



**May 13, 2010 UPDATE:**

The conference program is posted below. All seminars qualify for Professional Development Hour (PDH) credit but must be taken in one hour segments. Earn up to 5 hours of PDH by choosing from the 15 one hour sessions in three tracks and 26 different seminar topics. Keynote and lunchtime panel are not included for PDH.

**4<sup>th</sup> Technology Innovation Conference - May 20, 2010**  
**MeadowView Convention Center, Kingsport TN**

<b>8:30 – 9:45 AM</b>			
<b>Keynote: <i>Building for the Future in a Cost Constrained Environment</i></b> <u>Industrial Perspectives:</u> Eastman Chemical Company Executives <i>J. Parker Smith, Vice President &amp; General Manager of Worldwide Manufacturing Support and Quality</i> <i>Debbie Davis Waltermire, Director of Global Indirect Procurement &amp; Supply Chain</i> <i>Mark K. Cox, Vice President for Chemical Fibers, Performance Polymers and Technology</i> <u>Supplier Perspectives (Gold Sponsors):</u> Emerson Process Management, Honeywell Process Solutions, Teikoku USA <u>Innovation Snapshots (Silver Sponsors):</u> Endress + Hauser			
<b>10:00 AM – 4:00 PM</b>		<b>eChemExpo <i>Solutions Marketplace</i></b> <b>Exhibit Hall Open (100 supplier companies)</b>	
<b>4<sup>th</sup> Technology Innovation Conference</b>			
	<b>Process &amp; Mechanical Technologies</b> <i>...capability enhancement, energy efficiency, capital intensity</i>	<b>Plant Reliability &amp; Instrumentation</b> <i>...wireless, device lifecycle management, ultrasonic flow, monitoring, diagnostics</i>	<b>NEW- Vacuum Technologies Symposium &amp; Sustainability</b> <i>...energy efficiency, greener process, capital intensity, sustainability</i>
	<b>Pumping &amp; Mixing</b>	<b>Wireless and Asset Management</b>	<b>Selecting a Vacuum Pump-Part 1</b>
<b>10:15 – 10:40 AM</b>	<b>GOLD SPONSOR</b> High Temperature High Pressure Pumping (Teikoku USA)	<b>GOLD SPONSOR</b> Wireless and Asset Management Device Systems (Emerson Process Management)	Selecting the Right Liquid Ring Vacuum Pump for the Application (Gardner Denver Nash)
<b>10:45 – 11:10 AM</b>	New Impeller Meets Challenges of Gas Dispersion (Philadelphia Mixing Solutions)		Intercooled Vacuum Boosters for Industrial Applications (Pfeiffer Vacuum)
	<b>Distillation &amp; Centrifugation</b>	<b>Life Cycle and Device Asset Management of Instrumentation</b>	<b>Selecting a Vacuum Pump-Part 2</b>
<b>11:15 – 11:40 AM</b>	Recent Developments in High Performance Mass Transfer Equipment (Koch Glitsch)	<b>SILVER SPONSOR</b> Calibration Life Cycle Management Best Practices (Endress + Hauser)	Variable Pitch Rotary Screw Vacuum Pumps Improve Vacuum Efficiency (Busch LLC)
<b>11:45 – 12:10 AM</b>	Scale-up of Liquid /Liquid Centrifuges (Robatel Inc)	<b>GOLD SPONSOR</b> Device Asset Management Solutions (Honeywell Process Solutions)	Edwards Dry Vacuum Pumps: The Claw and Scroll (Edwards Vacuum)
<b>12:15 – 12:45 PM</b>	<b>NEW – FEATURED PANEL</b> <b><i>Plant Reliability &amp; Sustainability: Cornerstones for Future Growth?</i></b> <b>Institute for a Secure &amp; Sustainable Environment, Eastman, BAE Systems, Honeywell Process Solutions</b> (Cosponsored by ASQ 1106, AIChE East TN Section, ASME Holston Section)		
	<b>Energy Efficiency</b>	<b>Special Topics</b>	<b>Vacuum-Part 3 &amp; Ultrasonic Testing</b>
<b>1: 00 – 1:25 PM</b>	<b>GOLD SPONSOR</b> Energy Efficiency Optimization (Honeywell Process Solutions)	<b>GOLD SPONSOR</b> Seal Less Pump & Condition Monitoring (Teikoku USA)	Total Cost of Ownership for Dry Screw Pumping Technology (SIHI Pumps Inc.)
<b>1:30 – 1:55 PM</b>	How do we save energy in our steam systems? (Swagelok)	Multi-variant Analysis for Asset Management (GE Intelligent Platforms)	Ultrasonic Emission Testing for Cycle Isolation (Control Southern, Inc)
	<b>Expansion Joints Tutorial</b>	<b>Ultrasonic Flow &amp; Valve Diagnostics</b>	<b>Sustainability</b>
<b>2:00 - 2:25 PM</b>	The Design and Application of Expansion Joints (Senior Flexonics Pathway)	Advances in Ultrasonic Flow Measurement (Krohne)	<b>NEW-</b> Defining Sustainability from a Business Platform Perspective (Institute for a Secure & Sustainable Environment)
<b>2:30 – 2:55 PM</b>		Flowserve ValveSight Software and Logix MD Positioner (Flowserve)	
	<b>ASME New Standard Updates</b>	<b>Instrumentation</b>	<b>Sustainability &amp; Automation</b>
<b>3:00 – 3:25 PM</b>	Bolted Joint Assembly Guidelines (VSP Technologies)	Pre-Insulated and Heat Traced Tubing Products (Parker Hannifin)	<b>NEW-</b> Sustainability of Customer IP and Existing DCS Infrastructure while Implementing New Productivity Tools (NovaTech)
<b>3:30 – 3:55 PM</b>	Alternative Bolt Assembly Patterns (VSP Technologies)	Double Block and Bleed Flanged Products with Fugitive Emission	

## 2010 GOLD SPONSORS



## 2010 SILVER SPONSORS



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