

**ISA EXPO 2007 Technical Conference  
Preliminary Schedule-at-a-Glance**

<b>Tuesday, 2 Oct.</b>	<b>10:00am - 11:30am</b>	<b>2:00pm – 3:30pm</b>	<b>3:45pm – 5:15pm</b>
<b>Environmental and Quality Control</b>	Quality Improvements Using Process Analysis  The Future: New Legislation for Power & Energy	Data Management of Measurement Systems  Advanced Optimization Control for Power & Energy	Process Analytical Technology (PAT) – The FDA Way  Spectroscopy – Rapid Non-Consuming Quality Monitoring
<b>Industrial Networking</b>	SP-100 Wireless Standard Update  Ethernet I/O	SP100 Wireless Standard User Panel  Network Resiliency - Tutorial	SCADA Communication Revolution  Safety Buses – Panel
<b>Process Automation</b>	Regulatory Control  Analytical Instrumentation	Process Engineering – Fatal Mistakes - Tutorial  Batch Applications	Flow Measurement  Model Predictive Control
<b>Safety</b>	Differing Views of the Separation of Control & Safety	Fire & Gas	New SIS Hardware Developments
<b>Security</b>	Regulatory Environment 1 – Panel	Regulatory Environment II – Panel	ISA-99 Update
<b>Systems Integration</b>	The Realities of a Changing Workforce – Attracting, Developing, Maintaining Personnel  Project Management Techniques	Multi-Sourcing  Main Automation Contractor Strategies	Using Control System Integrators  Enterprise Application Integration – Connecting your Plant Floor to the Back Office

<b>Wednesday, 3 Oct.</b>	<b>10:00am - 11:30am</b>	<b>2:00pm – 3:30pm</b>	<b>3:45pm – 5:15pm</b>
<b>Environmental and Quality Control</b>	The Basics of Seawater Desalting – Tutorial Emissions Monitoring Techniques	Wastewater Applications HRVOC Systems Status & Issues – Panel	Pharmaceutical Quality Issues CEMS Sample Systems Developments
<b>Industrial Networking</b>	HART Wireless Standards Progress Industrial Ethernet	New Developments in Industrial Networks Fieldbus Realized Benefits	OPC UA – Tutorial Profibus PA Realized Benefits
<b>Process Automation</b>	Digital Oilpatch Batch Applications	Advanced Regulatory Control Process Separators - Tutorial	Model Predictive Control Next Generation Manufacturing Technology
<b>Safety</b>	User & Vendor Needs – Panel	User SIS Life Cycle Tools	Global Comments on ANSI/ISA 84.00.01-2004 (IEC61511 mod)
<b>Security</b>	Security Risk Analysis – Panel	Auditing – Panel	Incident & Vulnerability Reporting
<b>Systems Integration</b>	Operational Dashboards – Summarizing Plant Performance Integrating Asset Management Systems to Your Plant Systems	Developing Technology Master Plans – Following a Methodology for Technology Lifecycle Justifying Your Technology Investments	Change Management Information Technology

<b>Thursday, 4 Oct.</b>	<b>10:00am - 11:30am</b>	<b>2:00pm – 3:30pm</b>
<b>Environmental and Quality Control</b>	Water Systems Security - Tutorial Building Controls Issues	Water Applications Analysis Division GTF Award Papers
<b>Industrial Networking</b>	Wireless Applications I	Wireless Applications II
<b>Process Automation</b>	Advanced Control Batch Applications	Wireless Distillation - Tutorial
<b>Safety</b>	Alarm Management – Tutorial	SIS Testing War Stories - Tutorial
<b>Security</b>	Deploying Security Technologies	Wireless Security - Tutorial
<b>Systems Integration</b>	Professional Development and Management	Applications
<b>Bonus Track: Aerospace Applications</b>	Aerospace Applications I	Aerospace Applications II