



Technical Program Updates

**JUST
ADDED!**

New Presenters

Richard Tunstall, Lee College

Paul Barnard, Equistar Chemical Co.

Session: Analyzer Technician Opportunities Project (ATOP)

Date/Time: Tuesday, 18 October, 3:30 p.m.

Track: Analyzers

Room: 202 B

Larry Suttinger, Savannah River Site

Session: SIS Testing and Documentation Practices

Date/Time: Wednesday, 19 October, 3:30 p.m.

Track: Safety and Security

Room: 203 A

Jim Cahill, Emerson Process Management

Session: Building the Perfect Automation Professional

Date/Time: Wednesday, 19 October, 10:00 a.m.

Track: Human Asset Optimization

Room: 202 B

Diane Chehab, New York City Housing Authority

Session: Building Automation Panel

Date/Time: Thursday, 20 October, 1:30 p.m.

Track: Automation & Control

System Design

Room: 204 A

Dave Vollaire, GF Piping Systems

Session: Plant Optimization— It's a Continuous Process

Date/Time: Thursday, 20 October, 1:30 p.m.

Track: Installation, Operations and Maintenance

Room: 204 B

George Benton, Thermo Fisher Scientific

Session: Environmental and Process Monitoring Issues and Answers

Date/Time: Thursday, 20 October, 1:30 p.m.

Track: Analyzers

Room: 202 B

Speaker Presentation Changes

Rao Kalapatapu, S&B Engineers and Constructors

OLD Session: Findings from the Field

NEW Session: Industrial Control System Security Standards

Paper: Security and Surveillance Systems for Industrial Plants

Date/Time: Thursday, 20 October, 10:00 a.m.

Track: Safety & Security

Room: 203 A

Brian LaBelle, GF Piping Systems

OLD Session: Industrial Practices

NEW Session: Plant Optimization— It's a Continuous Process

Paper: Keep the Butter in Your Butterfly Valves!

Date/Time: Thursday, 20 October, 1:30 p.m.

Track: Installation, Operations and Maintenance

Room: 204 B

Muhammad Al-Khalifah, Saudi Aramco

OLD Session: Project Acceptance— Things You Must Know

NEW Session: Plant Optimization—It's a Continuous Process

Paper: Instrumentation and Process Control System

Pre-Commissioning Roadmap

Date/Time: Thursday, 20 October, 1:30 p.m.

Track: Installation, Operations and Maintenance

Room: 204 B

Speaker Replacements

Amogh Prabhu, Air Liquide, will be presenting for Tong Li, Air Liquide

Paper: Real Time Optimization of Air Separation Plants

Session: Optimizing Control

Date/Time: Wednesday, 19 October, 3:30 p.m.

Track: Automation Process Control Techniques

Room: 203 B

Steve Huffman, Mead O'Brien, Inc will be presenting for Dave Adler, Brillig Systems

Session: Career Discussion

Date/Time: Wednesday, 19 October, 10:00 a.m.

Track: Human Asset Optimization

Room: 203 B

Senthil Kumar, Hudson Technologies Company, will be presenting for Ven Venkatesan, VGA Engg.

Paper: Energy Model of the Pyro-processing of Clinker in a Rotary Kiln
Session: Energy Optimization: Monitor, Improve, and Sustain Energy Productivity
Date/Time: Tuesday, 18 October, 3:30 p.m.
Track: Energy
Room: 201 A

Dan Berrett, DHS, will be presenting for Marty Edwards, DHS
Paper: Cyber Threat Landscape Impacting Industrial Control Systems: Is Your Organization Prepared?
Session: Threats and Modeling
Date/Time: Wednesday, 19 October, 10:00 a.m.
Track: Safety & Security
Room: 203 A

David Potter, National Instruments, will be presenting for Nathan Yang, National Instruments
Paper: Optical Sensors: Breaking the Rules of Conventional Sensing
Session: Advanced Applications I
Date/Time: Wednesday, 19 October, 10:00 a.m.
Track: Advanced Process Control Techniques
Room: 203 B

Cancelled Papers

Clint Khan, BG Trinidad and Tobago
Paper: Troubleshooting and Redesigning Pneumatic Level Control Loops
Track: Installation, Operations, and Maintenance
Date/Time: Thursday, 20 October, 1:30 p.m.

Scott Howard, Trusted Computing Group
Paper: SCADA and Control System
Security: New Standards Protecting Old Technology
Track: Safety & Security
Date/Time: Thursday, 20 October, 10:00 a.m.

Nary Subramanian, University of Texas at Tyler
Paper: Analysis of Cybersecurity of Petroleum Industry Using Threat Trees
Track: Safety & Security
Date/Time: Wednesday, 19 October, 10:00 a.m.

Mike Scott and **Carolyn Presgraves**, aeSolutions
Paper: Elements of an Effective Safety Lifecycle Management System
Date/Time: Thursday, 20 October 1:30 p.m.-2:10 p.m.
Technology Solutions Theater

Cancelled Sessions

Session: Project Acceptance—Things You Must Know
Date/Time: Thursday, 20 October, 3:30 p.m.
Track: Installation, Operations and Maintenance

Poster Session Addition

Jason Low (presenting)
Session: SCADA Reporting with Open Source Software
Track: Installation, Operations and Maintenance
Date/Time: Wednesday, October 19, 2:30 p.m.
SCADA reporting is one of the last and frequently overlooked requirements when implementing water supply and treatment systems and waste water collection and treatment systems. Reports are often developed using spreadsheets with custom macros specifically written to extract and display data from the target process. Spreadsheet-based reporting suffers from file management problems and requires considerable amounts of time to program and test.

Final Spotlight Technical Session Schedule

Brian Root, FDT Group
Session: Improving Operation Performance with Standardized Device Integration
Date/Time: Thursday, 20 October, 11:30 a.m.–12:30 p.m.
Location: Supplier Showcase Floor

End-user demands are on the rise as opportunities in the process automation industry thrive with the new technology and business benefits. What do users want? Well, how about a single engineering environment to manage, commission, and configure any field device, from any device manufacturer, while connected to any fieldbus communication protocol preserving their investment. With FDT, users can expect all this and more. This presentation will review how FDT Technology works and the benefits it bring the automation and control industry.

Guangshu Jin and **Jianwei Wei**, Microcyber Inc.
Session: Fieldbus Products Solution
Date/Time: Thursday, 20 October, 11:30 a.m.–12:30 p.m.
Location: Supplier Showcase Floor

Field OEM solutions simplify device development
Fieldbus OEM solutions from Microcyber help automation equipment suppliers develop fieldbus devices with HART, FF, or Profibus protocol. Offerings include a newly designed communication board that can be tailored to specific requirements. In addition, Microcyber provides technical support, such as registration testing, integration testing.

Microcyber's Fieldbus Development Toolkits are excellent development assistance, and help you supply a variety of fieldbus products with independent intellectual property right in an efficient amount of time.

Features:
-CFF, EDDL/GSD template
-Source code for DD, function blocks, communication controller drive
-Protocol Library
-Function block interface library
-Operation system interface
-Training

Dan Kelly, Smith Flow Control
Session: Valve Interlocks for Process Safety and PSM/Haz-Op
Date/Time: Thursday, 20 October, 11:30 a.m.–12:30 p.m.
Location: Supplier Showcase Floor

Smith Flow Control supplies Valve Interlock Systems which help plants operate safer. Valve Interlocks incorporate trapped/released keys which impose a pre-determined sequence of operation. These

systems remove human error from the operation. They are an excellent alternative to reliance on written procedures and training, while offering a lower cost alternative to Distributed Control Systems. Valve Interlocks help plan personnel solve difficult process safety issues typically identified during Haz-Op reviews and can assist with Process Safety Management compliance.

Supplier Showcase Additions

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Englobal US Inc

ENGlobal is an energy engineering and professional services firm, focused on innovative, cost-effective solutions. ENGlobal has grown into a recognized, international corporation by remaining committed to our clients with fresh ideas and professional experience. ENGlobal has expanded into several market sectors, including, but not limited to: petroleum, gas, chemical, power, and petrochemical markets, with projects ranging from single in-plant assignments to large EPCm (Engineering, Procurement and Construction Management) projects. We firmly believe that attention to detail drives the success of our projects, thus driving the success of our clients.

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ABB Instrumentation

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ABB is a global leader in the power and automation technologies that enable utility and industry customers to improve performance while lowering environmental impact. The ABB Group of companies operates in around 100 countries and employs about 130,000 people.

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Fluid Components International solves flow and level measurement applications for industrial process and plant applications using patented thermal dispersion flow measurement technologies; With more than 40 years experience and the world's largest installed base of thermal dispersion instruments, you can count on FCI to know your application and have proven solutions that will save you time and expense.

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Additional

Technician Day Workshops

If you have registered for the full technical conference or if you have a one-day conference pass for Thursday, you may attend Technician Day workshops on a space-available basis. Due to limited space, seating preference will be given to registered Technician Day attendees.



Join the Twitter conversation at ISA Automation Week 2011 with **#isautowk**

Share your ISA Automation Week 2011 experiences with other attendees, and to the rest of the world via Twitter. During ISA Automation Week 2011, a Twitter feed will be displayed on the concourse by the technical session rooms. The feed will display all tweets that include the following hash tag: **#isautowk**

What to Tweet?

Tweet about what you see, share something about a session you've attended, tweet about your experiences, mention something neat you might see on the showcase floor, etc. Remember, you only have 140 characters!

How to join the conversation?

1. Set up a Twitter account (if you don't already have one) at www.twitter.com
2. Tweet from your account—a tweet is only 140 characters—use it wisely!
3. Add the hash tag listed above in your tweets and your tweet will automatically show up in our Twitter feed onsite.
4. Stop by the Twitter feed, either live (located by the session rooms in the #200s on the concourse) or by following the hash tag **#isautowk** on **www.twitter.com**.

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