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
Automotive and Tire

YOUR IDEAL DAY PLANNING GUIDE

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
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