



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

Automotive and Tire

YOUR IDEAL DAY PLANNING GUIDE

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

FORUMS

F03 Automotive and Tire

HANDS-ON LABS

CONTROL

- L09 Discover the Value of Scalable Compute
- L29 Integrated Architecture® Builder, Motion Analyzer, and ProposalWorks™: Basic Lab

DIGITAL ENGINEERING

- L19 iTRAK®: Design to Simulation with Emulate3D
- L20 MagneMotion: Design to Simulation with Emulate3D
- L21 Virtual Commissioning Using Emulate3D Software

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

- L06 Integrating CENTERLINE® Motor Control Centers with Studio 5000® and IntelliCENTER® Software
- L07 Integrated Motion on EtherNet/IP: Basic Lab
- L11 Integrated Motion on EtherNet/IP: Advanced Lab



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HANDS-ON LABS (continued)

SAFETY & SECURITY

- L04 Smart Safety Systems: Reducing Costs, Downtime and Injuries
- L08 Introduction to Network Security Lab
- L17 Developing Advanced Safety Applications Using the Allen-Bradley® GuardLogix Integrated Safety Controller Platform

VISUALIZATION & COLLABORATION

- L02 Machine-level HMI with FactoryTalk® View Machine Edition Application: Basic Lab
- L23 Distributed HMI with FactoryTalk® View Site Edition: Basic Lab
- L24 FactoryTalk® View Site Edition Application: What's New
- L25 Designing Machine-level HMI with PanelView 5000™ and Studio 5000 View Designer®

TECHNICAL SESSIONS

CONTROL

- T18 Introduction to Integrated Architecture® System Hardware
- T19 Introduction to Integrated Architecture® System Software

DIGITAL ENGINEERING

- T12 Leverage Digital Design to Build a Better System
- T14 Simulating Your Operations Unlocks New Decision Making Information for Your Enterprise
- T22 Virtual Commissioning and Digital Twin-based Machine Design

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
- T27 Optimize Your Production Process with MES and FactoryTalk® Analytics
- T28 Reports and Dashboards Belong in Every Application



TECHNICAL SESSIONS (continued)

NETWORK INFRASTRUCTURE

T44 Transforming Traditional Industrial Networks to Industrial IoT Architectures

POWER, MOTION & MOTOR CONTROL

- T53 Intelligent Packaged Power: One Infrastructure, More Visibility and Better Control
- T58 The Sweet Spot in the Robotics Market: How Small Industrial Actuators Drive Big Results
- T59 Unlocking the True Potential of Independent Cart Technology with The Connected Enterprise
- T60 What's New in PowerFlex® Drives
- T61 What's New in iTRAK® and MagneMotion® Intelligent Track Systems
- T62 What's New in Kinetix® Drives and Motors

SAFETY & SECURITY

- T76 CIP Security: Improving Control System Defense-in-Depth Security
- T77 Cybersecurity: Why and Where Do I Start?
- T78 Industrial Collaborative Robot Applications
- T79 Industrial Control System Protection: Silver Bullet for OT Endpoint Security
- T80 Logix Security for Machine Builders and End Users
- T81 Safety System Connectivity: Device to Enterprise
- T82 Safety System Development: Tools to Streamline Design and Implementation
- T84 The Industrial Internet of Things and IEC 62443: Create a Complete IIoT Solution without Compromising on Security
- T95 Introduction to Machinery Safety Application Design

SERVICES & SOLUTIONS

- T29 Driving Key Production Outcomes with Managed Services
- T31 Industrial Cybersecurity: The Never Ending Journey
- T34 Making Your Virtual Environment Work for You
- T92 Optimizing Performance through Project Lifecycle Support
- T93 Bridging the Skills Gap: A Practical Approach
- T94 Transform Industrial Asset Management through Digital Services

SYSTEMS

- T32 Integrating Robotics into a Logix Control Application

VISUALIZATION & COLLABORATION

- T90 Using FactoryTalk® ViewPoint and Mobile Applications for Maintenance and Troubleshooting
- T91 Visualization: What's New and What's Next

