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

POWER, MOTION & MOTOR CONTROL

T44  Transforming Traditional Industrial Networks to Industrial IoT Architectures
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