Total Installed and Commissioned Cost Savings Using Electronic Marshalling in Brownfield Modernization Projects</b>  <i>Gordon Lawther, Emerson Process Management</i>                      10:00 am-10:45 am • 207B</p>

**Workshops continued...**

<b>03-113</b>	<b>Using FlexConnect to Migrate Your Legacy DCS to DeltaV</b> <i>Dan Jacobsmeyer, Alice Stewart, Emerson Process Management</i> 10:00 am-10:45 am • 205
<b>03-025</b>	<b>Wireless Ethernet DeltaV Control Network</b> <i>Terrance Stevens, Kenneth Marse, Chemtura; Dale Thibodeaux, John H. Carter Co., Inc.</i> 10:00 am-10:45 am • 202B

**Product Roadmaps**

<b>RM-590</b>	<p><b>AMS Suite</b>  <i>Steve Armstrong, Chris Hilemon, Emerson Process Management</i>                      11:00 am-12:00 pm • 201</p>
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<b>RM-584</b>	<p><b>DeltaV Guardian Support</b>  <i>Kim Van Camp, Emerson Process Management</i>                      11:00 am-12:00 pm • 203A</p>
<b>RM-585</b>	<p><b>DeltaV Platform</b>  <i>Dave Deitz, Emerson Process Management</i>                      11:00 am-12:00 pm • 207A</p>
<b>RM-587</b>	<p><b>Emerson Systems Services and Solutions</b>  <i>William (Bill) Robertson, Emerson Process Management</i>                      11:00 am-12:00 pm • 207B</p>
<b>RM-582</b>	<p><b>Field Instruments</b>  <i>Roger Kelm, Jim Pomroy, Emerson Process Management</i>                      11:00 am-12:00 pm • 208</p>
<b>RM-583</b>	<p><b>Non-Emerson Systems Migration</b>  <i>Zaidan Kazour, Emerson Process Management</i>                      11:00 am-12:00 pm • 203B</p>
<b>RM-588</b>	<p><b>Syncade</b>  <i>Bob Lenich, Emerson Process Management</i>                      11:00 am-12:00 pm • 205</p>

**Workshops**

<b>06B-533</b>	<p><b>2120 as a Direct Replacement for a Float Switch Integrating Directly into a Honeywell TDC 3000</b>  <i>Warren Merriman, Emerson Process Management; Scott House, BP</i>                      11:00 am-11:45 am • 213B</p>
<b>01A-119</b>	<p><b>AMS Restoration: Techniques, Tips, and Tricks</b>  <i>Kenneth Marse, Chemtura; Michael Sorel, ControlWorx, LLC</i>                      11:00 am-11:45 am • 101B</p>
<b>04-384</b>	<p><b>Easy Integration of Machinery Protection (Vibration) and DeltaV</b>  <i>Deane Horn, Emerson Process Management</i>                      11:00 am-11:45 pm • 210A</p>
<b>01A-066</b>	<p><b>Getting the Most Out of Your AMS Device Manager System and Smart Devices</b>  <i>John Fuller, R.S. Stover Company; Jody Minor, LyondellBasell</i>                      11:00 am-11:45 am • 101A</p>
<b>05-343</b>	<p><b>How Human Centered Design (HCD) Principles in Version 11 Has Helped DeltaV Users Get More Things Done</b>  <i>Rune Reppenhausen, Bryan Jones, Emerson Process Management</i>                      11:00 am-11:45 am • 210B</p>
<b>01A-378</b>	<p><b>Implementing and Managing a Secure IEC 62591 (WirelessHART®) Network with AMS Suite</b>  <i>Dervis Scheib, Emerson Process Management</i>                      11:00 am-11:45 am • 102A</p>
<b>02-246</b>	<p><b>Maintaining Historical Trending During On-Line Migration</b>  <i>Brian Muldowney, Genzyme Corporation; Thomas Turner, New England Controls</i>                      11:00 am-11:45 am • 103A</p>
<b>05-370</b>	<p><b>Product Update: DeltaV Digital Bus Technologies</b>  <i>Randy Balentine, Emerson Process Management</i>                      11:00 am-11:45 am • 212A</p>
<b>04-052</b>	<p><b>Remote Video with DeltaV</b>  <i>Clarke Esler, Industrial Video &amp; Control; Neil Peterson, Emerson Process Management</i>                      11:00 am-11:45 am • 209</p>
<b>09-185</b>	<p><b>So Why Would an EPC Want to Ever Use CHARMS?</b>  <i>Vincent Grindlay, Fluor; Tim Vann, Chris Hamlin, Emerson Process Management</i>                      11:00 am-11:45 am • 102B</p>
<b>08-237</b>	<p><b>Temperature Expert Control System for a Copper Smelter Furnace at Southern Copper Corporation (SCC)</b>  <i>Walter Flores, Jorge Vasquez, Southern Copper Corporation (SCC); Guido Mangieri, Emerson Process Management</i>                      11:00 am-11:45 am • 206B</p>

**Workshops continued...**

<b>06B-498</b>	<b>The BEST Way to Do Temperature: Best Practices for Installation, Commissioning, and General Temperature Measurement</b> <i>Rebecca Gill, Alex Cecchini, Emerson Process Management</i> 11:00 am-11:45 am • 213A
<b>03-079</b>	<b>Using New Eye-Tracking Technology to Measure the Usability of Control Studio as Part of Human Centered Design</b> <i>Herschel Koska, Julian Naidoo, Paul Daly, Emerson Process Management</i> 11:00 am-11:45 am • 103B
<b>05-276</b>	<b>What Problem Are You Trying to Solve? Uncovering the Real Problem at Hand Can Lead to Innovative Solutions and New Product Innovations</b> <i>Gary Law, Emerson Process Management</i> 11:00 am-11:45 am • 212B

**Product Roadmaps**

<b>RM-590</b>	<p><b>AMS Suite</b>  <i>Steve Armstrong, Chris Hilemon, Emerson Process Management</i>                      1:00 pm-2:00 pm • 201</p>
<b>RM-584</b>	<p><b>DeltaV Guardian Support</b>  <i>Kim Van Camp, Emerson Process Management</i>                      1:00 pm-2:00 pm • 203A</p>
<b>RM-585</b>	<p><b>DeltaV Platform</b>  <i>Dave Deitz, Emerson Process Management</i>                      1:00 pm-2:00 pm • 207A</p>
<b>RM-581</b>	<p><b>Emerson PROVOX and RS3 Systems Modernization</b>  <i>Scott Ross, Keith Bellville, Emerson Process Management</i>                      1:00pm-2:00 pm • 202B</p>
<b>RM-587</b>	<p><b>Emerson Systems Services</b>  <i>William (Bill) Robertson, Emerson Process Management</i>                      1:00 pm-2:00 pm • 207B</p>
<b>RM-582</b>	<p><b>Field Instruments</b>  <i>Roger Kelm, Jim Pomroy, Emerson Process Management</i>                      1:00 pm-2:00 pm • 208</p>
<b>RM-583</b>	<p><b>Non-Emerson Systems Migration</b>  <i>Zaidan Kazour, Emerson Process Management</i>                      1:00 pm-2:00 pm • 203B</p>

**Short Courses**

<b>12-189</b>	<p><b>Deploying Wireless in the Process Industries</b>  <i>Chris Hamlin, Ann Robin, Emerson Process Management</i>                      1:00 pm-2:30 pm • 204B</p>
<b>01A-352</b>	<p><b>Enabling and Ensuring Value From Your Predictive Technology Investment</b>  <i>Dan Stedham, Todd Schools, Emerson Process Management</i>                      1:00 pm-2:30 pm • 206A</p>
<b>02-180</b>	<p><b>Syncade Electronic Workflow/Procedures</b>  <i>Christie Deitz, Robert Dvorak, Emerson Process Management</i>                      1:00 pm-2:30 pm • 202A</p>
<b>12-181</b>	<p><b>Understanding and Using IEC 62591 (WirelessHART®) Technology</b>  <i>Ed Ladd, HART Communication Foundation; Jim Cobb, Emerson Process Management</i>                      1:00 pm-4:00 pm • 204A</p>

**Workshops**

01A-018	<p><b>Asset Management: Leveraging Your Technology Dollars to Save O&amp;M</b>  <i>Michael Wade, Consumers Energy Company</i>                      1:00 pm-1:45 pm • 102A</p>
04-110	<p><b>DeltaV Virtualization – Real Today, A Reality Tomorrow</b>  <i>John Caldwell, Mark Nixon, Emerson Process Management</i>                      1:00 pm-1:45 pm • 209</p>
06B-218	<p><b>Does That Level Really Match What is Inside My Tank? Practical Solutions for Optimizing Radar Level Measurements in Chambers and Stilling Wells</b>  <i>Sarah Parker, Tom Wienke, Emerson Process Management</i>                      1:00 pm-1:45 pm • 210B</p>
04-042	<p><b>Faux Meters – When Real Instrumentation Just Isn't Good Enough</b>  <i>Michael McEver, SRR</i>                      1:00 pm-1:45 pm • 210A</p>
05-105	<p><b>Fisher FIELDVUE Instrument Update</b>  <i>Lorin Miller, Emerson Process Management</i>                      1:00 pm-1:45 pm • 212B</p>
02-099	<p><b>Flexible Recipes to Meet Unique Requirements for Pharmaceutical Packaging</b>  <i>Tim Adkins, Bristol-Myers Squibb</i>                      1:00 pm-1:45 pm • 103A</p>
02-086	<p><b>How to Make OPC Architectures Secure</b>  <i>Eric Murphy, Matrikon OPC</i>                      1:00 pm-1:45 pm • 103B</p>
06B-337	<p><b>LyondellBasell Realizes Better Maintenance Practices with Advanced Diagnostics</b>  <i>Jody Minor, LyondellBasell; Mike Caspers, Bill Zhou, Emerson Process Management</i>                      1:00 pm-1:45 pm • 213A</p>
02-543	<p><b>Managing the Transition From Paper to Syncade Electronic Records in an Operating Facility</b>  <i>Les Fister, Lonza Biologics; Joshi Rajeev, New England Controls, Inc.</i>                      1:00 pm-1:45 pm • 102B</p>
05-229	<p><b>SmartProcess Update</b>  <i>Bob Wiggins, Pete Sharpe, Emerson Process Management</i>                      1:00 pm-1:45 pm • 212A</p>
01A-241	<p><b>The Reliability Process at Sipchem</b>  <i>Abdullah AlGhamde, Saudi International Petrochemical</i>                      1:00 pm-1:45 pm • 101A</p>

**Workshops continued...**

06B-328

**The Top 10 ERS Applications for 2010**

*Michael Olivier, Amy Johnson, Emerson Process Management*

1:00 pm-1:45 pm • 213B

01A-364

**Using Human Centered Design to Improve Productivity with Handheld Configuration Devices**

*Alan Dewey, Emerson Process Management*

1:00 pm-1:45 pm • 101B

### Short Courses

12-197	<p><b>An In-Depth Look at IEC 62591 (WirelessHART®)</b>  <i>Mark Nixon, Chen Deji, Eric Rotvold, Emerson Process Management</i>                  2:00 pm-4:00 pm • 205</p>
11-102	<p><b>Improve Ethylene Conversion and Overall Plant Reliability</b>  <i>Janine Keeley, Clinton Anderson, Emerson Process Management</i>                  2:00 pm-4:00 pm • 203A</p>
06B-512	<p><b>Introducing the “Other” Fieldbus: The Basics, Benefits, and How to of Profibus</b>  <i>Jesse Dodge, Rick Lewis, Emerson Process Management</i>                  2:00 pm-4:00 pm • 202B</p>
01B-323	<p><b>The Ins and Outs of Rosemount Radar Master – The #1 Radar Configuration and Troubleshooting Tool</b>  <i>Andreas Hessel, Tomas Wennerberg, Emerson Process Management</i>                  2:00 pm-3:30 pm • 203B</p>

### Workshops

03-500	<p><b>Advanced Process Control Gets a Ticket on the “Express” Train to Migration and Modernization</b>  <i>Stewart McLeod, Catalyst Paper Corporation</i>                  2:00 pm-2:45 pm • 207B</p>
05-003	<p><b>DeltaV Batch Product Update</b>  <i>Nathan Pettus, Dawn Marruchella, Emerson Process Management</i>                  2:00 pm-2:45 pm • 210B</p>
04-104	<p><b>DeltaV Context Commenting – Custom Application for Electronic Batch Review and Approval</b>  <i>Daniel Wasser, Jason Hamm, Bristol-Myers Squibb</i>                  2:00 pm-2:45 pm • 208</p>
02-136	<p><b>Designing Reusable Objects for Syncade Recipes – A Case Study</b>  <i>Debbie Bouwens, Bristol-Myers Squibb</i>                  2:00 pm-2:45 pm • 103A</p>
08-528	<p><b>Extending the Power of InSight Beyond DeltaV</b>  <i>Terrance Chmelyk, NORPAC Controls Ltd.</i>                  2:00 pm-2:45 pm • 206B</p>
04-375	<p><b>How To: DeltaV Version 10 Group Policy Management</b>  <i>Randy Pratt, Emerson Process Management</i>                  2:00 pm-2:45 pm • 210A</p>
06B-172	<p><b>Is Your Steam Application Getting Hot?</b>  <i>Anna Olander, LuRay Lister, Emerson Process Management</i>                  2:00 pm-2:45 pm • 213B</p>

**Workshops continued...**

<b>12-231</b>	<p><b>Monitoring Essential Assets – Wirelessly</b>  <i>Gary Hawkins, Pete Sharpe, Emerson Process Management</i>                  2:00 pm-2:45 pm • 212B</p>
<b>01A-442</b>	<p><b>PotashCorp New Brunswick Division Relies on AMS to Save Money and Deliver Faster Start-ups</b>  <i>Shane Bast, Laurentide Controls</i>                  2:00 pm-2:45 pm • 101A</p>
<b>03-109</b>	<p><b>Power and Grounding: Get It Right Before You Modernize and Migrate Your DCS System</b>  <i>Alice Stewart, Dan Jacobsmeyer, Emerson Process Management</i>                  2:00 pm-2:45 pm • 201</p>
<b>05-210</b>	<p><b>Product Update on the Rosemount E-Series Magnetic Flowmeter</b>  <i>Bill Graber, Emerson Process Management</i>                  2:00 pm-2:45 pm • 212A</p>
<b>01A-151</b>	<p><b>Remote Assistance – Expertise There When You Need It</b>  <i>Randal Doss, Emerson Process Management</i>                  2:00 pm-2:45 pm • 101B</p>
<b>04-101</b>	<p><b>Standard Field Junction Boxes for CHARM I/O Take Away Stress From Your Project</b>  <i>Michael Hagen, R. STAHL Schaltgeraete GmbH</i>                  2:00 pm-2:45 pm • 209</p>
<b>02-309</b>	<p><b>Technology Transfer Troubles</b>  <i>Michalle Adkins, Bob Lenich, Emerson Process Management</i>                  2:00 pm-2:45 pm • 102B</p>
<b>06B-263</b>	<p><b>Up From the Depths: Rapid Response Means Real Recovery</b>  <i>Jennifer Conn, Emerson Process Management; Jason Wood, Control Southern</i>                  2:00 pm-2:45 pm • 213A</p>

**Workshops**

<b>04-359</b>	<p><b>A Structured Approach to Implementing PlantWeb Alerts in DeltaV Systems</b>  <i>Aaron Shaw, Dan Stedham, Emerson Process Management</i>                      3:00 pm-3:45 pm • 209</p>
<b>01A-211</b>	<p><b>AMS Device Manager 123: 1) What's New, 2) How Suncor is Claiming \$30MI, 3) What's Coming</b>  <i>Rustin Ekness, Emerson Process Management</i>                      3:00 pm-3:45 pm • 101B</p>
<b>05-377</b>	<p><b>Building a More Fault Tolerant System with Redundant Components</b>  <i>David Denison, Emerson Process Management</i>                      3:00 pm-3:45 pm • 212A</p>
<b>05-332</b>	<p><b>DeltaV System Data Integration for Secure, Industry Standard Connectivity</b>  <i>Chris Felts, Emerson Process Management</i>                      3:00 pm-3:45 pm • 212B</p>
<b>05-039</b>	<p><b>DeltaV v11 and Smart Wireless</b>  <i>Neil Peterson, Andre Dicaire, Emerson Process Management</i>                      3:00 pm-3:45 pm • 210B</p>
<b>06B-537</b>	<p><b>Geothermal Industry Needs Accurate Level for NCG Separators</b>  <i>Edmundo Agramont, Ormat; Timothy Cushman, Emerson Process Management</i>                      3:00 pm-3:45 pm • 213A</p>
<b>01A-435</b>	<p><b>How an Existing Meridium Customer Utilizes AMS Suite Data to Create a Complete Picture of Asset Health</b>  <i>John Renick, Meridium; Amy Davidson, Emerson Process Management</i>                      3:00 pm-3:45 pm • 101A</p>
<b>01B-432</b>	<p><b>How to Set Up Plugged Impulse Line Advanced Pressure Diagnostics Using FOUNDATION fieldbus and DeltaV</b>  <i>John Miller, Paul Schmeling, Emerson Process Management</i>                      3:00 pm-3:45 pm • 202A</p>
<b>08-506</b>	<p><b>Increase Plant Profits and Savings Through Optimum Process Controls</b>  <i>Fernando Otero, Optimo Group Inc.</i>                      3:00 pm-3:45 pm • 206B</p>
<b>04-156</b>	<p><b>Is Solving World Hunger Easier Than Working with IT Security? A Dialogue Which Can Help Work This Out</b>  <i>James Robinson, Bob Huba, Emerson Process Management</i>                      3:00 pm-3:45 pm • 208</p>
<b>02-481</b>	<p><b>Managing Batch Recipe Formulas with Web Services</b>  <i>Bob Engel, Informetric Systems Inc.</i>                      3:00 pm-3:45 pm • 103A</p>

**Workshops continued...**

11-279	<p><b>Online Overhaul: Technicians Take on Technology to Provide Instant Access to BP Automation Upgrades</b>  <i>Robert Ellison, BP; Tate Cunningham, Puffer-Sweiven</i>                      3:00 pm-3:45 pm • 201</p>
08-108	<p><b>PredictPro Reduces Energy Consumption and Emissions at MOL, Algyo Gas Plant</b>  <i>Attila Bodócs, MOL Plc; Andrew Riley, Emerson Process Management</i>                      3:00 pm-3:45 pm • 206A</p>
04-132	<p><b>Process Analysis Using 3D Plots</b>  <i>Frank Seibert, University of Texas at Austin; Terry Blevins, Paul Muston, Julian Post, Emerson Process Management</i>                      3:00 pm-3:45 pm • 207B</p>
01B-403	<p><b>Reduce Cost and Risk Using Best-in-Class Calibration Practices</b>  <i>Russ Muller, Natalie Strehlke, Emerson Process Management</i>                      3:00 pm-3:45 pm • 210A</p>
02-540	<p><b>Simple and Flexible Syncade Work Flows to Replace Paper Logs</b>  <i>Panos Argiras, Lonza Biologics, Inc.; Frank Corden, Emerson Process Management</i>                      3:00 pm-3:45 pm • 102A</p>
02-131	<p><b>SYNCADE Integration Architecture</b>  <i>David Marschall, David Rehbein, Emerson Process Management</i>                      3:00 pm-3:45 pm • 102B</p>
03-426	<p><b>The DeltaV Virtual Power Plant</b>  <i>Todd Anstine, MYNAH Technologies</i>                      3:00 pm-3:45 pm • 207A</p>
03-202	<p><b>Tuning in on Asphalt Viscosity Blending with Micro Motion and DeltaV</b>  <i>Hasit Patel, MunChoong (MC) Chow, Novaspect, Inc.; Robert Schwantes, Emerson Process Management</i>                      3:00 pm-3:45 pm • 103B</p>
06B-256	<p><b>Wine Production Optimization Through Mass Balance at Bodega Norton in Argentina</b>  <i>Luis Steindel, Bodegas Norton; Guido Mangieri, Emerson Process Management</i>                      3:00 pm-3:45 pm • 213B</p>

**Certified Short Courses**

13-026	<b>Coriolis Installation Best Practices and Smart Meter Verification</b> <i>Anthony Gentile, Steve Lopez, Tim Cunningham, Emerson Process Management</i> 8:00 am-12:00 pm • 101A
13-555	<b>DeltaV S-Series Electronic Marshalling</b> <i>Mark Dimmitt, Emerson Process Management</i> 8:00 am-12:00 pm • 102B
13-387	<b>Installing, Configuring, and Commissioning the DVC6200 with ValveLink Mobile on the 375/475 Field Communicator</b> <i>Steve Hagen, Ron Hager, Emerson Process Management</i> 8:00 am-12:00 pm • 103B
13-080	<b>Self-Organizing Wireless Network Setup – Course 2375EX</b> <i>Paul Anderson, Mark Sagstetter, Emerson Process Management</i> 8:00 am-12:00 pm • 101B
13-556	<b>Syncade Suite Overview</b> <i>Russ Pothast, Emerson Process Management</i> 8:00 am-12:00 pm • 102A

**Short Courses**

09-282	<b>Comparative Study Between DeltaV Traditional Architecture and Electronic Marshalling</b> <i>Normand Prevost, GCM Consultants</i> 8:00 am-9:30 am • 202A
03-077	<b>Control Loop Foundation – Batch and Continuous Processes</b> <i>Terry Blevins, Mark Nixon, Emerson Process Management</i> 8:00 am-11:00 am • 006A
06A-425	<b>Get Your Ducts in a Row for Better Flow Measurement</b> <i>Dave Winters, Amy Johnson, Emerson Process Management</i> 8:00 am-9:30 am • 002B
08-204	<b>Interactive Exploration of Process Control Improvement</b> <i>Jack Ahlers, Monsanto Company; Gregory McMillan, Emerson Process Management</i> 8:00 am-10:00 am • 002A
12-008	<b>Remote Automation System Upgrade</b> <i>Gary Silverman, Williams E&amp;P</i> 8:00 am-9:30 am • 003A
12-181	<b>Understanding and Using IEC 62591 (WirelessHART®) Technology</b> <i>Ed Ladd, HART Communication Foundation; Jim Cobb, Emerson Process Management</i> 8:00 am-11:00 am • 006B

**Short Courses continued...**

<b>04-103</b>	<p><b>Urban Power in New York City</b>  <i>Tom Smith, Endurant Energy; Chris Sneath, Control Associates; Matthew Perry, Emerson Process Management</i>                      8:00 am-9:30 am • 003B</p>
<b>Workshops</b>	
<b>06A-200</b>	<p><b>40 CFR 98 Tier 4 Greenhouse Gas Reporting with Stack Emissions Flow Meter</b>  <i>Joel Lemke, Brian Fieser, Emerson Process Management</i>                      8:00 am-8:45 am • 203B</p>
<b>06A-398</b>	<p><b>Advantages of Two Phase Flow Metering Using Roxar Watercut Meters Together with Micro Motion Coriolis Flow Meters and Future Potential</b>  <i>Sean Hopkins, Christopher Connor, Emerson Process Management</i>                      8:00 am-8:45 am • 204A</p>
<b>01B-253</b>	<p><b>Alternative Energy: Online Vibration Monitoring of Three Hydroelectric Power Plants in Chile</b>  <i>Raul Marin, Colbun</i>                      8:00 am-8:45 am • 007C</p>
<b>08-228</b>	<p><b>APC – Where to Use It</b>  <i>Pete Sharpe, Emerson Process Management</i>                      8:00 am-8:45 am • 206B</p>
<b>06B-438</b>	<p><b>Can I Detect a Plugged Impulse Line Using Advanced Pressure Diagnostics?</b>  <i>Paul Schmeling, John Miller, Emerson Process Management</i>                      8:00 am-8:45 am • 007D</p>
<b>06B-207</b>	<p><b>Contacting Radar was Installed with Existing Load Cell Technology to Increase Throughput and Enable Continuous Automated Control</b>  <i>Barry Schardt, Red Arrow Products; Jim Hansen, Pete Ronhovde, Emerson Process Management</i>                      8:00 am-8:45 am • 008A</p>
<b>11-469</b>	<p><b>Control-Disk Valves Make World's Largest CFB Power Plant More Efficient!</b>  <i>Nathan Hamblin, Emerson Process Management; Tom Glaspie, Key Controls; Frank Thomas, JEA</i>                      8:00 am-8:45 am • 210B</p>
<b>06A-402</b>	<p><b>Don't Drown in Wet Gas: Wet Gas Flow Measurement with DP Flow</b>  <i>Steve Ifft, Paul Deegan, Emerson Process Management</i>                      8:00 am-8:45 am • 203A</p>
<b>06B-224</b>	<p><b>Driving Automation in Municipal Wastewater Plants</b>  <i>Steve Bartz, Alex Harvey, Emerson Industrial Automation</i>                      8:00 am-8:45 am • 201</p>

**Workshops continued...**

12-413	<p><b>Easy Goes It: Southern Power's Wireless Approach to Diagnostics with Legacy Controllers</b>  <i>Micah Naasz, Emerson Process Management</i>              8:00 am-8:45 am • 214C</p>
04-081	<p><b>Emerson Fieldbus Device Testing – DeltaV Interoperability Assured</b>  <i>Michael Truitt, Keith Gold, Emerson Process Management</i>              8:00 am-8:45 am • 006D</p>
11-485	<p><b>Engineered Severe Service Valve Solution Applied at Aera Energy</b>  <i>Robert Schaaf, Aera Energy LLC; Matt Lyndoe, Emerson Process Management</i>              8:00 am-8:45 am • 211</p>
09-348	<p><b>Evolving Organizational Structures of Large Design Teams</b>  <i>Bradley Laing, Fluor</i>              8:00 am-8:45 am • 208</p>
08-528	<p><b>Extending the Power of InSight Beyond DeltaV</b>  <i>Terrance Chmelyk, NORPAC Controls Ltd.</i>              8:00 am-8:45 am • 206A</p>
12-521	<p><b>Good Vibes About Wireless in Refining– Best Practices for Wireless Vibration Monitoring</b>  <i>Robert Skeirik, James Easton, Emerson Process Management</i>              8:00 am-8:45 am • 214D</p>
12-448	<p><b>Got Wireless? Prepare Your Plant for Modernization with ROI Today</b>  <i>Daniel Carlson, Emerson Process Management</i>              8:00 am-8:45 am • 214B</p>
11-049	<p><b>How and What Instruments to Size for Valve Performance</b>  <i>Kurtis Jensen, Emerson Process Management</i>              8:00 am-8:45 am • 212A</p>
06B-329	<p><b>How Process Insight Leads to Actionable Information at Mitsubishi Chemical</b>  <i>Takayuki Aoyama, Mitsubishi Chemical Corporation; Bill Zhou, Emerson Process Management</i>              8:00 am-8:45 am • 008B</p>
12-087	<p><b>Installation Cost Savings with Smart Wireless Technology in an Oil and Gas Field? Prove It!</b>  <i>Sixto Piedrabuena, Petrolera Entre Lomas; Guido Mangieri, Emerson Process Management</i>              8:00 am-8:45 am • 213A</p>
12-545	<p><b>Intrusive and Non-Intrusive Corrosion Monitors Integrated into One Online System</b>  <i>Kjell Wold, Roar Stoen, Emerson Process Management</i>              8:00 am-8:45 am • 214A</p>

**Workshops continued...**

05-031	<p><b>New Product Information – Emerson Smart Firewall</b>  <i>Bob Huba, Emerson Process Management; Dr. Nate Kube, Wurdtech Security Technologies</i>              8:00 am-8:45 am • 207A</p>
01B-450	<p><b>Orica Experience with the Linkage-Less, Non-Contact Positioner in Liquid Ammonia Application</b>  <i>Alfred Lee, Stanley Amirthasamy, Emerson Process Management</i>              8:00 am-8:45 am • 006C</p>
08-108	<p><b>PredictPro Reduces Energy Consumption and Emissions at MOL, Algyo Gas Plant</b>  <i>Attila Bodócs, MOL Plc; Andrew Riley, Emerson Process Management</i>              8:00 am-8:45 am • 205</p>
07-048	<p><b>Process Automation System Lifecycle Management and Migration</b>  <i>Lawrence O'Brien, ARC Advisory Group</i>              8:00 am-8:45 am • 204B</p>
09-267	<p><b>Proven Process, Streamlined Start-Up: Lucite International's Smart Commissioning Project</b>  <i>Wade Enns, Emerson Process Management</i>              8:00 am-8:45 am • 209</p>
10-316	<p><b>Safety Requirements Specifications – Guidelines and Common Mistakes</b>  <i>Edward Marszal, Kenexis; Gary Hawkins, Emerson Process Management</i>              8:00 am-8:45 am • 210A</p>
06C-289	<p><b>Simplified Gas Chromatograph Installations and Operations with FOUNDATION fieldbus</b>  <i>Michael Gaura, Emerson Process Management</i>              8:00 am-8:45 am • 202B</p>
12-411	<p><b>Smart Wireless Technology Brings in Critical Points with Tremendous Upside Savings</b>  <i>Scott House, BP; Warren Merriman, Dennis Huey, Emerson Process Management</i>              8:00 am-8:45 am • 213B</p>
09-149	<p><b>Streamlined DeltaV Change and Testing Method</b>  <i>John Campbell, Biogen Idec</i>              8:00 am-8:45 am • 207B</p>
12-360	<p><b>Wireless – The Power Solution!</b>  <i>Ryan McIntosh, Emerson Process Management; Frank Drey, PCE Pacific</i>              8:00 am-8:45 am • 212B</p>

**Workshops**

06A-324	<p><b>Arkema Refrigerant Producer Reduces Cost to Comply with EPA Greenhouse Gas Reporting Rule Using Micro Motion Coriolis Meters with Meter Verification, AMS, and Wireless Technologies</b>  <i>Dwight Stoffel, Arkema, Inc.</i>                      9:00 am-9:45 am • 204A</p>
10-257	<p><b>Build on Your Safety Instrument System Knowledge to Achieve Best Practice for Application Safety Aspects in IEC61511 Level Safety</b>  <i>Peter Lagerlof, Hans Schriell, Emerson Process Management</i>                      9:00 am-9:45 am • 210A</p>
11-239	<p><b>Control and Maintenance Optimization Process – Petrobras Refinery REPLAN – Maintenance Contracts</b>  <i>Bruno Alexander Silva, Petrobras; Marcos Bruno Machado, Emerson Process Management</i>                      9:00 am-9:45 am • 211</p>
06A-089	<p><b>Coriolis Meters: Changing the Marine Bunker Fuel Industry</b>  <i>Tom Marian, Buffalo Marine Service, Inc.; Kevin Downey, Emerson Process Management</i>                      9:00 am-9:45 am • 203A</p>
05-003	<p><b>DeltaV Batch Product Update</b>  <i>Nathan Pettus, Dawn Marruchella, Emerson Process Management</i>                      9:00 am-9:45 am • 206A</p>
06B-456	<p><b>ERS: Bringing DP Level to New “Heights”</b>  <i>Matt Behrms, Michael Olivier, Emerson Process Management</i>                      9:00 am-9:45 am • 007D</p>
12-532	<p><b>Four for One: Increasing Process Efficiency Using Wireless Technology</b>  <i>Bill Claeys, Erachem-Comilog Inc.; Steven Moore, Emerson Process Management</i>                      9:00 am-9:45 am • 213B</p>
12-452	<p><b>Hear the Heat: Steam Trap Monitoring</b>  <i>Kerry Phillips, Armstrong International; Melissa Stiegler, Emerson Process Management</i>                      9:00 am-9:45 am • 214D</p>
06B-297	<p><b>How to Win a Custody Battle – Properly Instrumenting Custody Transfer Points for Maximum ROI</b>  <i>Kitty Elshot, Michelle Weimert, Emerson Process Management</i>                      9:00 am-9:45 am • 213A</p>
06A-401	<p><b>Innovative Technologies for Meeting GHG Monitoring Requirements</b>  <i>Alan Weldon, Hunt Refining Company; Donna McClung, Emerson Process Management</i>                      9:00 am-9:45 am • 203B</p>

**Workshops continued...**

<b>06B-382</b>	<p><b>ITK6 – What Does It Mean to You?</b>  <i>Bob Lattimer, Dale Perry, Emerson Process Management</i>                      9:00 am-9:45 am • 201</p>
<b>06B-428</b>	<p><b>Keeping a Level Head for Better Measurement Results</b>  <i>Michael Bechthold, Jay Scheldorf, Emerson Process Management</i>                      9:00 am-9:45 am • 008A</p>
<b>01B-169</b>	<p><b>Koch Nitrogen Finds Standardization Across Platforms Brings Efficiencies and Improved Productivity</b>  <i>Justin Gabehart, Koch Nitrogen Company; Anthony Burnett, Emerson Process Management</i>                      9:00 am-9:45 am • 006C</p>
<b>09-111</b>	<p><b>Make the Most of Lessons Learned – Tools and Techniques</b>  <i>Jim Carlins, Carlins Technology International LLC</i>                      9:00 am-9:45 am • 207B</p>
<b>12-308</b>	<p><b>Mobile Worker Unshackles AMS</b>  <i>John Rezabek, ISP Lima LLC</i>                      9:00 am-9:45 am • 214C</p>
<b>01B-272</b>	<p><b>No Time? No Problem! Chevron’s Largest Turnaround Delivered Despite Shortened Schedule</b>  <i>Robert W. Dye, Chevron; Brian Pitcher, Caltrol, Inc.</i>                      9:00 am-9:45 am • 006D</p>
<b>06C-127</b>	<p><b>Reducing Bias and Uncertainty in Process Gas Quality Measurements</b>  <i>Paul Holland, Effectech Ltd</i>                      9:00 am-9:45 am • 202B</p>
<b>01B-277</b>	<p><b>Root Cause Analysis Solves Downtime Dilemma and Increases Life Cycle Efficiency for Large Coal Utility</b>  <i>Ken Wolfe, Vinson Process Controls; Mark Anderson, Emerson Process Management</i>                      9:00 am-9:45 am • 007C</p>
<b>09-262</b>	<p><b>Selecting the Right FOUNDATION fieldbus Device – Interoperability or Integration?</b>  <i>David Lancaster, Trine University</i>                      9:00 am-9:45 am • 208</p>
<b>11-530</b>	<p><b>Severe Service Valve Trim Enhancement Solves Maintenance Headache, Extends Shutdown Interval</b>  <i>John Mangan, Emerson Process Management</i>                      9:00 am-9:45 am • 212A</p>
<b>10-064</b>	<p><b>SIS Final Element Diagnostics Including the SOV, Using a Digital Valve Controller</b>  <i>Chadalavada B. Chakradhaar, Elias Elias, RasGas; Riyaz Ali, Emerson Process Management</i>                      9:00 am-9:45 am • 209</p>

**Workshops continued...**

<b>06B-509</b>	<p><b>Smart Field – Does Instrumentation Really Matter?</b>  <i>Brett Morrison, Emerson Process Management</i>                      9:00 am-9:45 am • 008B</p>
<b>07-183</b>	<p><b>Tech Lead as Mentor – What? I’m Too Busy for That!</b>  <i>Terry Seanard, New England Controls, Inc.</i>                      9:00 am-9:45 am • 204B</p>
<b>11-116</b>	<p><b>Techniques Ensuing From Flow Lab Testing to Engineer Optimum Noise Reduction for Control Valve/Diffuser Combinations</b>  <i>Steve Zinda, Novaspect, Inc.; Chris Hammond, Emerson Process Management</i>                      9:00 am-9:45 am • 210B</p>
<b>12-065</b>	<p><b>The Right Bus for the Right Application: To Be or Not to Be IEC 62591 (WirelessHART®) in a Sulphuric Acid Production Plant</b>  <i>Victor Gonzalez Pacini, CEMIN; Manuel Esquivel, Emerson Process Management</i>                      9:00 am-9:45 am • 212B</p>
<b>08-341</b>	<p><b>Using PredictPro’s Optimizer to Maximize Profit From a Real-Time Electrical Purchase Agreement</b>  <i>Carl Sheehan, NORPAC Controls Ltd.</i>                      9:00 am-9:45 am • 206B</p>
<b>10-315</b>	<p><b>Using Syncade Workflow and AMS Device Manager for SIF Proof Testing on a DeltaV Smart SIS System</b>  <i>Edward Smigo, PROCONEX</i>                      9:00 am-9:45 am • 207A</p>
<b>12-252</b>	<p><b>Wireless Steam Injection and Oil Production Monitoring Project</b>  <i>Michael Fischback, Plains Exploration &amp; Production</i>                      9:00 am-9:45 am • 214B</p>
<b>12-135</b>	<p><b>Wireless Temperature Measurements Enable Smart Exchanger Maintenance</b>  <i>Robert Kerwin, ConocoPhillips; Randy Stout, Emerson Process Management</i>                      9:00 am-9:45 am • 214A</p>

### Short Courses

12-357	<p><b>Major Pharmaceutical Company Uses Emerson Smart Wireless to Meet FDA Requirements</b>  <i>Aldo Cue, Pfizer Pharmaceuticals; Fausto Mosquera, Emerson Process Management</i>                      10:00 am-11:30 am • 003A</p>
02-491	<p><b>Managing Electronic Logs and Equipment Status with Syncade ET</b>  <i>Catherine Tabor, Emerson Process Management</i>                      10:00 am-11:30 am • 002B</p>
01B-505	<p><b>Using Diagnostics From Intelligent Motor Controls and AMS Device Manager to Supplement and Expand Traditional Machinery Monitoring Techniques</b>  <i>Nick Garrett, Emerson Process Management</i>                      10:00 am-11:30 am • 003B</p>

### Workshops

09-088	<p><b>A Case Study Showing the Good, the Bad, and the Ugly of Selecting Your Vendor Before FEED</b>  <i>Mark Showler, BP; Raoul Mercer, Emerson Process Management</i>                      10:00 am-10:45 am • 207A</p>
06B-096	<p><b>Achieving Redundant Intrinsically-Safe Fieldbus Segments for Fisco and Entity Devices</b>  <i>Harry Wilson, Moore Industries</i>                      10:00 am-10:45 am • 202A</p>
09-091	<p><b>CCTV: Not Just for Cops and Robbers</b>  <i>Manuel Hernandez, Fluor Corporation</i>                      10:00 am-10:45 am • 207B</p>
09-551	<p><b>Conducting a Full Field Simulation Project in the US Mid-Continent to Improve Field Recovery</b>  <i>Waleed Fazelpour, Emerson Process Management</i>                      10:00 am-10:45 am • 208</p>
12-471	<p><b>Control Freak? Fully Wireless Control for Tomorrow</b>  <i>Nicholas Meyer, Tracy Niebeling, Kurtis Jensen, Emerson Process Management</i>                      10:00 am-10:45 am • 213B</p>
06A-333	<p><b>Danisco's Implementation of GWR in Liquid Nitrogen Reactor Enables Automation and Maximizes Process Efficiency</b>  <i>John Sanders, Emerson Process Management</i>                      10:00 am-10:45 am • 203B</p>
10-107	<p><b>DeltaV SIS in the Heat of the Desert</b>  <i>David Walker, Emerson Process Management; Farrukh Chawla, Saudi Aramco</i>                      10:00 am-10:45 am • 210A</p>

**Workshops continued...**

<b>11-177</b>	<p><b>FIELDVUE DVCs Help Increase Efficiency and Uptime for Air Separation Plants</b>  <i>Mike Lieberg, Emerson Process Management</i>                      10:00 am-10:45 am • 210B</p>
<b>01B-404</b>	<p><b>FOUNDATION fieldbus Error Detection and Diagnostics</b>  <i>Gary Tapperson, Bernd Schuessler, Pepperl+Fuchs</i>                      10:00 am-10:45 am • 006D</p>
<b>12-523</b>	<p><b>Geothermal Field Monitoring Using Fieldbus and Wireless Instrumentation</b>  <i>Eduardo Sanchez, Comision Federal de Electricidad</i>                      10:00 am-10:45 am • 214C</p>
<b>06B-418</b>	<p><b>Great Protocols Think Alike – Profibus and FOUNDATION fieldbus Team Up on a Fascinating Application</b>  <i>Rajiv Shah, Jacobs Technology; James Powell, Seimens; Russ Muller, Emerson Process Management</i>                      10:00 am-10:45 am • 007D</p>
<b>07-529</b>	<p><b>Human-Centered Design of Operations: From the Inside Out</b>  <i>Dal Vernon Reising, Peter Bullemer, Human Centered Solutions</i>                      10:00 am-10:45 am • 007C</p>
<b>12-486</b>	<p><b>IEC 62591 (WirelessHART®) Reliability...After 100 Million Hours of Operation</b>  <i>José Gutierrez, Emerson Process Management</i>                      10:00 am-10:45 am • 214B</p>
<b>12-453</b>	<p><b>IEC 62591 (WirelessHART®) Vibration Monitoring</b>  <i>Aecio Neves, Petrobras – Brazil; Paulo Fernandes, Emerson Process Management</i>                      10:00 am-10:45 am • 212B</p>
<b>06A-342</b>	<p><b>Improvements to Separator Control and Availability at Eli Lilly Using Micro Motion Two-Wire Coriolis</b>  <i>Larell Palmer, Eli Lilly and Company; Joseph Almon, Emerson Process Management</i>                      10:00 am-10:45 am • 202B</p>
<b>06B-490</b>	<p><b>Inspect Your Gadgets: The Fundamental Features Hidden Inside Your Temperature Transmitters</b>  <i>Elizabeth C. Anderson, Emerson Process Management</i>                      10:00 am-10:45 am • 008A</p>
<b>08-288</b>	<p><b>Interesting and Useful Features of the DeltaV PID, Ratio, and Bias/Gain Control Block</b>  <i>James Beall, Emerson Process Management</i>                      10:00 am-10:45 am • 205</p>

**Workshops continued...**

<b>06B-381</b>	<p><b>Making Fieldbus Safer in Hazardous Locations</b>  <i>Philip Seward, MTL Instruments</i>                      10:00 am-10:45 am • 201</p>
<b>08-171</b>	<p><b>Making Operations Predictable Through Automation: The True Cost, Causes, and Cures of Process Variability</b>  <i>Douglas White, Emerson Process Management</i>                      10:00 am-10:45 am • 206B</p>
<b>12-231</b>	<p><b>Monitoring Essential Assets – Wirelessly</b>  <i>Gary Hawkins, Pete Sharpe, Emerson Process Management</i>                      10:00 am-10:45 am • 213A</p>
<b>01B-254</b>	<p><b>Ormen Lange Knowing That Every Valve Will Be OK Tomorrow – How Do they Do It?</b>  <i>Reidar Eikeland, Solberg &amp; Andersen AS</i>                      10:00 am-10:45 am • 006C</p>
<b>06A-112</b>	<p><b>Pipe Dreams: Save Money and Improve Measurements with Compact DP Flow Technology</b>  <i>Toshihiro Iwao, Chiyoda Corporation; Emily Vinella, Russ Evans, Emerson Process Management</i>                      10:00 am-10:45 am • 203A</p>
<b>10-203</b>	<p><b>RockTenn's BMS Project Uses DeltaV SIS</b>  <i>Gary Northam, RockTenn</i>                      10:00 am-10:45 am • 209</p>
<b>08-134</b>	<p><b>Solving Loop Interactions in a New LNG Train Using Combined Emerson Tools</b>  <i>Mark Coughran, Emerson Process Management</i>                      10:00 am-10:45 am • 206A</p>
<b>08-084</b>	<p><b>Sustaining and Extending Advanced Control Value in an Operating Plant</b>  <i>Kaylynn Johnston, Goodyear Chemical; Jon Cimino, Scallon Controls</i>                      10:00 am-10:45 am • 204B</p>
<b>12-552</b>	<p><b>Tattletales Will Tell “No Tales, No More”: How IEC 62591 (WirelessHART®) Improves Safety and Reliability at Oxy Vinyls BCM Facility</b>  <i>Tracey Harbison, Oxy Chemical; Jeff Welborn, Emerson Process Management</i>                      10:00 am-10:45 am • 214A</p>
<b>11-038</b>	<p><b>Valve Testing Standards Result in Higher Performance</b>  <i>Eric Kuebler, Emerson Process Management</i>                      10:00 am-10:45 am • 211</p>
<b>11-222</b>	<p><b>What is Better? HART Communications or a Thousand Feet of Wire?</b>  <i>Jeff VonAhnen, Emerson Process Management</i>                      10:00 am-10:45 am • 212A</p>

## Product Roadmaps

<b>RM-591</b>	<p><b>Asset Optimization Services</b>  <i>Augie DiGiovanni, Dan Stedham, Emerson Process Management</i>                      11:00 am-12:00 pm • 201</p>
<b>RM-589</b>	<p><b>DeltaV SIS</b>  <i>Mike Boudreaux, Keith Bellville, Emerson Process Management</i>                      11:00 am-12:00 pm • 203A</p>
<b>RM-586</b>	<p><b>Fisher Controls/Valve Automation/TopWorx/Regulators</b>  <i>Danny Nelson, Bruce Quernemoen, Emerson Process Management</i>                      11:00 am-12:00 pm • 202B</p>
<b>RM-588</b>	<p><b>Syncade</b>  <i>Bob Lenich, Emerson Process Management</i>                      11:00 am-12:00 pm • 202A</p>

## Technology Forums

<b>TF-573</b>	<p><b>Operations Management, ISA95 Level 3</b>  <i>Jonathan Lustri, Emerson Process Management; Lou Verhagen, Akzo Nobel T&amp;E</i>                      11:00 am-12:00 pm • 007B</p>
<b>TF-572</b>	<p><b>Wireless in Process Automation</b>  <i>Bob Karschnia, Emerson Process Management</i>                      11:00 am-12:00 pm • 007A</p>

## Workshops

<b>10-489</b>	<p><b>Data Integration Between BPCS and SIS Offer Significant Engineering Savings at Novus</b>  <i>Stephen Duering, Novus</i>                      11:00 am-11:45 am • 210A</p>
<b>11-170</b>	<p><b>Fisher Control-Disk Valve Solves Temperature Control Issue in Fractionation Column</b>  <i>Tom Brandau, Emerson Process Management</i>                      11:00 am-11:45 am • 211</p>
<b>12-078</b>	<p><b>Flexible and Clean Design with Wireless Installation</b>  <i>Johan Selinder, Chematur Engineering AB</i>                      11:00 am-11:45 am • 214C</p>
<b>10-499</b>	<p><b>Hydraulic Partial Stroke and Diagnostics – Improve Safety and Reliability of Your High Pressure System Using HPSD</b>  <i>Shailesh Sharma, Steve Farmer, Emerson Process Management</i>                      11:00 am-11:45 am • 209</p>

**Workshops continued...**

06B-496	<p><b>I Can't Believe It's Not Balanced...A Better Way to Measure Level</b>  <i>Patrick Hozdic, Emerson Process Management</i>                      11:00 am-11:45 am • 008A</p>
06B-346	<p><b>Level Solutions for Refining Can Increase Safety and Reduce Maintenance – If Chosen and Installed Correctly</b>  <i>Ingemar Serneby, Patrick Carroll, Emerson Process Management</i>                      11:00 am-11:45 am • 002A</p>
01B-128	<p><b>Online Vibration Monitoring of Boiler Feedwater Pumps</b>  <i>Rick Vance, Control Dynamics; Brad Illing, Emerson Process Management</i>                      11:00 am-11:45 am • 006D</p>
12-527	<p><b>PEMEX Intelligent Field Using Wireless Technology</b>  <i>Jesus Luna, Pemex Exploracion y Produccion; Jose Manuel Arroyo, Emerson Process Management</i>                      11:00 am-11:45 am • 212A</p>
11-273	<p><b>Salvaging a Start-Up: Recovery and Repair Save the Day for Chevron</b>  <i>Marc Higley, Emerson Process Management; Brian Pitcher, Caltrol, Inc.; Robert W. Dye, Chevron</i>                      11:00 am-11:45 am • 210B</p>
12-227	<p><b>Smart Wireless and Ultrasonic Technology Generates \$4M in Incremental Sales and Reduces Maintenance Costs by 62% at Tecpetrol</b>  <i>Odin Fernandez, Tecpetrol; Guido Mangieri, Solange Fornabaio, Emerson Process Management</i>                      11:00 am-11:45 am • 213A</p>
09-185	<p><b>So Why Would an EPC Want to Ever Use CHARMS?</b>  <i>Vincent Grindlay, Fluor; Tim Vann, Chris Hamlin, Emerson Process Management</i>                      11:00 am-11:45 am • 214D</p>
01B-268	<p><b>Soup to Nuts: Turnkey Solution Offers Full-Service Innovation for Increased Reliability</b>  <i>Walter Viereck, PCE Pacific; Wade Enns, Emerson Process Management</i>                      11:00 am-11:45 am • 006C</p>
01B-140	<p><b>Stop Playing Maintenance Guessing Games with Radar Level by Using Advanced Signal Quality Diagnostics</b>  <i>Lori Egbers, Winton Roberds, Emerson Process Management</i>                      11:00 am-11:45 am • 007C</p>
09-421	<p><b>System Integrators Scope of Work</b>  <i>Ric Ware, Fluor</i>                      11:00 am-11:45 am • 208</p>

**Workshops continued...**

06B-431	<p><b>Tank Level Surprisingly High?</b>  <i>Steve Newton, Emerson Process Management</i>                      11:00 am-11:45 am • 008B</p>
06B-162	<p><b>Use of Smart Plant Instrumentation (SPI) in Factory Acceptance Testing</b>  <i>Will Merrill, Fluor</i>                      11:00 am-11:45 am • 007D</p>
12-464	<p><b>Using Wireless to Solve the Challenges of Remotely Located Tank Farm</b>  <i>Greg Bremer, Lubrizol; Bradley Orsak, Emerson Process Management</i>                      11:00 am-11:45 am • 213B</p>
12-125	<p><b>Utilizing AMS Software to Plan a Wireless Network</b>  <i>John Kuloszewski, Emerson Process Management</i>                      11:00 am-11:45 am • 214B</p>
12-454	<p><b>Wireless Monitoring of pH to Meet EPA-Regulated Effluent Requirements at Plant Perimeter</b>  <i>Pete Anson, Emerson Process Management</i>                      11:00 am-11:45 am • 214A</p>
12-265	<p><b>Wireless Wonder: An Infrastructure for Communication, Safety, and Success</b>  <i>Arlo Greiss, Emerson Process Management; Jeff Vodovis, DuPont</i>                      11:00 am-11:45 am • 212B</p>

Product Roadmaps	
RM-589	<b>DeltaV SIS</b> <i>Mike Boudreaux, Keith Bellville, Emerson Process Management</i> 1:15 pm-2:15 pm • 203A
RM-586	<b>Fisher Controls/Valve Automation/TopWorx/Regulators</b> <i>Danny Nelson, Bruce Quernemoen, Emerson Process Management</i> 1:15 pm-2:15 pm • 202B
Technology Forums	
TF-574	<b>Safety Lifecycle Management</b> <i>Bob Lenich, Emerson Process Management; Edward Smigo, PROCONEX</i> 1:15 pm-2:15 pm • 007A
TF-575	<b>Smart Instrumentation</b> <i>Randy Balentine, Bob Lattimer, Emerson Process Management</i> 1:15 pm-2:15 pm • 007B
Certified Short Courses	
13-026	<b>Coriolis Installation Best Practices and Smart Meter Verification</b> <i>Anthony Gentile, Steve Lopez, Tim Cunningham, Emerson Process Management</i> 1:15 pm-5:15 pm • 101A
13-555	<b>DeltaV S-Series Electronic Marshalling</b> <i>Mark Dimmitt, Emerson Process Management</i> 1:15 pm-5:15 pm • 102B
13-387	<b>Installing, Configuring, and Commissioning the DVC6200 with ValveLink Mobile on the 375/475 Field Communicator</b> <i>Steve Hagen, Ron Hager, Emerson Process Management</i> 1:15 pm-5:15 pm • 103B
13-154	<b>Practical Loop Tuning Using Lambda Tuning Method</b> <i>Norman Ito, Andrew Waite, Emerson Process Management</i> 1:15 pm-5:15 pm • 102A
13-080	<b>Self-Organizing Wireless Network Setup – Course 2375EX</b> <i>Paul Anderson, Mark Sagstetter, Emerson Process Management</i> 1:15 pm-5:15 pm • 101B

### Short Courses

01B-420	<p><b>Advanced Pressure Diagnostics in Any System Environment</b>  <i>Bill Zhou, John Miller, Paul Schmeling, Emerson Process Management</i>                      1:15 pm-2:45 pm • 002B</p>
02-214	<p><b>Beyond I/O: ISA95 Level 3 and Manufacturing Operations Management</b>  <i>Jonathan Lustrì, Emerson Process Management</i>                      1:15 pm-2:45 pm • 002A</p>
03-077	<p><b>Control Loop Foundation – Batch and Continuous Processes</b>  <i>Terry Blevins, Mark Nixon, Emerson Process Management</i>                      1:15 pm-4:15 pm • 003B</p>
11-386	<p><b>Control Valve Troubleshooting and Performance Tracking – There’s an App for That</b>  <i>Mark Petruccelli, Shawn Anderson, Matt Estabrook, Emerson Process Management</i>                      1:15 pm-2:45 pm • 006C</p>
12-189	<p><b>Deploying Wireless in the Process Industries</b>  <i>Chris Hamlin, Ann Robin, Emerson Process Management</i>                      1:15 pm-2:45 pm • 214D</p>
01B-519	<p><b>Get Wired into Wireless Vibration: A Primer on the Tools, Techniques, and Applications</b>  <i>Robert Skeirik, Thomas Wewers, Emerson Process Management</i>                      1:15 pm-2:45 pm • 006A</p>
01B-553	<p><b>How to Create a Reliability Program</b>  <i>John Thibodeaux, Marcus Rideaux, Kirk Atkins, The Dow Chemical Company</i>                      1:15 pm-2:45 pm • 006B</p>
07-033	<p><b>How to Justify New “Smart” Automation Investments</b>  <i>Douglas White, Edward Schodowski, Emerson Process Management</i>                      1:15 pm-3:15 pm • 007D</p>
12-163	<p><b>Smart Wireless Vision, Opportunities, and Solutions</b>  <i>Neil Peterson, Lara Kauchak, Emerson Process Management</i>                      1:15 pm-2:45 pm • 003A</p>

### Workshops

12-345	<p><b>Advanced Wireless Application for Critical Service Valves</b>  <i>Robert Schaaf, Aera Energy LLC; Matthew Hoven, Emerson Process Management</i>                      1:15 pm-2:00 pm • 212B</p>
11-473	<p><b>Application Expertise Results in Big Savings</b>  <i>Brandon Howard, Emerson Process Management; Jacob Flamm, Vinson Process Controls</i>                      1:15 pm-2:00 pm • 211</p>

**Workshops continued...**

<b>06B-365</b>	<p><b>Battle Royale – HART 7 vs. FOUNDATION fieldbus</b>  <i>Dale Perry, Emerson Process Management</i>                      1:15 pm-2:00 pm • 008B</p>
<b>12-513</b>	<p><b>Blast Furnace Nozzle Monitoring Using Wireless Transmitters</b>  <i>Celso Yanez, ArcelorMittal Lazaro Cardenas; Jose Manuel Arroyo, Emerson Process Management</i>                      1:15 pm-2:00 pm • 212A</p>
<b>01B-326</b>	<p><b>Cost Savings Realized Using Larger Diameter Tubing and Mechanical Fittings vs. Traditional Methods</b>  <i>Tim Coleman, Kansas City Valve &amp; Fitting Co.</i>                      1:15 pm-2:00 pm • 006D</p>
<b>12-461</b>	<p><b>Does Anyone Hear Me? Your Plant is Crying Out for Help</b>  <i>Melissa Stiegler, Emerson Process Management</i>                      1:15 pm-2:00 pm • 214C</p>
<b>10-193</b>	<p><b>Embracing New Technology...Replacing Triconex with DeltaV SIS</b>  <i>Dan Addison, Terra Industries; John Fuller, R.S. Stover Company</i>                      1:15 pm-2:00 pm • 209</p>
<b>12-299</b>	<p><b>Every Drop Counts – Getting the Most Out of Your Refinery with Wireless</b>  <i>Wally Baker, Emerson Process Management</i>                      1:15 pm-2:00 pm • 214A</p>
<b>07-494</b>	<p><b>How an Alliance with Emerson Can Increase Value Delivered</b>  <i>Don Scharringhausen, Puffer-Sweiven; Dino DeSalvo, LyondellBasell Industries</i>                      1:15 pm-2:00 pm • 007C</p>
<b>12-554</b>	<p><b>Monitoring Explosion Hazards with Wireless and FOUNDATION fieldbus</b>  <i>Larry Link, Novaspect, Inc.</i>                      1:15 pm-2:00 pm • 214B</p>
<b>06B-179</b>	<p><b>Radar Technology Has Increased Accuracy and Reliability Eliminating Potential of Costly Fines From the City Municipality!</b>  <i>Jim Raiders, EKA Chemical; Pete Ronhovde, Emerson Process Management</i>                      1:15 pm-2:00 pm • 008A</p>
<b>12-225</b>	<p><b>Smart Wireless Measurement Avoids Shutdown of a 16MW Rotating SAG Mill at Newmont's Minera Yanacocha Complex</b>  <i>Guido Mangieri, Emerson Process Management</i>                      1:15 pm-2:00 pm • 213A</p>
<b>11-153</b>	<p><b>Successful Refinery Noise Reduction – ISOMAX Quench Valves</b>  <i>Daniel Eilers, Emerson Process Management; Robert W. Dye, Chevron; Brian Pitcher, Caltrol, Inc.</i>                      1:15 pm-2:00 pm • 210B</p>

**Short Courses**

**05-098** **DeltaV Operate Product Update**  
*Cindy Scott, Molly Firkins, Emerson Process Management*  
 2:15 pm-3:45 pm • 008B

**Workshops**

**11-389** **40 Years Later and Valero Benicia is Still Utilizing Fisher's 7600 Butterfly Valve**  
*Chase Cookman, Emerson Process Management*  
 2:15 pm-3:00 pm • 211

**08-240** **Advanced Process Control Strategy with MPC Applied to the Crashing Process in the Copper Extraction**  
*Daniel Silva, Minera Los Pelambres; Felipe Contreras, Ineco*  
 2:15 pm-3:00 pm • 204B

**06B-030** **Are You a "Process Whisperer"? Best Practices for Successful Process Diagnostics with Fast Sampling Pressure Transmitters**  
*Roger Pihlaja, Emerson Process Management*  
 2:15 pm-3:00 pm • 202B

**10-184** **Burner Management – A Straightforward Approach Using DeltaV SIS for Typical Systems**  
*David Sheppard, Emerson Process Management*  
 2:15 pm-3:00 pm • 210A

**07-355** **Business Case for the Assessment of DeltaV and Wireless in Oil and Gas Greenfield and Brownfield Projects**  
*David Newman, Emerson Process Management*  
 2:15 pm-3:00 pm • 204A

**12-301** **Data Integration Solutions in the Enhanced Oil Recovery Industry Utilizing Rosemount Wireless Technology and ProGauge Data Management Technologies**  
*Christopher Angelo, ProGauge Technologies, Inc.*  
 2:15 pm-3:00 pm • 213B

**06C-449** **Discrete Control Solutions Using Multi-Parameter Analyzers**  
*Jim Gray, Dave Anderson, Emerson Process Management*  
 2:15 pm-3:00 pm • 202A

**06A-393** **DP Flow for Dummies: Common Mistakes to Avoid**  
*Kitty Elshot, Steve Ifft, Emerson Process Management*  
 2:15 pm-3:00 pm • 203A

**12-159** **Emerson Smart Wireless Solution Ensures On-Time Installation**  
*Wayne Wauson, Atlas Pipeline; Dennis Huey, Elliot Yansuk, Emerson Process Management; Jim T aylor, Vinson Process Controls*  
 2:15 pm-3:00 pm • 212B

**Workshops continued...**

<b>06A-100</b>	<p><b>Fiscal and Allocation Measurement Philosophy for an Ultra Large Refinery in Asia Using Over Eighty Liquid Ultrasonic Meters – A Case Study</b>  <i>Trilochan Gupta, Emerson Process Management</i>                      2:15 pm-3:00 pm • 203B</p>
<b>08-495</b>	<p><b>Food Plant Waste Stream Turned to Profit</b>  <i>John MacIsaac, McCain Foods – Canada; Michel Portelance, Laurentide Controls Ltd.; Robert Sabin, Emerson Process Management</i>                      2:15 pm-3:00 pm • 205</p>
<b>09-374</b>	<p><b>Harnessing Your Experts' Knowledge for Sustainable Competitive Advantage</b>  <i>David Hyde, Aaron Crews, Emerson Process Management</i>                      2:15 pm-3:00 pm • 206B</p>
<b>10-093</b>	<p><b>How to Avoid Shooting Yourself in the Foot with Your SIS</b>  <i>Maruti Dey, Emerson Process Management</i>                      2:15 pm-3:00 pm • 209</p>
<b>12-059</b>	<p><b>Lixiviation Performance Monitoring with Smart Wireless Technology at Barrick Zaldivar</b>  <i>Juan Carlos Alvarez, Barrick</i>                      2:15 pm-3:00 pm • 214B</p>
<b>06B-317</b>	<p><b>Measuring Critical Temperatures Using High Density Transmitters</b>  <i>Mike Pearson, Jim Cobb, Emerson Process Management</i>                      2:15 pm-3:00 pm • 208</p>
<b>07-467</b>	<p><b>Meridium and Emerson Partnership Helps Improve Plant Availability and Performance Through Enhanced Asset Management</b>  <i>Bob Francis, Meridium, Inc.; Augie DiGiovanni, Emerson Process Management</i>                      2:15 pm-3:00 pm • 007C</p>
<b>08-437</b>	<p><b>Model Predictive Control for Integrating Processes</b>  <i>Lou Heavner, Emerson Process Management</i>                      2:15 pm-3:00 pm • 206A</p>
<b>11-549</b>	<p><b>Optimizing Plant Performance Using Predictive Diagnostics via Digital Valve Controller Mounted on Control Valve</b>  <i>Sunil Potdar, ExxonMobil Development Co.; Riyaz Ali, Emerson Process Management</i>                      2:15 pm-3:00 pm • 210B</p>
<b>09-058</b>	<p><b>Reducing the Engineering Cost</b>  <i>Frank Joop, Intergraph</i>                      2:15 pm-3:00 pm • 207B</p>
<b>12-242</b>	<p><b>Smart Wireless Technology Applied to Electrolytic Refining in the M&amp;M Industry</b>  <i>Herman Alday, Codelco Ventanas; Christian Cacciavillani, Emerson Process Management; Ivan Perez, Ineco</i>                      2:15 pm-3:00 pm • 212A</p>

**Workshops continued...**

12-205	<p><b>Solid Drain Waste System</b>  <i>Márcia Ribeiro, Alunorte</i>                  2:15 pm-3:00 pm • 214C</p>
06B-366	<p><b>Temperature Monitoring and Control of Reactor Performance</b>  <i>Walter Tijmes, Daily Thermetics</i>                  2:15 pm-3:00 pm • 201</p>
12-409	<p><b>Threat Level Orange: Department of Homeland Security Evaluates Emerson's Smart Wireless</b>  <i>Marty Edwards, INL – DHS Control Systems Security Program; Jeff Potter, Emerson Process Management</i>                  2:15 pm-3:00 pm • 213A</p>
03-113	<p><b>Using FlexConnect to Migrate Your Legacy DCS to DeltaV</b>  <i>Dan Jacobsmeyer, Alice Stewart, Emerson Process Management</i>                  2:15 pm-3:00 pm • 214A</p>
06B-024	<p><b>Your Overfill Alarm Doesn't Howl Very Often – Are You Sure It's Alert?</b>  <i>Ulf Johannesson, Emerson Process Management</i>                  2:15 pm-3:00 pm • 008A</p>

**Workshops**

<b>06B-075</b>	<p><b>A Journey of 1st Generation Mechanical Level Indication to Cutting Edge Technology of Radar Type Level System in Tank Farm Unit at Reliance, Patalganga, India</b>  <i>Sanjay Ghiya, Reliance Industries Limited</i>                      3:15 pm-4:00 pm • 006B</p>
<b>09-412</b>	<p><b>AS-I Integrating Low-Cost Discretes Using a Low-Cost Method</b>  <i>David Fink, Gary Tapperson, Helge Hornis, Pepperl+Fuchs</i>                      3:15 pm-4:00 pm • 207A</p>
<b>09-158</b>	<p><b>Best Practices for a Smooth Engineering and Successful Startup of FOUNDATION fieldbus Projects</b>  <i>Krishnan Murali, Emerson Process Management</i>                      3:15 pm-4:00 pm • 207B</p>
<b>12-478</b>	<p><b>Budget and Schedule Savings Using Wireless Steam Injection Flow Monitoring</b>  <i>Andrew Dennant, Emerson Process Management</i>                      3:15 pm-4:00 pm • 212A</p>
<b>06C-536</b>	<p><b>Challenges of Integrating Analyzers Systems in Integrated Process Control</b>  <i>Romel Bhullar, Fluor Corporation</i>                      3:15 pm-4:00 pm • 202A</p>
<b>06B-423</b>	<p><b>Cold Climates – New Best Practices for Steam Flow and Other Measurements</b>  <i>Mark Menezes, Emerson Process Management</i>                      3:15 pm-4:00 pm • 008A</p>
<b>11-557</b>	<p><b>Control Valves and Regulators for the Pharmaceutical Industry</b>  <i>Leveque Christophe, Emerson Process Management</i>                      3:15 pm-4:00 pm • 211</p>
<b>12-223</b>	<p><b>Cost-Effective Means for Wireless Liquid Hydrocarbon Leak Detection</b>  <i>Tracy Niebeling, Emerson Process Management; Ken McCoy, Tyco Thermal Controls</i>                      3:15 pm-4:00 pm • 214C</p>
<b>12-524</b>	<p><b>DeltaV Plus DeltaV Vibration – Case Histories on Integrating Vibration into a Process Automation System</b>  <i>Robert Skeirik, Emerson Process Management</i>                      3:15 pm-4:00 pm • 214D</p>
<b>06B-330</b>	<p><b>Demystifying Guided Wave Radar</b>  <i>Andreas Hessel, Ingemar Serneby, Emerson Process Management</i>                      3:15 pm-4:00 pm • 002A</p>
<b>06A-397</b>	<p><b>Don't Let Steam Measurement Get You Hot Under Your Collar</b>  <i>Paul Deegan, Emily Vinella, Emerson Process Management</i>                      3:15 pm-4:00 pm • 203A</p>

**Workshops continued...**

<b>06B-146</b>	<p><b>EDDL Enhancements and Device Dashboards Are the Building Blocks for Easy Commissioning and Valuable Level Diagnostics</b>  <i>Tim Chettle, Lori Egbers, Emerson Process Management</i>                      3:15 pm-4:00 pm • 006A</p>
<b>06B-106</b>	<p><b>Emerson Interfaces to Smart Plant Instrumentation</b>  <i>John Dressel, Fluor</i>                      3:15 pm-4:00 pm • 204A</p>
<b>10-234</b>	<p><b>Fire and Gas (FGS) Solutions with DeltaV SIS</b>  <i>Rafael Lachmann, Emerson Process Management</i>                      3:15 pm-4:00 pm • 210A</p>
<b>06B-022</b>	<p><b>FOUNDATION fieldbus, Faster, Safer, More Reliable Plants</b>  <i>Travis Hesketh, Emerson Process Management</i>                      3:15 pm-4:00 pm • 006C</p>
<b>09-544</b>	<p><b>How Range Fuels Partnered with Emerson and Benefitted From the Main Automation Contractor Approach to Project Execution</b>  <i>Rod McAdams, Emerson Process Management</i>                      3:15 pm-4:00 pm • 208</p>
<b>08-506</b>	<p><b>Increases Plant Profits and Savings Through Optimum Process Controls</b>  <i>Fernando Otero, Optimo Group Inc.</i>                      3:15 pm-4:00 pm • 206A</p>
<b>08-457</b>	<p><b>Model Predictive Control: Not Just for Large Systems</b>  <i>Paul Pathasema, Ascend Performance Materials</i>                      3:15 pm-4:00 pm • 206B</p>
<b>06B-395</b>	<p><b>New Sand Management System Integrates Erosion Based and Acoustic Sensors Alongside a New Generation Sand Management Software – An Operator Example</b>  <i>Sean Hopkins, Kjell Wold, Emerson Process Management</i>                      3:15 pm-4:00 pm • 002B</p>
<b>08-173</b>	<p><b>Quick Hit Financial Benefit of SmartProcess Application</b>  <i>Thomas Novotny, Citgo Lemont Refinery; Gary Hawkins, Emerson Process Management</i>                      3:15 pm-4:00 pm • 205</p>
<b>06A-460</b>	<p><b>Remote Steam Monitoring for District Energy Distribution</b>  <i>Andrew Wilcox, Enwave Energy Corporation; Paul Cieri, Lakeside Process Controls</i>                      3:15 pm-4:00 pm • 202B</p>

**Workshops continued...**

08-237	<p><b>Temperature Expert Control System for a Copper Smelter Furnace at Southern Copper Corporation (SCC)</b>  <i>Walter Flores, Jorge Vasquez, Southern Copper Corporation (SCC); Guido Mangieri, Emerson Process Management</i>                      3:15 pm-4:00 pm • 204B</p>
12-201	<p><b>THUM's Up! Wireless Troubleshooting of Intermittent Upsets</b>  <i>Steven Moore, Emerson Process Management; David Mabus, Kimberly Clark</i>                      3:15 pm-4:00 pm • 212B</p>
11-056	<p><b>Unique Application, Control Valve Solutions, and System Testing Requirements for the Residual Heat Removal System in the Westinghouse AP1000 Next Generation Nuclear Plant</b>  <i>Nicki Ahrens, Emerson Process Management</i>                      3:15 pm-4:00 pm • 210B</p>
06B-162	<p><b>Use of Smart Plant Instrumentation (SPI) in Factory Acceptance Testing</b>  <i>Will Merrill, Fluor</i>                      3:15 pm-4:00 pm • 006D</p>
06A-487	<p><b>Use of Ultrasonic Flowmeters in Liquefied Natural Gas (LNG) Custody Transfer Applications – New Challenges, New Solutions</b>  <i>Tom Mooney, Emerson Process Management</i>                      3:15 pm-4:00 pm • 203B</p>
12-414	<p><b>What Do You Know About Wireless DP Flow? Explore the Possibilities for Incorporating Wireless into Your DP Flow Applications</b>  <i>Nathan Stokes, Kyle Nelson, Emerson Process Management</i>                      3:15 pm-4:00 pm • 213A</p>
10-092	<p><b>What Now? More Standards for Safety and Regulatory Compliance</b>  <i>Mike Schmidt, Bluefield Process Safety, LLC; Chuck Miller, Emerson Process Management</i>                      3:15 pm-4:00 pm • 209</p>
06B-383	<p><b>What's the Buzz? Wake Frequency Calculations and What You Need to Know</b>  <i>Alex Cecchini, Emerson Process Management</i>                      3:15 pm-4:00 pm • 003A</p>
12-465	<p><b>Wi-Fi Asset Tracking and Management</b>  <i>Saurabh Pradhan, Trapeze Networks – A Belden Brand; Rick Pennavaria, Belden, Inc.</i>                      3:15 pm-4:00 pm • 213B</p>
12-196	<p><b>Wireless Conductivity and pH Measurements for Optimization of Carbon Capture</b>  <i>Robert Montgomery, University of Texas; Gregory McMillan, Emerson Process Management</i>                      3:15 pm-4:00 pm • 201</p>

**Workshops continued...**

<b>12-293</b>	<b>Wireless Vibration Solution to Maintain Process in a Power Plant</b> <i>Sunju Hwang, Emerson Process Management</i> 3:15 pm-4:00 pm • 214B
<b>07-040</b>	<b>You Too Are Selling – How to Sell Your Ideas Internally</b> <i>David Kraft, Emerson Process Management</i> 3:15 pm-4:00 pm • 007C

### Certified Short Courses

13-560	<b>DeltaV Graphics</b> <i>Troy Nelson, Emerson Process Management</i> 8:00 am-12:00 pm • 102B
13-564	<b>Fundamentals of Vibration Analysis</b> <i>Ron Vowell, Emerson Process Management</i> 8:00 am-12:00 pm • 101B
13-154	<b>Practical Loop Tuning Using Lambda Tuning Method</b> <i>Norman Ito, Andrew Waite, Emerson Process Management</i> 8:00 am-12:00 pm • 102A
13-391	<b>Using ValveLink Mobile for DVC Setup, Configuration, and Diagnostics</b> <i>William Raymond, Brent Baker, Emerson Process Management</i> 8:00 am-12:00 pm • 103B

### Short Courses

01B-519	<b>Get Wired into Wireless Vibration: A Primer on the Tools, Techniques, and Applications</b> <i>Robert Skeirik, Thomas Wewers, Emerson Process Management</i> 8:00 am-9:30 am • 003B
01B-553	<b>How to Create a Reliability Program</b> <i>John Thibodeaux, Marcus Rideaux, Kirk Atkins, The Dow Chemical Company</i> 8:00 am-9:30 am • 003A

### Workshops

01A-035	<b>A Power Plant's Ten-Year AMS Saga: Transition to Online AMS Device Manager From a Stand-Alone Laptop to Multiplexers to the Ovation Interface</b> <i>Todd Gordon, We Energies – Valley Power Plant</i> 8:00 am-8:45 am • 006C
08-240	<b>Advanced Process Control Strategy with MPC Applied to the Crashing Process in the Copper Extraction</b> <i>Daniel Silva, Minera Los Pelambres; Felipe Contreras, Ineco</i> 8:00 am-8:45 am • 207A
12-345	<b>Advanced Wireless Application for Critical Service Valves</b> <i>Robert Schaaf, Aera Energy LLC; Matthew Hoven, Emerson Process Management</i> 8:00 am-8:45 am • 212A
06A-398	<b>Advantages of Two Phase Flow Metering Using Roxar Watercut Meters Together with Micro Motion Coriolis Flow Meters and Future Potential</b> <i>Sean Hopkins, Christopher Connor, Emerson Process Management</i> 8:00 am-8:45 am • 206A

**Workshops continued...**

11-473	<p><b>Application Expertise Results in Big Savings</b>  <i>Brandon Howard, Emerson Process Management; Jacob Flamm, Vinson Process Controls</i>                      8:00 am-8:45 am • 210B</p>
02-563	<p><b>Commercial and Technical Benefits Through Early MAC Supplier Selection for World-Class Grassroots Ammonia Plant</b>  <i>Mike Barthelemy, KBR Energy and Chemicals Group; Brian Nordmann, Emerson Process Management</i>                      8:00 am-8:45 am • 007A</p>
04-054	<p><b>DeltaV Alarm Paging Using OPC and GPRS Modem</b>  <i>Ajay Bhilegaonkar, Bristol-Meyers Squibb</i>                      8:00 am-8:45 am • 007D</p>
06A-393	<p><b>DP Flow for Dummies: Common Mistakes to Avoid</b>  <i>Kitty Elshot, Steve Ifft, Emerson Process Management</i>                      8:00 am-8:45 am • 205</p>
02-186	<p><b>Electronic Workflow for a Bioreactor</b>  <i>Joe Maguire, BMS; Christie Deitz, Emerson Process Management</i>                      8:00 am-8:45 am • 006D</p>
10-193	<p><b>Embracing New Technology...Replacing Triconex with DeltaV SIS</b>  <i>Dan Addison, Terra Industries; John Fuller, R.S. Stover Company</i>                      8:00 am-8:45 am • 209</p>
06B-456	<p><b>ERS: Bringing DP Level to New "Heights"</b>  <i>Matt Behrns, Michael Olivier, Emerson Process Management</i>                      8:00 am-8:45 am • 006A</p>
04-028	<p><b>Guardian for the Average User</b>  <i>Ryan Showers, Vinson Process Controls</i>                      8:00 am-8:45 am • 201</p>
04-118	<p><b>Guidelines for Setting Filtering and Module Execution Rate</b>  <i>Terry Blevins, Kent Burr, Emerson Process Management</i>                      8:00 am-8:45 am • 007C</p>
06B-329	<p><b>How Process Insight Leads to Actionable Information at Mitsubishi Chemical</b>  <i>Takayuki Aoyama, Mitsubishi Chemical Company; Bill Zhou, Emerson Process Management</i>                      8:00 am-8:45 am • 204A</p>
01B-432	<p><b>How to Set Up Plugged Impulse Line Advanced Pressure Diagnostics Using FOUNDATION fieldbus and DeltaV</b>  <i>John Miller, Paul Schmeling, Emerson Process Management</i>                      8:00 am-8:45 am • 206B</p>

**Workshops continued...**

<b>01A-221</b>	<p><b>It Takes a Big Tool Box to Keep Critical Plant Assets Available – Our Main Tools Are AMS Device Manager and ValveLink</b>  <i>Joel Holmes, Monsanto Company; Steve Hagen, Emerson Process Management</i>              8:00 am-8:45 am • 006B</p>
<b>01B-169</b>	<p><b>Koch Nitrogen Finds Standardization Across Platforms Brings Efficiencies and Improved Productivity</b>  <i>Justin Gabehart, Koch Nitrogen Company; Anthony Burnett, Emerson Process Management</i>              8:00 am-8:45 am • 008A</p>
<b>06B-372</b>	<p><b>Level Solutions for Power Can Increase Plant Efficiency – If Chosen and Installed Correctly</b>  <i>Milan Goldmann, Sarah Parker, Emerson Process Management</i>              8:00 am-8:45 am • 203B</p>
<b>08-171</b>	<p><b>Making Operations Predictable Through Automation – The True Cost, Causes, and Cures of Process Variability</b>  <i>Douglas White, Emerson Process Management</i>              8:00 am-8:45 am • 202A</p>
<b>06B-157</b>	<p><b>Measuring Levels in Highly Dynamic Petroleum Processes</b>  <i>Wayne Buhler, Emerson Process Management</i>              8:00 am-8:45 am • 203A</p>
<b>12-554</b>	<p><b>Monitoring Explosion Hazards with Wireless and FOUNDATION fieldbus</b>  <i>Larry Link, Novaspect, Inc.</i>              8:00 am-8:45 am • 214A</p>
<b>02-085</b>	<p><b>OPC Connectivity Options: OPC, Xi, and UA</b>  <i>Eric Murphy, Matrikon OPC</i>              8:00 am-8:45 am • 007B</p>
<b>01B-254</b>	<p><b>Ormen Lange Knowing That Every Valve Will Be OK Tomorrow – How Do They Do It?</b>  <i>Reidar Eikeland, Solberg &amp; Andersen AS</i>              8:00 am-8:45 am • 008B</p>
<b>05-327</b>	<p><b>Product Update: S-Series Hardware</b>  <i>Andre Dicaire, Emerson Process Management</i>              8:00 am-8:45 am • 202B</p>
<b>06B-431</b>	<p><b>Tank Level Surprisingly High?</b>  <i>Steve Newton, Emerson Process Management</i>              8:00 am-8:45 am • 204B</p>

**Workshops continued...**

<b>12-409</b>	<p><b>Threat Level Orange: Department of Homeland Security Evaluates Emerson's Smart Wireless</b>  <i>Marty Edwards, INL – DHS Control Systems Security Program; Jeff Potter, Emerson Process Management</i>                      8:00 am-8:45 am • 212B</p>
<b>10-315</b>	<p><b>Using Syncade Workflow and AMS Device Manager for SIF Proof Testing on a DeltaV Smart SIS System</b>  <i>Edward Smigo, PROCONEX</i>                      8:00 am-8:45 am • 210A</p>
<b>11-222</b>	<p><b>What is Better? HART Communications or a Thousand Feet of Wire?</b>  <i>Jeff VonAhnen, Emerson Process Management</i>                      8:00 am-8:45 am • 211</p>
<b>06B-383</b>	<p><b>What's the Buzz? Wake Frequency Calculations and What You Need to Know</b>  <i>Alex Cecchini, Emerson Process Management</i>                      8:00 am-8:45 am • 207B</p>

**Workshops**

11-389	<b>40 Years Later and Valero Benicia is Still Utilizing Fisher's 7600 Butterfly Valve</b> <i>Chase Cookman, Emerson Process Management</i> 9:00 am-9:45 am • 210B
05-187	<b>A PAT Solution for Pharmaceutical Manufacturing</b> <i>David Rehbein, Emerson Process Management</i> 9:00 am-9:45 am • 202A
01A-009	<b>Asset Optimization and Instrument Maintenance Strategies Development</b> <i>Dom Toledo, Suncor Energy Inc.; Douglas Ndegwa, Spartan Controls Ltd.</i> 9:00 am-9:45 am • 006B
02-027	<b>CMMS Integration Using DeltaV and AMS Asset Portal 4.0</b> <i>Bruce Greenwald, REM Services</i> 9:00 am-9:45 am • 007B
09-551	<b>Conducting a Full Field Simulation Project in the US Mid-Continent to Improve Field Recovery</b> <i>Waleed Fazelipour, Emerson Process Management</i> 9:00 am-9:45 am • 208
01B-326	<b>Cost Savings Realized Using Larger Diameter Tubing and Mechanical Fittings vs. Traditional Methods</b> <i>Tim Coleman, Kansas City Valve &amp; Fitting Co.</i> 9:00 am-9:45 am • 206B
04-168	<b>DeltaV Development Systems in a Virtualized Environment</b> <i>Scott Thompson, Robert E. Mason</i> 9:00 am-9:45 am • 201
06A-397	<b>Don't Let Steam Measurement Get You Hot Under Your Collar</b> <i>Paul Deegan, Emily Vinella, Emerson Process Management</i> 9:00 am-9:45 am • 205
12-159	<b>Emerson Smart Wireless Solution Ensures On-Time Installation</b> <i>Wayne Wauson, Atlas Pipeline; Dennis Huey, Elliot Yanzuk, Emerson Process Management; Jim Traylor, Vinson Process Controls</i> 9:00 am-9:45 am • 212A
09-374	<b>Harnessing Your Experts' Knowledge for Sustainable Competitive Advantage</b> <i>David Hyde, Aaron Crews, Emerson Process Management</i> 9:00 am-9:45 am • 207A
01A-444	<b>How Profibus DP Can Open Up a Whole New World of Assets in AMS Device Manager</b> <i>Amy Davidson, Emerson Process Management; Steve Bartz, Emerson Industrial Automation</i> 9:00 am-9:45 am • 006A

**Workshops continued...**

06B-336	<p><b>Improving Firing Control and Efficiency with Better Damper Performance</b>  <i>Randy Stier, Omar Wahidi, Valero Energy Corporation; Gary Hawkins, Emerson Process Management; Rob Allen, CB Bachmann</i>                      9:00 am-9:45 am • 203B</p>
06B-490	<p><b>Inspect Your Gadgets: The Fundamental Features Hidden Inside Your Temperature Transmitters</b>  <i>Elizabeth C. Anderson, Emerson Process Management</i>                      9:00 am-9:45 am • 204A</p>
02-161	<p><b>Integrated Factory Acceptance Test Approach</b>  <i>Will Merrill, Fluor</i>                      9:00 am-9:45 am • 007A</p>
12-545	<p><b>Intrusive and Non-Intrusive Corrosion Monitors Integrated into One Online System</b>  <i>Kjell Wold, Roar Stoen, Emerson Process Management</i>                      9:00 am-9:45 am • 213A</p>
01B-450	<p><b>Orica Experience with the Linkage-Less, Non-Contact Positioner in Liquid Ammonia Application</b>  <i>Alfred Lee, Stanley Amirthasamy, Emerson Process Management</i>                      9:00 am-9:45 am • 008A</p>
12-527	<p><b>PEMEX Intelligent Field Using Wireless Technology</b>  <i>Jesus Luna, Pemex Exploracion y Produccion; Jose Manuel Arroyo, Emerson Process Management</i>                      9:00 am-9:45 am • 211</p>
01B-403	<p><b>Reduce Cost and Risk Using Best-in-Class Calibration Practices</b>  <i>Russ Muller, Natalie Strehlke, Emerson Process Management</i>                      9:00 am-9:45 am • 007D</p>
09-058	<p><b>Reducing the Engineering Cost</b>  <i>Frank Joop, Intergraph</i>                      9:00 am-9:45 am • 207B</p>
02-312	<p><b>SAP to DeltaV Integration Using the DeltaV SOA Gateway and SAP Web Services</b>  <i>Philippe Moro, Lubrizol; Chris Felts, Emerson Process Management</i>                      9:00 am-9:45 am • 006D</p>
01A-392	<p><b>Setup of Devices, DeltaV, and AMS Device Manager to Realize the Full Benefits of PlantWeb Alerts</b>  <i>Joe Johnson, Emerson Process Management</i>                      9:00 am-9:45 am • 006C</p>
12-205	<p><b>Solid Drain Waste System</b>  <i>Márcia Ribeiro, Alunorte</i>                      9:00 am-9:45 am • 214A</p>

**Workshops continued...**

<b>01B-268</b>	<p><b>Soup to Nuts: Turnkey Solution Offers Full-Service Innovation for Increased Reliability</b>  <i>Walter Viereck, PCE Pacific; Wade Enns, Emerson Process Management</i>                      9:00 am-9:45 am • 008B</p>
<b>06A-310</b>	<p><b>The Balancing Act of Flow Meter Selection: A Case Study Using DP Flow</b>  <i>Brian Fieser, Rick Belin, Emerson Process Management</i>                      9:00 am-9:45 am • 203A</p>
<b>11-056</b>	<p><b>Unique Application, Control Valve Solutions, and System Testing Requirements for the Residual Heat Removal System in the Westinghouse AP1000 Next Generation Nuclear Plant</b>  <i>Nicki Ahrens, Emerson Process Management</i>                      9:00 am-9:45 am • 210A</p>
<b>06A-487</b>	<p><b>Use of Ultrasonic Flowmeters in Liquefied Natural Gas (LNG) Custody Transfer Applications – New Challenges, New Solutions</b>  <i>Tom Mooney, Emerson Process Management</i>                      9:00 am-9:45 am • 206A</p>
<b>05-182</b>	<p><b>User-Driven Enhancement Program Update: Voice and Drive Your Ideas</b>  <i>Bill Tjoo, Emerson Process Management</i>                      9:00 am-9:45 am • 202B</p>
<b>12-414</b>	<p><b>What Do You Know About Wireless DP Flow? Explore the Possibilities for Incorporating Wireless into Your DP Flow Applications</b>  <i>Nathan Stokes, Kyle Nelson, Emerson Process Management</i>                      9:00 am-9:45 am • 212B</p>
<b>10-092</b>	<p><b>What Now? More Standards for Safety and Regulatory Compliance</b>  <i>Mike Schmidt, Bluefield Process Safety, LLC; Chuck Miller, Emerson Process Management</i>                      9:00 am-9:45 am • 209</p>

### Short Courses

11-102	<p><b>Improve Ethylene Conversion and Overall Plant Reliability</b>  <i>Janine Keeley, Clinton Anderson, Emerson Process Management</i>                      10:00 am-12:00 pm • 008B</p>
08-204	<p><b>Interactive Exploration of Process Control Improvement</b>  <i>Jack Ahlers, Monsanto Company; Gregory McMillan, Emerson Process Management</i>                      10:00 am-12:00 pm • 008A</p>
07-120	<p><b>Manufacturing Execution Through Servant Leadership</b>  <i>Ben Hopkins, DSM NeoResins+</i>                      10:00 am-11:30 am • 003A</p>

### Workshops

02-363	<p><b>Achieving Project Business Goals with a Structured Approach to PlantWeb Projects</b>  <i>Augie DiGiovanni, Dan Stedham, Emerson Process Management</i>                      10:00 am-10:45 am • 007A</p>
04-194	<p><b>Automating Portable Skids in a Hazardous Environment</b>  <i>Ray Emerson, Chris McGlaughlin, New England Controls</i>                      10:00 am-10:45 am • 204B</p>
04-043	<p><b>Batch Executive Crash Recovery for DeltaV 10.3 and Below</b>  <i>Gautam Gupta, Genentech</i>                      10:00 am-10:45 am • 205</p>
03-195	<p><b>Charmed – Upgrading UT Pickle Separations to DeltaV v11 with Integrated CHARMS</b>  <i>Frank Seibert, University of Texas at Austin; Mark Nixon, Murray Hansen, Emerson Process Management</i>                      10:00 am-10:45 am • 201</p>
12-471	<p><b>Control Freak? Fully Wireless Control for Tomorrow</b>  <i>Nicholas Meyer, Tracy Niebeling, Kurtis Jensen, Emerson Process Management</i>                      10:00 am-10:45 am • 212B</p>
03-062	<p><b>Control Sixteen Motors with Four Variable Speed Drives (VFDs) – How Can That Be? VFD Implementation on DeviceNet</b>  <i>David Shedd, Casey Houchens, SRR-SRS</i>                      10:00 am-10:45 am • 007C</p>
11-557	<p><b>Control Valves and Regulators for the Pharmaceutical Industry</b>  <i>Leveque Christophe, Emerson Process Management</i>                      10:00 am-10:45 am • 210B</p>

**Workshops continued...**

<b>12-301</b>	<p><b>Data Integration Solutions in the Enhanced Oil Recovery Industry Utilizing Rosemount Wireless Technology and ProGauge Data Management Technologies</b>  <i>Christopher Angelo, ProGauge Technologies, Inc.</i>                      10:00 am-10:45 am • 213A</p>
<b>12-461</b>	<p><b>Does Anyone Hear Me? Your Plant is Crying Out for Help</b>  <i>Melissa Stiegler, Emerson Process Management</i>                      10:00 am-10:45 am • 214A</p>
<b>04-514</b>	<p><b>Environmental Stewardship is Key to District Heating in Seattle</b>  <i>Mick Reeves, Seattle Steam Co.; Barbara Hamilton, Robert Sabin, Emerson Process Management</i>                      10:00 am-10:45 am • 204A</p>
<b>05-351</b>	<p><b>Fisher Control-Disk Valve Development, Features, and Future Extensions</b>  <i>Wade Helfer, Emerson Process Management</i>                      10:00 am-10:45 am • 207A</p>
<b>01A-541</b>	<p><b>Hidden Power of Information in the AMS Database</b>  <i>Brian McWhorter, Virent Energy Systems</i>                      10:00 am-10:45 am • 006C</p>
<b>06B-350</b>	<p><b>High Density Temperature Transmitters in Gasification Pilot Plant</b>  <i>Patrick Bishop, Gas Technology Institute; Keith Bentley, Emerson Process Management</i>                      10:00 am-10:45 am • 207B</p>
<b>05-367</b>	<p><b>High-Tech Teamwork: Turnkey Solutions Offer Increased Reliability</b>  <i>Peter DiSanto, Emerson Process Management; Paul Walker, Team Industrial Services</i>                      10:00 am-10:45 am • 206B</p>
<b>03-230</b>	<p><b>How to Modernize a Large Bulk Product Terminal – Follow a Master Plan</b>  <i>Pam Smolen, Vopak; Pete Sharpe, Emerson Process Management; Ismael Morales, Puffer-Sweiven</i>                      10:00 am-10:45 am • 202A</p>
<b>06B-172</b>	<p><b>Is Your Steam Application Getting Hot?</b>  <i>Anna Olander, LuRay Lister, Emerson Process Management</i>                      10:00 am-10:45 am • 209</p>
<b>01A-164</b>	<p><b>Italian Power Plant, Centro Energia Teverola, Increases Efficiency by More Than 1 Percent</b>  <i>Maurizio De Francesco, Richard Drake, Emerson Process Management</i>                      10:00 am-10:45 am • 006A</p>

**Workshops continued...**

<b>06B-325</b>	<p><b>Level ABC for EPC</b>  <i>Hans Schriel, Andreas Hessel, Emerson Process Management</i>                      10:00 am-10:45 am • 208</p>
<b>02-483</b>	<p><b>OPC Xi Simplifies Client Access to DeltaV</b>  <i>Lee Nietzel, Chris Felts, Emerson Process Management</i>                      10:00 am-10:45 am • 006D</p>
<b>11-549</b>	<p><b>Optimizing Plant Performance Using Predictive Diagnostics via Digital Valve Controller Mounted on Control Valve</b>  <i>Sunil Potdar, ExxonMobil Development Co.; Riyaz Ali, Emerson Process Management</i>                      10:00 am-10:45 am • 210A</p>
<b>12-242</b>	<p><b>Smart Wireless Technology Applied to Electrolytic Refining in the M&amp;M Industry</b>  <i>Herman Alday, Codelco Ventanas; Christian Cacciavillani, Emerson Process Management; Ivan Perez, Ineco</i>                      10:00 am-10:45 am • 211</p>
<b>03-508</b>	<p><b>Three Non-Conventional Level Control Applications</b>  <i>Sergei Kuznetsov, Emerson Process Management</i>                      10:00 am-10:45 am • 203A</p>
<b>12-201</b>	<p><b>THUM's Up! Wireless Troubleshooting of Intermittent Upsets</b>  <i>Steven Moore, Emerson Process Management; David Mabijs, Kimberly Clark</i>                      10:00 am-10:45 am • 212A</p>
<b>03-406</b>	<p><b>Total Installed and Commissioned Cost Savings Using Electronic Marshalling in Brownfield Modernization Projects</b>  <i>Gordon Lawther, Emerson Process Management</i>                      10:00 am-10:45 am • 203B</p>
<b>03-025</b>	<p><b>Wireless Ethernet DeltaV Control Network</b>  <i>Terrance Stevens, Kenneth Marse, Chemtura; Dale Thibodeaux, John H. Carter Co.</i>                      10:00 am-10:45 am • 007D</p>
<b>12-293</b>	<p><b>Wireless Vibration Solution to Maintain Process in a Power Plant</b>  <i>Sunju Hwang, Emerson Process Management</i>                      10:00 am-10:45 am • 213B</p>

**Workshops**

06B-533	<p><b>2120 as a Direct Replacement for a Float Switch Integrating Directly into a Honeywell TDC 3000</b>  <i>Warren Merriman, Emerson Process Management; Scott House, BP</i>                      11:00 am-11:45 am • 203B</p>
01A-119	<p><b>AMS Restoration: Techniques, Tips, and Tricks</b>  <i>Kenneth Marse, Chemtura; Michael Sorel, ControlWorx, LLC</i>                      11:00 am-11:45 am • 006B</p>
09-412	<p><b>AS-I Integrating Low-Cost Discretes Using a Low-Cost Method</b>  <i>David Fink, Gary Tapperson, Helge Hornis, Pepperl+Fuchs</i>                      11:00 am-11:45 am • 207A</p>
08-167	<p><b>Batch Process Analytics (PA) – An In-Depth Update</b>  <i>Robert Wojewodka, The Lubrizol Corporation; Terry Blevins, Willy Wojsznis, Emerson Process Management</i>                      11:00 am-11:45 am • 206A</p>
09-158	<p><b>Best Practices for a Smooth Engineering and Successful Startup of FOUNDATION fieldbus Projects</b>  <i>Murali Krishnan, Emerson Process Management</i>                      11:00 am-11:45 am • 207B</p>
12-478	<p><b>Budget and Schedule Savings Using Wireless Steam Injection Flow Monitoring</b>  <i>Alan Baird, Andrew Dennant, Emerson Process Management</i>                      11:00 am-11:45 am • 211</p>
12-524	<p><b>DeltaV Plus Delta Vibration – Case Histories on Integrating Vibration into a Process Automation System</b>  <i>Robert Skeirik, Emerson Process Management</i>                      11:00 am-11:45 am • 214A</p>
04-384	<p><b>Easy Integration of Machinery Protection (Vibration) and DeltaV</b>  <i>Deane Horn, Emerson Process Management</i>                      11:00 am-11:45 am • 007D</p>
12-299	<p><b>Every Drop Counts – Getting the Most Out of Your Refinery with Wireless</b>  <i>Wally Baker, Emerson Process Management</i>                      11:00 am-11:45 am • 213A</p>
10-234	<p><b>Fire and Gas (FGS) Solutions with DeltaV SIS</b>  <i>Rafael Lachmann, Emerson Process Management</i>                      11:00 am-11:45 am • 209</p>
06A-100	<p><b>Fiscal and Allocation Measurement Philosophy for an Ultra Large Refinery in Asia Using Over Eighty Liquid Ultrasonic Meters – A Case Study</b>  <i>Trilochan Gupta, Emerson Process Management</i>                      11:00 am-11:45 am • 205</p>

**Workshops continued...**

<b>01A-066</b>	<p><b>Getting the Most Out of Your AMS Device Manager System and Smart Devices</b>  <i>John Fuller, R.S. Stover Company; Jody Minor, LyondellBasell</i>                      11:00 am-11:45 am • 006A</p>
<b>05-343</b>	<p><b>How Human Centered Design (HCD) Principles in Version 11 Has Helped DeltaV Users Get More Things Done</b>  <i>Rune Reppenhausen, Bryan Jones, Emerson Process Management</i>                      11:00 am-11:45 am • 201</p>
<b>01A-378</b>	<p><b>Implementing and Managing a Secure IEC 62591 (WirelessHART®) Network with AMS Suite</b>  <i>Dervis Scheib, Emerson Process Management</i>                      11:00 am-11:45 am • 006C</p>
<b>12-087</b>	<p><b>Installation Cost Savings with Smart Wireless Technology in an Oil and Gas Field? Prove It!</b>  <i>Sixto Piedrabuena, Petrolera Entre Lomas; Guido Mangieri, Emerson Process Management</i>                      11:00 am-11:45 am • 212A</p>
<b>12-059</b>	<p><b>Lixiviation Performance Monitoring with Smart Wireless Technology at Barrick Zaldívar</b>  <i>Juan Carlos Alvarez, Barrick</i>                      11:00 am-11:45 am • 213B</p>
<b>02-246</b>	<p><b>Maintaining Historical Trending During On-Line Migration</b>  <i>Brian Muldowney, Genzyme Corporation; Thomas Turner, New England Controls</i>                      11:00 am-11:45 am • 007A</p>
<b>05-370</b>	<p><b>Product Update: DeltaV Digital Bus Technologies</b>  <i>Randy Balentine, Emerson Process Management</i>                      11:00 am-11:45 am • 202A</p>
<b>09-267</b>	<p><b>Proven Process, Streamlined Startup: Lucite International's Smart Commissioning Project</b>  <i>Wade Enns, Emerson Process Management</i>                      11:00 am-11:45 am • 208</p>
<b>06A-460</b>	<p><b>Remote Steam Monitoring for District Energy Distribution</b>  <i>Andrew Wilcox, Enwave Energy Corporation; Paul Cieri, Lakeside Process Controls</i>                      11:00 am-11:45 am • 204B</p>
<b>04-052</b>	<p><b>Remote Video with DeltaV</b>  <i>Clarke Esler, Industrial Video &amp; Control; Neil Peterson, Emerson Process Management</i>                      11:00 am-11:45 am • 007C</p>

**Workshops continued...**

<b>11-530</b>	<p><b>Severe Service Valve Trim Enhancement Solves Maintenance Headache, Extends Shutdown Interval</b>  <i>John Mangan, Emerson Process Management</i>                      11:00 am-11:45 am • 210B</p>
<b>11-153</b>	<p><b>Successful Refinery Noise Reduction – ISOMAX Quench Valves</b>  <i>Daniel Eilers, Emerson Process Management; Robert W. Dye, Chevron; Brian Pitcher, Caltrol, Inc.</i>                      11:00 am-11:45 am • 210A</p>
<b>06B-498</b>	<p><b>The BEST Way to Do Temperature: Best Practices for Installation, Commissioning, and General Temperature Measurement</b>  <i>Rebecca Gill, Alex Cecchini, Emerson Process Management</i>                      11:00 am-11:45 am • 203A</p>
<b>03-079</b>	<p><b>Using New Eye-Tracking Technology to Measure the Usability of Control Studio as Part of Human Centered Design</b>  <i>Herschel Koska, Julian Naidoo, Paul Daly, Emerson Process Management</i>                      11:00 am-11:45 am • 007B</p>
<b>05-276</b>	<p><b>What Problem Are You Trying to Solve? Uncovering the Real Problem at Hand Can Lead to Innovative Solutions and New Product Innovations</b>  <i>Gary Law, Emerson Process Management</i>                      11:00 am-11:45 am • 202B</p>
<b>12-465</b>	<p><b>Wi-Fi Asset Tracking and Management</b>  <i>Saurabh Pradhan, Trapeze Networks; Rick Pennavaria, Belden, Inc.</i>                      11:00 am-11:45 am • 212B</p>

### Certified Short Courses

13-339	<p><b>Control Valve Selection for Real, Non-Standard, or Critical Process Applications</b>  <i>Marc Riveland, Roger Anders, Dennis Beckman, Melissa Niesen, Emerson Process Management</i>                      1:15 pm-5:15 pm • 101A</p>
13-560	<p><b>DeltaV Graphics</b>  <i>Troy Nelson, Emerson Process Management</i>                      1:15 pm-5:15 pm • 102B</p>
13-556	<p><b>Syncade Suite Overview</b>  <i>Russ Pothast, Emerson Process Management</i>                      1:15 pm-5:15 pm • 102A</p>
13-391	<p><b>Using ValveLink Mobile for DVC Setup, Configuration, and Diagnostics</b>  <i>William Raymond, Brent Baker, Emerson Process Management</i>                      1:15 pm-5:15 pm • 103B</p>

### Short Courses

06B-512	<p><b>Introducing the “Other” Fieldbus: The Basics, Benefits, and How To of Profibus</b>  <i>Jesse Dodge, Rick Lewis, Emerson Process Management</i>                      1:15 pm-3:15 pm • 003A</p>
01B-323	<p><b>The Ins and Outs of Rosemount Radar Master – The #1 Radar Configuration and Troubleshooting Tool</b>  <i>Andreas Hessel, Tomas Wennerberg, Emerson Process Management</i>                      1:15 pm-3:15 pm • 003B</p>

### Workshops

06A-200	<p><b>40 CFR 98 Tier 4 Greenhouse Gas Reporting with Stack Emissions Flow Meter</b>  <i>Joel Lemke, Brian Fieser, Emerson Process Management</i>                      1:15 pm-2:00 pm • 204B</p>
01A-018	<p><b>Asset Management: Leveraging Your Technology Dollars to Save O&amp;M</b>  <i>Michael Wade, Consumers Energy Company</i>                      1:15 pm-2:00 pm • 006C</p>
10-184	<p><b>Burner Management – A Straightforward Approach Using DeltaV SIS for Typical Systems</b>  <i>David Sheppard, Emerson Process Management</i>                      1:15 pm-2:00 pm • 209</p>
11-469	<p><b>Control-Disk Valves Make World’s Largest CFB Power Plant More Efficient!</b>  <i>Nathan Hamblin, Emerson Process Management; Tom Glaspie, Key Controls; Frank Thomas, JEA</i>                      1:15 pm-2:00 pm • 210A</p>

**Workshops continued...**

<b>06A-089</b>	<p><b>Coriolis Meters: Changing the Marine Bunker Fuel Industry</b>  <i>Tom Marian, Buffalo Marine Service, Inc.; Kevin Downey, Emerson Process Management</i>                      1:15 pm-2:00 pm • 204A</p>
<b>04-110</b>	<p><b>DeltaV Virtualization – Real Today, A Reality Tomorrow</b>  <i>John Caldwell, Mark Nixon, Emerson Process Management</i>                      1:15 pm-2:00 pm • 007C</p>
<b>06B-218</b>	<p><b>Does That Level Really Match What is Inside My Tank? Practical Solutions for Optimizing Radar Level Measurements in Chambers and Stilling Wells</b>  <i>Sarah Parker, Tom Wienke, Emerson Process Management</i>                      1:15 pm-2:00 pm • 201</p>
<b>04-081</b>	<p><b>Emerson Fieldbus Device Testing – DeltaV Interoperability Assured</b>  <i>Michael Truitt, Keith Gold, Emerson Process Management</i>                      1:15 pm-2:00 pm • 205</p>
<b>04-042</b>	<p><b>Faux Meters – When Real Instrumentation Just Isn't Good Enough</b>  <i>Michael McEver, SRR</i>                      1:15 pm-2:00 pm • 007D</p>
<b>05-105</b>	<p><b>Fisher FIELDVUE Instrument Update</b>  <i>Lorin Miller, Emerson Process Management</i>                      1:15 pm-2:00 pm • 202B</p>
<b>02-099</b>	<p><b>Flexible Recipes to Meet Unique Requirements for Pharmaceutical Packaging</b>  <i>Tim Adkins, Bristol-Myers Squibb</i>                      1:15 pm-2:00 pm • 007A</p>
<b>12-448</b>	<p><b>Got Wireless? Prepare Your Plant for Modernization with ROI Today</b>  <i>Daniel Carlson, Emerson Process Management</i>                      1:15 pm-2:00 pm • 213A</p>
<b>12-452</b>	<p><b>Hear the Heat: Steam Trap Monitoring</b>  <i>Kerry Phillips, Armstrong International; Melissa Stiegler, Emerson Process Management</i>                      1:15 pm-2:00 pm • 214A</p>
<b>11-049</b>	<p><b>How and What Instruments to Size for Valve Performance</b>  <i>Kurtis Jensen, Emerson Process Management</i>                      1:15 pm-2:00 pm • 210B</p>
<b>02-086</b>	<p><b>How to Make OPC Architectures Secure</b>  <i>Eric Murphy, Martrikon OPC</i>                      1:15 pm-2:00 pm • 007B</p>

**Workshops continued...**

<b>06B-337</b>	<p><b>LyondellBasell Realizes Better Maintenance Practices with Advanced Diagnostics</b>  <i>Jody Minor, LyondellBasell; Mike Caspers, Bill Zhou, Emerson Process Management</i>                      1:15 pm-2:00 pm • 203A</p>
<b>09-111</b>	<p><b>Make the Most of Lessons Learned – Tools and Techniques</b>  <i>Jim Carlins, Carlins Technology International LLC</i>                      1:15 pm-2:00 pm • 207A</p>
<b>02-543</b>	<p><b>Managing the Transition From Paper to Syncade Electronic Records in an Operating Facility</b>  <i>Les Fister, Lonza Biologics; Rajeev Joshi, New England Controls, Inc.</i>                      1:15 pm-2:00 pm • 006D</p>
<b>03-244</b>	<p><b>Migration and Modernization – Lessons Learned, Part 1</b>  <i>John Dolenc, Laurie Ben, Emerson Process Management</i>                      1:15 pm-2:00 pm • 207B</p>
<b>01B-272</b>	<p><b>No Time? No Problem! Chevron’s Largest Turnaround Delivered Despite Shortened Schedule</b>  <i>Robert W. Dye, Chevron; Brian Pitcher, Caltrol, Inc.</i>                      1:15 pm-2:00 pm • 206A</p>
<b>10-203</b>	<p><b>RockTenn’s BMS Project Uses DeltaV SIS</b>  <i>Gary Northam, RockTenn</i>                      1:15 pm-2:00 pm • 208</p>
<b>12-227</b>	<p><b>Smart Wireless and Ultrasonic Technology Generates \$4M in Incremental Sales and Reduces Maintenance Costs by 62% at Tecpetrol</b>  <i>Odin Fernandez, Tecpetrol; Guido Mangieri, Solange Fornabaio, Emerson Process Management</i>                      1:15 pm-2:00 pm • 212A</p>
<b>05-229</b>	<p><b>SmartProcess Update</b>  <i>Bob Wiggins, Pete Sharpe, Emerson Process Management</i>                      1:15 pm-2:00 pm • 202A</p>
<b>07-074</b>	<p><b>The “Smart” Plant of the Future</b>  <i>Douglas White, Emerson Process Management</i>                      1:15 pm-2:00 pm • 206B</p>
<b>01A-241</b>	<p><b>The Reliability Process at Sipchem</b>  <i>Abdullah AlGhamde, Saudi International Petrochemical</i>                      1:15 pm-2:00 pm • 006A</p>
<b>06B-328</b>	<p><b>The Top 10 ERS Applications for 2010</b>  <i>Michael Olivier, Amy Johnson, Emerson Process Management</i>                      1:15 pm-2:00 pm • 203B</p>

**Workshops continued...**

<b>01A-364</b>	<p><b>Using Human Centered Design to Improve Productivity with Handheld Configuration Devices</b>  <i>Alan Dewey, Emerson Process Management</i>                      1:15 pm-2:00 pm • 006B</p>
<b>12-125</b>	<p><b>Utilizing AMS Software to Plan a Wireless Network</b>  <i>John Kuloszewski, Emerson Process Management</i>                      1:15 pm-2:00 pm • 213B</p>
<b>12-135</b>	<p><b>Wireless Temperature Measurements Enable Smart Exchanger Maintenance</b>  <i>Robert Kerwin, ConocoPhillips; Randy Stout, Emerson Process Management</i>                      1:15 pm-2:00 pm • 212B</p>
<b>12-360</b>	<p><b>Wireless – The Power Solution!</b>  <i>Ryan McIntosh, Emerson Process Management; Frank Drey, PCE Pacific</i>                      1:15 pm-2:00 pm • 211</p>

Short Courses	
12-197	<p><b>An In-Depth Look at IEC 62591 (WirelessHART®)</b>                      Mark Nixon, Chen Deji, Eric Rotvold, Emerson Process Management                      2:15 pm-4:15 pm • 008B</p>
Workshops	
03-500	<p><b>Advanced Process Control Gets a Ticket on the “Express” Train to Migration and Modernization</b>                      Stewart McLeod, Catalyst Paper Corporation                      2:15 pm-3:00 pm • 201</p>
06C-536	<p><b>Challenges of Integrating Analyzers Systems in Integrated Process Control</b>                      Romel Bhullar, Fluor Corporation                      2:15 pm-3:00 pm • 203A</p>
10-489	<p><b>Data Integration Between BPCS and SIS Offer Significant Engineering Savings at Novus</b>                      Stephen Duering, Novus                      2:15 pm-3:00 pm • 209</p>
04-104	<p><b>DeltaV Context Commenting – Custom Application for Electronic Batch Review and Approval</b>                      Daniel Wasser, Jason Hamm, Bristol-Myers Squibb                      2:15 pm-3:00 pm • 202A</p>
02-136	<p><b>Designing Reusable Objects for Syncade Recipes – A Case Study</b>                      Debbie Bouwens, Bristol-Myers Squibb                      2:15 pm-3:00 pm • 007A</p>
12-413	<p><b>Easy Goes It: Southern Power’s Wireless Approach to Diagnostics with Legacy Controllers</b>                      Micah Naasz, Emerson Process Management                      2:15 pm-3:00 pm • 213B</p>
11-170	<p><b>Fisher Control-Disk Valve Solves Temperature Control Issue in Fractionation Column</b>                      Tom Brandau, Emerson Process Management                      2:15 pm-3:00 pm • 210B</p>
01B-404	<p><b>FOUNDATION fieldbus Error Detection and Diagnostics</b>                      Gary Tapperson, Bernd Schuessler, Pepperl+Fuchs                      2:15 pm-3:00 pm • 206A</p>
12-523	<p><b>Geothermal Field Monitoring Using Fieldbus and Wireless Instrumentation</b>                      Eduardo Sanchez, Comision Federal de Electricidad                      2:15 pm-3:00 pm • 214A</p>

**Workshops continued...**

10-499	<p><b>Hydraulic Partial Stroke and Diagnostics – Improve Safety and Reliability of Your High Pressure System Using HPSD</b>  <i>Shailesh Sharma, Steve Farmer, Emerson Process Management</i>                  2:15 pm-3:00 pm • 208</p>
06A-401	<p><b>Innovative Technologies for Meeting GHG Monitoring Requirements</b>  <i>Alan Weldon, Hunt Refining Company; Donna McClung, Emerson Process Management</i>                  2:15 pm-3:00 pm • 204B</p>
03-245	<p><b>Migration and Modernization – Lessons Learned, Part 2</b>  <i>Laurie Ben, John Dolenc, Emerson Process Management</i>                  2:15 pm-3:00 pm • 207B</p>
01A-442	<p><b>PotashCorp New Brunswick Division Relies on AMS to Save Money and Deliver Faster Start-Ups</b>  <i>Shane Bast, Laurentide Controls</i>                  2:15 pm-3:00 pm • 006A</p>
03-109	<p><b>Power and Grounding: Get It Right Before You Modernize and Migrate Your DCS System</b>  <i>Alice Stewart, Dan Jacobsmeyer, Emerson Process Management</i>                  2:15 pm-3:00 pm • 007C</p>
05-210	<p><b>Product Update on the Rosemount E-Series Magnetic Flowmeter</b>  <i>Bill Graber, Emerson Process Management</i>                  2:15 pm-3:00 pm • 204A</p>
01A-151	<p><b>Remote Assistance – Expertise There When You Need It</b>  <i>Randal Doss, Emerson Process Management</i>                  2:15 pm-3:00 pm • 006B</p>
09-262	<p><b>Selecting the Right FOUNDATION fieldbus Device – Interoperability or Integration?</b>  <i>David Lancaster, Trine University</i>                  2:15 pm-3:00 pm • 206B</p>
04-101	<p><b>Standard Field Junction Boxes for CHARM I/O Take Away Stress From Your Project</b>  <i>Michael Hagen, R. STAHL Schaltgeraete GmbH</i>                  2:15 pm-3:00 pm • 202B</p>
09-149	<p><b>Streamlined DeltaV Change and Testing Method</b>  <i>John Campbell, Biogen Idec</i>                  2:15 pm-3:00 pm • 207A</p>
12-552	<p><b>Tattletales Will Tell “No Tales, No More” – How IEC 62591 (WirelessHART®) Improves Safety and Reliability at Oxy Vinyls VCM Facility</b>  <i>Tracey Harbison, Oxy Chemical; Jeff Wellborn, Emerson Process Management</i>                  2:15 pm-3:00 pm • 212B</p>

**Workshops continued...**

11-116	<p><b>Techniques Ensuing From Flow Lab Testing to Engineer Optimum Noise Reduction for Control Valve/Diffuser Combinations</b>  <i>Steve Zinda, Novaspect, Inc.; Chris Hammond, Emerson Process Management</i>                  2:15 pm-3:00 pm • 210A</p>
02-309	<p><b>Technology Transfer Troubles</b>  <i>Michalle Adkins, Bob Lenich, Emerson Process Management</i>                  2:15 pm-3:00 pm • 006D</p>
12-065	<p><b>The Right Bus for the Right Application: To Be or Not to Be IEC 62591 (WirelessHART®) in a Sulphuric Acid Production Plant</b>  <i>Victor Gonzalez Pacini, CEMIN; Manuel Esquivel, Emerson Process Management</i>                  2:15 pm-3:00 pm • 211</p>
06B-263	<p><b>Up From the Depths: Rapid Response Means Real Recovery</b>  <i>Jennifer Conn, Emerson Process Management; Jason Wood, Control Southern</i>                  2:15 pm-3:00 pm • 205</p>
12-196	<p><b>Wireless Conductivity and pH Measurements for Optimization of Carbon Capture</b>  <i>Robert Montgomery, University of Texas; Gregory McMillan, Emerson Process Management</i>                  2:15 pm-3:00 pm • 212A</p>
12-252	<p><b>Wireless Steam Injection and Oil Production Monitoring Project</b>  <i>Michael Fischback, Plains Exploration &amp; Production</i>                  2:15 pm-3:00 pm • 213A</p>

**Workshops**

09-088	<p><b>A Case Study Showing the Good , the Bad, and the Ugly of Selecting Your Vendor Before FEED</b>  <i>Mark Showler, BP; Raoul Mercer, Emerson Process Management</i>                      3:15 pm-4:00 pm • 207A</p>
04-359	<p><b>A Structured Approach to Implementing PlantWeb Alerts in DeltaV Systems</b>  <i>Aaron, Shaw, Dan Stedham, Emerson Process Management</i>                      3:15 pm-4:00 pm • 007C</p>
01A-211	<p><b>AMS Device Manager 123: 1) What's New, 2) How Suncor is Claiming \$30M!, 3) What's Coming</b>  <i>Rustin Ekness, Emerson Process Management</i>                      3:15 pm-4:00 pm • 006B</p>
08-228	<p><b>APC – Where to Use It</b>  <i>Pete Sharpe, Emerson Process Management</i>                      3:15 pm-4:00 pm • 206B</p>
05-377	<p><b>Building a More Fault Tolerant System with Redundant Components</b>  <i>David Denison, Emerson Process Management</i>                      3:15 pm-4:00 pm • 203B</p>
12-223	<p><b>Cost-Effective Means for Wireless Liquid Hydrocarbon Leak Detection</b>  <i>Tracy Niebeling, Emerson Process Management; Ken McCoy, Tyco Thermal Controls</i>                      3:15 pm-4:00 pm • 213B</p>
10-107	<p><b>DeltaV SIS in the Heat of the Desert</b>  <i>David Walker, Emerson Process Management; Farrukh Chawla, Saudi Aramco</i>                      3:15 pm-4:00 pm • 209</p>
05-332	<p><b>DeltaV System Data Integration for Secure, Industry Standard Connectivity</b>  <i>Chris Felts, Emerson Process Management</i>                      3:15 pm-4:00 pm • 204A</p>
05-039	<p><b>DeltaV v11 and Smart Wireless</b>  <i>Neil Peterson, Andre Dicaire, Emerson Process Management</i>                      3:15 pm-4:00 pm • 203A</p>
09-348	<p><b>Evolving Organizational Structures of Large Design Teams</b>  <i>Bradley Laing, Fluor</i>                      3:15 pm-4:00 pm • 207B</p>
11-177	<p><b>FIELDVUE DVCs Help Increase Efficiency and Uptime for Air Separation Plants</b>  <i>Mike Lieberg, Emerson Process Management</i>                      3:15 pm-4:00 pm • 210A</p>
12-078	<p><b>Flexible and Clean Design with Wireless Installation</b>  <i>John Selinder, Chematur Engineering AB</i>                      3:15 pm-4:00 pm • 214A</p>

**Workshops continued...**

06B-537	<p><b>Geothermal Industry Needs Accurate Level for NCG Separators</b>  <i>Edmundo Agramont, Ormat; Timothy Cushman, Emerson Process Management</i>                      3:15 pm-4:00 pm • 204B</p>
01A-435	<p><b>How an Existing Meridium Customer Utilizes AMS Suite Data to Create a Complete Picture of Asset Health</b>  <i>John Renick, Meridium; Amy Davidson, Emerson Process Management</i>                      3:15 pm-4:00 pm • 006A</p>
12-486	<p><b>IEC 62591 (WirelessHART®) Reliability...After 100 Million Hours of Operation</b>  <i>José Gutierrez, Emerson Process Management</i>                      3:15 pm-4:00 pm • 213A</p>
12-453	<p><b>IEC 62591 (WirelessHART®) Vibration Monitoring</b>  <i>Aecio Neves, Petrobras – Brazil; Paulo Fernandes, Emerson Process Management</i>                      3:15 pm-4:00 pm • 211</p>
04-156	<p><b>Is Solving World Hunger Easier Than Working with IT Security? A Dialogue Which Can Help Work This Out</b>  <i>James Robinson, Bob Huba, Emerson Process Management</i>                      3:15 pm-4:00 pm • 202A</p>
06B-382	<p><b>ITK6 – What Does It Mean for You?</b>  <i>Bob Lattimer, Dale Perry, Emerson Process Management</i>                      3:15 pm-4:00 pm • 202B</p>
02-481	<p><b>Managing Batch Recipe Formulas with Web Services</b>  <i>Bob Engel, Informetric Systems Inc.</i>                      3:15 pm-4:00 pm • 007A</p>
01B-128	<p><b>Online Vibration Monitoring of Boiler Feedwater Pumps</b>  <i>Rick Vance, Control Dynamics; Brad Illing, Emerson Process Management</i>                      3:15 pm-4:00 pm • 206A</p>
04-132	<p><b>Process Analysis Using 3D Plots</b>  <i>Frank Seibert, University of Texas at Austin; Terry Blevins, Paul Muston, Julian Post, Emerson Process Management</i>                      3:15 pm-4:00 pm • 201</p>
02-540	<p><b>Simple and Flexible Syncade Work Flows to Replace Paper Logs</b>  <i>Panos Argiras, Lonza Biologics, Inc.; Frank Corden, Emerson Process Management</i>                      3:15 pm-4:00 pm • 006C</p>
10-064	<p><b>SIS Final Element Diagnostics Including the SOV, Using a Digital Valve Controller</b>  <i>Chadalavada B. Chakradhaar, Elias Elias, RasGas; Riyaz Ali, Emerson Process Management</i>                      3:15 pm-4:00 pm • 208</p>

**Workshops continued...**

<b>12-411</b>	<p><b>Smart Wireless Technology Brings in Critical Points with Tremendous Upside Savings</b>  <i>Scott House, BP; Warren Merriman, Dennis Huey, Emerson Process Management</i>                      3:15 pm-4:00 pm • 212A</p>
<b>02-131</b>	<p><b>SYNCADE Integration Architecture</b>  <i>David Marschall, David Rehbein, Emerson Process Management</i>                      3:15 pm-4:00 pm • 006D</p>
<b>03-426</b>	<p><b>The DeltaV Virtual Power Plant</b>  <i>Todd Anstine, MYNAH Technologies</i>                      3:15 pm-4:00 pm • 007D</p>
<b>03-202</b>	<p><b>Tuning in on Asphalt Viscosity Blending with Micro Motion and DeltaV</b>  <i>Hasit Patel, MunChoong (MC) Chow, Novaspect, Inc.; Robert Schwantes, Emerson Process Management</i>                      3:15 pm-4:00 pm • 007B</p>
<b>12-464</b>	<p><b>Using Wireless to Solve the Challenges of Remotely Located Tank Farm</b>  <i>Greg Bremer, Lubrizol; Bradley Orsak, Emerson Process Management</i>                      3:15 pm-4:00 pm • 212B</p>
<b>11-038</b>	<p><b>Valve Testing Standards Result in Higher Performance</b>  <i>Eric Kuebler, Emerson Process Management</i>                      3:15 pm-4:00 pm • 210B</p>
<b>06B-256</b>	<p><b>Wine Production Optimization Through Mass Balance at Bodega Norton in Argentina</b>  <i>Luis Steindel, Bodegas Norton; Guido Mangieri, Emerson Process Management</i>                      3:15 pm-4:00 pm • 205</p>

**Workshops**

06B-096	<p><b>Achieving Redundant Intrinsically-Safe Fieldbus Segments for Fisco and Entity Devices</b>  <i>Harry Wilson, Moore Industries</i>                      4:15 pm-5:00 pm • 007C</p>
06A-324	<p><b>Arkema Refrigerant Producer Reduces Cost to Comply with EPA Greenhouse Gas Reporting Rule Using Micro Motion Coriolis Meters with Meter Verification, AMS, and Wireless Technologies</b>  <i>Dwight Stoffel, Arkema, Inc.</i>                      4:15 pm-5:00 pm • 205</p>
12-513	<p><b>Blast Furnace Nozzle Monitoring Using Wireless Transmitters</b>  <i>Celso Yanez, ArcelorMittal Lazaro Cardenas; Jose Manuel Arroyo, Emerson Process Management</i>                      4:15 pm-5:00 pm • 211</p>
10-257	<p><b>Build on Your Safety Instrument System Knowledge to Achieve Best Practice for Application Safety Aspects in IEC61511 Level Safety</b>  <i>Peter Lagerlof, Hans Schriel, Emerson Process Management</i>                      4:15 pm-5:00 pm • 209</p>
09-091	<p><b>CCTV: Not Just for Cops and Robbers</b>  <i>Manuel Hernandez, Fluor Corporation</i>                      4:15 pm-5:00 pm • 207B</p>
11-239	<p><b>Control and Maintenance Optimization Process – Petrobras Refinery REPLAN – Maintenance Contracts</b>  <i>Bruno Alexander Silva, Petrobras; Marcos Bruno Machado, Emerson Process Management</i>                      4:15 pm-5:00 pm • 210B</p>
06A-333	<p><b>Danisco's Implementation of GWR in Liquid Nitrogen Reactor Enables Automation and Maximizes Process Efficiency</b>  <i>John Sanders, Emerson Process Management</i>                      4:15 pm-5:00 pm • 204B</p>
06C-449	<p><b>Discrete Control Solutions Using Multi-Parameter Analyzers</b>  <i>Jim Gray, Dave Anderson, Emerson Process Management</i>                      4:15 pm-5:00 pm • 007D</p>
06A-402	<p><b>Don't Drown in Wet Gas: Wet Gas Flow Measurement with DP Flow</b>  <i>Steve Ifft, Paul Deegan, Emerson Process Management</i>                      4:15 pm-5:00 pm • 203B</p>
11-485	<p><b>Engineered Severe Service Valve Solution Benefits Aera Energy</b>  <i>Robert Schaaf, Aera Energy LLC; Matt Lyndoe Emerson Process Management</i>                      4:15 pm-5:00 pm • 210A</p>

**Workshops continued...**

12-532	<p><b>Four for One: Increasing Process Efficiency Using Wireless Technology</b>  <i>Bill Claeys, Erachem-Comilog Inc.; Steven Moore, Emerson Process Management</i>                      4:15 pm-5:00 pm • 212B</p>
06A-399	<p><b>Give Your Plant a HART 7 Attack</b>  <i>Michelle Hursh, Emerson Process Management</i>                      4:15 pm-5:00 pm • 003A</p>
06B-297	<p><b>How to Win a Custody Battle – Properly Instrumenting Custody Transfer Points for Maximum ROI</b>  <i>Kitty Elshot, Michelle Weimert, Emerson Process Management</i>                      4:15 pm-5:00 pm • 007B</p>
06A-342	<p><b>Improvements to Separator Control and Availability at Eli Lilly Using Micro Motion Two-Wire Coriolis</b>  <i>Larell Palmer, Eli Lilly and Company; Joseph Almon, Emerson Process Management</i>                      4:15 pm-5:00 pm • 203A</p>
06B-346	<p><b>Level Solutions for Refining Can Increase Safety and Reduce Maintenance – If Chosen and Installed Correctly</b>  <i>Ingemar Serneby, Pat Carroll, Emerson Process Management</i>                      4:15 pm-5:00 pm • 003B</p>
06B-381	<p><b>Making Fieldbus Safer in Hazardous Locations</b>  <i>Philip Saward, MTL Instruments</i>                      4:15 pm-5:00 pm • 202B</p>
12-308	<p><b>Mobile Worker Unshackles AMS</b>  <i>John Rezabek, ISP Lima LLC</i>                      4:15 pm-5:00 pm • 213B</p>
06B-395	<p><b>New Sand Management System Integrates Erosion Based and Acoustic Sensors Alongside a New Generation Sand Management Software – An Operator Example</b>  <i>Sean Hopkins, Kjell Wold, Emerson Process Management</i>                      4:15 pm-5:00 pm • 006D</p>
06A-112	<p><b>Pipe Dreams: Save Money and Improve Measurements with Compact DP Flow Technology</b>  <i>Toshihiro Iwao, Chiyoda Corporation; Emily Vinella, Russ Evans, Emerson Process Management</i>                      4:15 pm-5:00 pm • 204A</p>
06B-179	<p><b>Radar Technology Has Increased Accuracy and Reliability Eliminating Potential of Costly Fines From the City Municipality</b>  <i>Jim Raiders, EKA Chemical; Pete Ronhovde, Emerson Process Management</i>                      4:15 pm-5:00 pm • 006A</p>

**Workshops continued...**

<b>06C-127</b>	<p><b>Reducing Bias and Uncertainty in Process Gas Quality Measurements</b>  <i>Paul Holland, Effectech Ltd.</i>                      4:15 pm-5:00 pm • 202A</p>
<b>06C-289</b>	<p><b>Simplified Gas Chromatograph Installations and Operations with FOUNDATION fieldbus</b>  <i>Michael Gaura, Emerson Process Management</i>                      4:15 pm-5:00 pm • 201</p>
<b>09-421</b>	<p><b>System Integrators Scope of Work</b>  <i>Ric Ware, Fluor</i>                      4:15 pm-5:00 pm • 208</p>
<b>06B-366</b>	<p><b>Temperature Monitoring and Control of Reactor Performance</b>  <i>Walter Tijmes, Daily Thermetrics</i>                      4:15 pm-5:00 pm • 007A</p>
<b>06B-436</b>	<p><b>Top 10 Ways to Speed Project Execution with Better Instrumentation Practices</b>  <i>Natalie Strehlke, Paul Schmeling, Emerson Process Management</i>                      4:15 pm-5:00 pm • 006C</p>
<b>08-341</b>	<p><b>Using PredictPro's Optimizer to Maximize Profit From a Real-time Electrical Purchase Agreement</b>  <i>Carl Sheehan, NORPAC Controls Ltd.</i>                      4:15 pm-5:00 pm • 206B</p>
<b>01B-175</b>	<p><b>Weathering the Storm Using Grounding Best Practices and Transient Protection for Radar Level</b>  <i>Josh Morrow, Lori Egbers, Emerson Process Management</i>                      4:15 pm-5:00 pm • 206A</p>
<b>12-454</b>	<p><b>Wireless Monitoring of pH to Meet EPA-Regulated Effluent Requirements at Plant Perimeter</b>  <i>Pete Anson, Emerson Process Management</i>                      4:15 pm-5:00 pm • 213A</p>
<b>12-265</b>	<p><b>Wireless Wonder: An Infrastructure for Communication, Safety, and Success</b>  <i>Arlo Greiss, Emerson Process Management; Jeff Vodovis, DuPont</i>                      4:15 pm-5:00 pm • 212A</p>

**Certified Short Courses**

13-339	<p><b>Control Valve Selection for Real, Non-Standard, or Critical Process Applications</b>  <i>Marc Riveland, Roger Anders, Dennis Beckman, Melissa Niesen, Emerson Process Management</i>              8:00 am-12:00 pm • 101A</p>
13-564	<p><b>Fundamentals of Vibration Analysis</b>  <i>Ron Vowell, Emerson Process Management</i>              8:00 am-12:00 pm • 101B</p>
<b>Short Courses</b>	
01B-420	<p><b>Advanced Pressure Diagnostics in Any System Environment</b>  <i>Bill Zhou, John Miller, Paul Schmeling, Emerson Process Management</i>              8:00 am-9:30 am • 204A</p>
02-214	<p><b>Beyond I/O: ISA95 Level 3 and Manufacturing Operations Management</b>  <i>Jonathan Lustri, Emerson Process Management</i>              8:00 am-9:30 am • 201</p>
11-386	<p><b>Control Valve Troubleshooting and Performance Tracking – There’s an App for That</b>  <i>Mark Petruccelli, Shawn Anderson, Matt Estabrook, Emerson Process Management</i>              8:00 am-9:30 am • 207A</p>
01A-352	<p><b>Enabling and Ensuring Value From Your Predictive Technology Investment</b>  <i>Dan Stedham, Todd Schools, Emerson Process Management</i>              8:00 am-9:30 am • 202A</p>
02-491	<p><b>Managing Electronic Logs and Equipment Status with Syncade ET</b>  <i>Catherine Tabor, Emerson Process Management</i>              8:00 am-9:30 am • 205</p>
07-120	<p><b>Manufacturing Execution Through Servant Leadership</b>  <i>Ben Hopkins, DSM NeoResins+</i>              8:00 am-9:30 am • 206A</p>
03-304	<p><b>PROVOX and Siemens S5 to DeltaV Migration During Operation</b>  <i>Stig Myrland, Hakon Waerstad, Yara International ASA</i>              8:00 am-9:30 am • 203A</p>
12-163	<p><b>Smart Wireless Vision, Opportunities, and Solutions</b>  <i>Neil Peterson, Lara Kauchak, Emerson Process Management</i>              8:00 am-9:30 am • 207B</p>
02-212	<p><b>Syncade Documentation Management of Change</b>  <i>Lynn Richard, Emerson Process Management</i>              8:00 am-9:30 am • 202B</p>

**Workshops**

<b>07-355</b>	<p><b>Business Case for the Assessment of DeltaV and Wireless in Oil and Gas Greenfield and Brownfield Projects</b>  <i>David Newman, Emerson Process Management</i>                      8:00 am-8:45 am • 212B</p>
<b>07-529</b>	<p><b>Human-Centered Design of Operations: From the Inside Out</b>  <i>Dal Vernon Reising, Peter Bullemer, Human Centered Solutions</i>                      8:00 am-8:45 am • 212A</p>
<b>06B-496</b>	<p><b>I Can't Believe It's Not Balanced...A Better Way to Measure Level</b>  <i>Patrick Hozdic, Emerson Process Management</i>                      8:00 am-8:45 am • 210A</p>
<b>08-134</b>	<p><b>Solving Loop Interactions in a New LNG Train Using Combined Emerson Tools</b>  <i>Mark Coughran, Emerson Process Management</i>                      8:00 am-8:45 am • 213B</p>
<b>01B-140</b>	<p><b>Stop Playing Maintenance Guessing Games with Radar Level by Using Advanced Signal Quality Diagnostics</b>  <i>Lori Egbers, Winton Roberds, Emerson Process Management</i>                      8:00 am-8:45 am • 210B</p>
<b>08-084</b>	<p><b>Sustaining and Extending Advanced Control Value in an Operating Plant</b>  <i>Kaylynn Johnston, Goodyear Chemical; Jon Cimino, Scallon Controls</i>                      8:00 am-8:45 am • 213A</p>

## Meet the Experts

<b>ME-580</b>	<p><b>Alliance Program</b>  <i>Ken Madsen, Emerson Process Management</i>                      9:00 am-9:45 am • 214A</p>
<b>ME-593</b>	<p><b>Safety Lifecycle Management – Part 1</b>  <i>Mike Boudreaux, Emerson Process Management</i>                      9:00 am-9:45 am • 211</p>
<b>ME-578</b>	<p><b>Social Media and Online Communities</b>  <i>Jim Cahill, Mike Tongwarin, Emerson Process Management; Paul Maurath, Procter &amp; Gamble</i>                      9:00 am-9:45 am • 214B</p>

## Workshops

<b>07-494</b>	<p><b>How an Alliance with Emerson Can Increase Value Delivered</b>  <i>Don Scharringhausen, Puffer-Sweiven; Dino DeSalvo, LyondellBasell Industries</i>                      9:00 am-9:45 am • 212A</p>
<b>08-437</b>	<p><b>Model Predictive Control for Integrating Processes</b>  <i>Lou Heavner, Emerson Process Management</i>                      9:00 am-9:45 am • 213B</p>
<b>07-048</b>	<p><b>Process Automation System Lifecycle Management and Migration</b>  <i>Lawrence O'Brien, ARC Advisory Group</i>                      9:00 am-9:45 am • 212B</p>
<b>08-173</b>	<p><b>Quick Hit Financial Benefit of SmartProcess Application</b>  <i>Thomas Novotny, Citgo Lemont Refinery; Gary Hawkins, Emerson Process Management</i>                      9:00 am-9:45 am • 213A</p>

## Meet the Experts

ME-576	<p><b>How to Get Started With Advanced Control</b>  <i>Terry Blevins, Emerson Process Management</i>                      10:00 am-10:45 am • 214B</p>
ME-577	<p><b>Product Lifecycle Costs</b>  <i>Lawrence O'Brien, ARC Advisory Group; Nathan Pettus, Emerson Process Management</i>                      10:00 am-10:45 am • 214A</p>
ME-594	<p><b>Safety Lifecycle Management – Part 2</b>  <i>Mike Boudreaux, Emerson Process Management</i>                      10:00 am-10:45 am • 211</p>

## Short Courses

02-180	<p><b>Syncade Electronic Workflow/Procedures</b>  <i>Christie Deitz, Robert Dvorak, Emerson Process Management</i>                      10:00 am-11:30 am • 204A</p>
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## Workshops

01B-253	<p><b>Alternative Energy: Online Vibration Monitoring of Three Hydroelectric Power Plants in Chile</b>  <i>Raul Marin, Colbun</i>                      10:00 am-10:45 am • 210B</p>
06B-030	<p><b>Are You a “Process Whisperer”? Best Practices for Successful Process Diagnostics with Fast Sampling Pressure Transmitters</b>  <i>Roger Pihlaja, Emerson Process Management</i>                      10:00 am-10:45 am • 210A</p>
06B-438	<p><b>Can I Detect a Plugged Impulse Line Using Advanced Pressure Diagnostics?</b>  <i>Paul Schmeling, John Miller, Emerson Process Management</i>                      10:00 am-10:45 am • 201</p>
06B-207	<p><b>Contacting Radar Was Installed with Existing Load Cell Technology to Increase Throughput and Enable Continuous Automated Control</b>  <i>Barry Schardt, Red Arrow Products; Jim Hansen, Pete Ronhovde, Emerson Process Management</i>                      10:00 am-10:45 am • 202B</p>
06B-330	<p><b>Demystifying Guided Wave Radar</b>  <i>Andreas Hessel, Ingemar Serneby, Emerson Process Management</i>                      10:00 am-10:45 am • 203B</p>
06B-146	<p><b>EDDL Enhancements and Device Dashboards Are the Building Blocks for Easy Commissioning and Valuable Level Diagnostics</b>  <i>Tim Chettle, Lori Egbers, Emerson Process Management</i>                      10:00 am-10:45 am • 206A</p>

**Workshops continued...**

08-495	<p><b>Food Plant Waste Stream Turned to Profit</b>  <i>John MacIsaac, McCain Foods – Canada; Michel Portelance, Laurentide Controls, Ltd.; Robert Sabin, Emerson Process Management</i>                      10:00 am-10:45 am • 213A</p>
06B-022	<p><b>FOUNDATION fieldbus, Faster, Safer, More Reliable Plants</b>  <i>Travis Hesketh, Emerson Process Management</i>                      10:00 am-10:45 am • 206B</p>
06B-418	<p><b>Great Protocols Think Alike – Profibus and FOUNDATION fieldbus Team Up on a Fascinating Application</b>  <i>Rajiv Shah, Jacobs Technology; James Powell, Siemens; Russ Muller, Emerson Process Management</i>                      10:00 am-10:45 am • 202A</p>
09-544	<p><b>How Range Fuels Partnered with Emerson and Benefitted From the Main Automation Contractor Approach to Project Execution</b>  <i>Rod McAdams, Emerson Process Management</i>                      10:00 am-10:45 am • 213B</p>
04-375	<p><b>How To: DeltaV Version 10 Group Policy Management</b>  <i>Randy Pratt, Emerson Process Management</i>                      10:00 am-10:45 am • 203A</p>
06B-317	<p><b>Measuring Critical Temperatures Using High Density Transmitters</b>  <i>Mike Pearson, Jim Cobb, Emerson Process Management</i>                      10:00 am-10:45 am • 205</p>
07-467	<p><b>Meridium and Emerson Partnership Helps Improve Plant Availability and Performance Through Enhanced Asset Management</b>  <i>Bob Francis, Meridium, Inc.; Augie DiGiovanni, Emerson Process Management</i>                      10:00 am-10:45 am • 212A</p>
06B-509	<p><b>Smart Field – Does Instrumentation Really Matter?</b>  <i>Brett Morrison, Emerson Process Management</i>                      10:00 am-10:45 am • 207B</p>
07-183	<p><b>Tech Lead as Mentor – What? I'm Too Busy for That!</b>  <i>Terry Seanard, New England Controls, Inc.</i>                      10:00 am-10:45 am • 212B</p>
06B-024	<p><b>Your Overfill Alarm Doesn't Howl Very Often. Are You Sure It's Alert?</b>  <i>Ulf Johannesson, Emerson Process Management</i>                      10:00 am-10:45 am • 207A</p>

**Meet the Experts**

<b>ME-592</b>	<p><b>Debunking the Myths of Operator Performance</b>  <i>Dave Strohbar, Beville; Cindy Scott, Emerson Process Management</i>                      11:00 am-11:45 am • 211</p>
<b>ME-579</b>	<p><b>The Future of Management</b>  <i>David Beckmann, BeckTech</i>                      11:00 am-11:45 am • 214A</p>

**Workshops**

<b>06B-075</b>	<p><b>A Journey of 1st Generation Mechanical Level Indication to Cutting Edge Technology of Radar Type Level System in Tank Farm Unit at Reliance, Patalganga, India</b>  <i>Sanjay Ghiya, Reliance Industries Limited</i>                      11:00 am-11:45 am • 206A</p>
<b>06B-423</b>	<p><b>Cold Climates – New Best Practices for Steam Flow and Other Measurements</b>  <i>Mark Menezes, Emerson Process Management</i>                      11:00 am-11:45 am • 207A</p>
<b>06B-224</b>	<p><b>Driving Automation in Municipal Wastewater Plants</b>  <i>Steve Bartz, Alex Harvey, Emerson Industrial Automation</i>                      11:00 am-11:45 am • 203A</p>
<b>06B-106</b>	<p><b>Emerson Interfaces to Smart Plant Instrumentation</b>  <i>John Dressel, Fluor</i>                      11:00 am-11:45 am • 205</p>
<b>10-093</b>	<p><b>How to Avoid Shooting Yourself in the Foot with Your SIS</b>  <i>Maruti Dey, Emerson Process Management</i>                      11:00 am-11:45 am • 213B</p>
<b>08-288</b>	<p><b>Interesting and Useful Features of the DeltaV PID, Ratio, and Bias/Gain Control Block</b>  <i>James Beall, Emerson Process Management</i>                      11:00 am-11:45 am • 213A</p>
<b>06B-428</b>	<p><b>Keeping a Level Head for Better Measurement Results</b>  <i>Michael Bechthold, Jay Scheldorf, Emerson Process Management</i>                      11:00 am-11:45 am • 202B</p>
<b>01B-277</b>	<p><b>Root Cause Analysis Solves Downtime Dilemma and Increases Life Cycle Efficiency in Large Coal Utility</b>  <i>Ken Wolfe, Vinson Process Controls; Mark Anderson, Emerson Process Management</i>                      11:00 am-11:45 am • 210B</p>

**Workshops continued...**

07-074	<b>The “Smart” Plant of the Future</b> <i>Douglas White, Emerson Process Management</i> 11:00 am-11:45 am • 212B
07-040	<b>You Too Are Selling – How to Sell Your Ideas Internally</b> <i>David Kraft, Emerson Process Management</i> 11:00 am-11:45 am • 212A

## 2011 Conference

The 2011 Emerson Global Users Exchange will be held in  
**Nashville, Tennessee** at the  
**Gaylord Opryland Resort & Convention Center**  
**October 24-28, 2011**

Mark your calendars to join us in Nashville, Tennessee!



If you are interested in presenting at the 2011 conference, please submit  
an abstract during the **Call for Papers**: January 17-March 14, 2011

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