



**Automation Fair®**  
NOV 20-21, 2019 • CHICAGO, IL

# Oil and Gas

## YOUR IDEAL DAY PLANNING GUIDE

Don't miss these industry-specific sessions happening at Automation Fair® 2019.

### FORUM

F08 Oil and Gas

### HANDS-ON LABS

#### INFORMATION & ANALYTICS

- L05 Minimize Downtime and Maintenance Costs with Anomaly Detection
- L18 Reducing Waste with FactoryTalk® Analytics LogixAI™ Embedded Analytics and the FactoryTalk® Historian ME Application
- L28 Gaining Value from Augmented Reality with Vuforia Studio

#### POWER, MOTION & MOTOR CONTROL

- L01 Programming PowerFlex® 755T Drives with TotalFORCE® Technology
- L06 Integrating CENTERLINE® Motor Control Centers with Studio 5000® and IntelliCENTER® Software

#### PROCESS

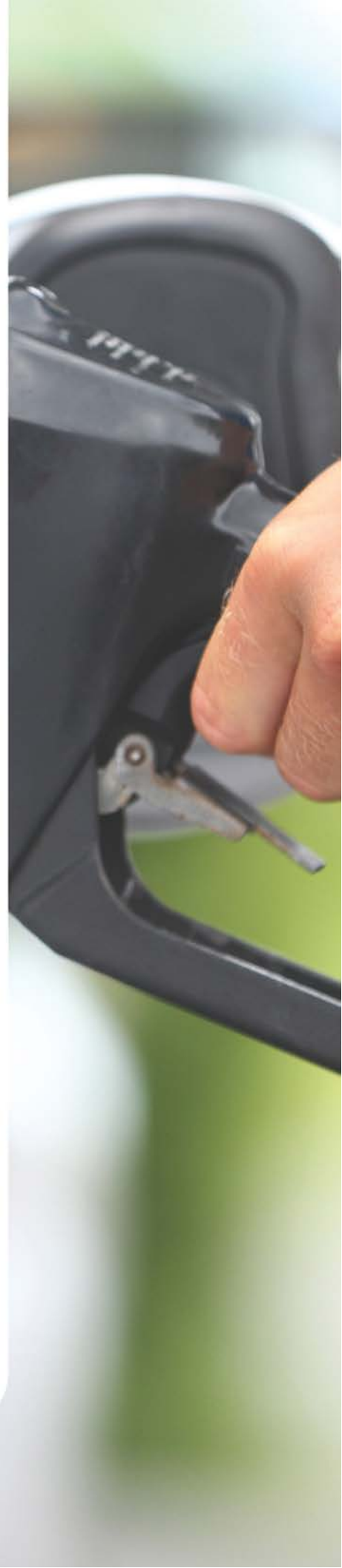
- L13 Easy Advanced Control Embedded in PlantPAx®
- L14 Introduction to the PlantPAx® Distributed Control System for Operations and System Engineering

#### SAFETY & SECURITY

- L08 Introduction to Network Security Lab

#### SYSTEMS

- L22 ThinManager® Experience the Platform's Power and Simplicity: Basic Lab



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### TECHNICAL SESSIONS

#### CONTROL

- T05 Enabling the Regulatory Control System to Optimize Plant Performance
- T09 What Adaptive Spectrum Technology Means to a Crowded Radio Frequency Environment

#### INFORMATION & ANALYTICS

- T16 Empower Your Connected Enterprise with FactoryTalk® InnovationSuite Powered by PTC
- T20 Reaching the Pinnacle of Your Connected Enterprise Journey Using Artificial Intelligence
- T23 Benefit from Machine Learning with Anomaly Detection and Predictive Maintenance
- T24 How IIoT, Sensor Data and Analytics Can Help to Enhance Equipment Reliability and Plant Uptime
- T25 How You Can Make a Digital Transformation Work for You Today and in the Future
- T26 Managing Risk and Reducing Downtime with LLumin's READYAsset, FactoryTalk®, and Vuforia AR from PTC

#### NETWORK INFRASTRUCTURE

- T21 Resilient Network Protocols for High-Availability Systems
- T41 Optimizing Control Systems for Wireless Networks in Critical, High-Availability Applications

- T44 Transforming Traditional Industrial Networks to Industrial IoT Architectures

#### POWER, MOTION & MOTOR CONTROL

- T47 Arc Flash Hazards and Arc Resistant Equipment: Standards and Solutions
- T48 Controlling EMI and Common Mode Current in VFD Systems and Why It's Important
- T51 How Do I Extract Analytics from My Smart Variable Frequency Drive (VFD) Solution
- T53 Intelligent Packaged Power: One Infrastructure, More Visibility and Better Control

#### PROCESS

- T65 DCS Modernization Tools, Tips and Tricks to Mitigate Risks
- T66 Empowering the Mobile Worker
- T67 Exploring the Functionality of the Rockwell Automation® Library of Process Objects
- T69 Leveraging Smart Harmonic Filter Technology to Improve Power Quality and Enhance SCADA Control Systems
- T71 PlantPax® System: What's New and What's Next
- T72 Process Monitoring and Control Loop Diagnostics Empower Plant Optimization Even in Smaller Plant Environments

#### SAFETY & SECURITY

- T77 Cybersecurity: Why and Where Do I Start?



## TECHNICAL SESSIONS (continued)

### SERVICES & SOLUTIONS

- T31 Industrial Cybersecurity: The Never Ending Journey
- T33 Machine Risk Assessments Using Software Tools: How to Keep Consistency and Improve Compliance
- T92 Optimizing Performance through Project Lifecycle Support
- T93 Bridging the Skills Gap: A Practical Approach

### VISUALIZATION & COLLABORATION

- T87 Extend Visibility and Handling of Alarms and Events: New Mobile Smartphone Application
- T88 How to Improve Plant Operations through Better HMI Graphics
- T91 Visualization: What's New and What's Next

