

# MATERIAL HANDLING

Get the most out of the Automation Fair® Event

## YOUR IDEAL DAY PLANNING GUIDE

Tap into a wealth of in-depth industry knowledge from Rockwell Automation and members of the PartnerNetwork™ and learn how The Connected Enterprise can help make you more globally competitive and productive. Don't miss these industry-specific sessions happening at the 2018 Automation Fair® Event.

### FORUMS

OEMs/Smart Machines  
Material Handling  
Workforce Development

### HANDS-ON LABS

#### CONTROL

L03 - Experience Connected Components Workbench™ Software to Develop Your Basic Standalone Machine Application  
L17 - Studio 5000 Logix Designer®: Basics Lab  
L18 - Studio 5000 Logix Designer®: Advanced Lab

#### INFORMATION SOLUTIONS

L08 - Automate the Discovery of New Insights with Embedded Analytics

#### NETWORK INFRASTRUCTURE

L14 - Basic Stratix® Switch and EtherNet/IP Features in Converged Plantwide Ethernet (CPwE) Architectures

#### POWER, MOTION & MOTOR CONTROL

L04 - Drive Configuration and Programming Lab

#### SAFETY & SECURITY

L10 - Developing Advanced Safety Applications Using the Allen-Bradley® Integrated Safety Controller Platform  
L12 - Smart Safety Services: Using Software Tools to Manage the Safety Lifecycle and Obtain Valuable Data  
L15 - Introduction to Network Security Lab  
L22 - Smart Safety Systems: Reducing Costs, Downtime and Injuries



NOVEMBER 14 & 15  
Pennsylvania Convention Center  
[www.AutomationFair.com](http://www.AutomationFair.com)

# MATERIAL HANDLING

Get the most out of the Automation Fair® Event

## YOUR IDEAL DAY PLANNING GUIDE

### HANDS-ON LABS CONTINUED...

#### SYSTEM

- L02 - Tools that Simplify Product Sizing and Selection
- L06 - Smart Sensors for Your Architecture
- L21 - ThinManager® Experience the Platform's Power and Simplicity: Basic Lab

#### VISUALIZATION

- L07 - Distributed HMI with FactoryTalk® View Site Edition: Introductory Lab
- L20 - Designing Machine-level HMI with PanelView™ 5000 and Studio 5000® View Designer™: Introductory Lab

### TECHNICAL SESSIONS

#### CONTROL

- T01 - Introduction to FLEX 5000™ I/O
- T08 - Designing Highly Reliable DC Powered Control Systems
- T09 - Smart Devices: Helping Design Operate and Maintain The Connected Enterprise
- T10 - Studio 5000® Application Code Manager: Introduction and Demonstration
- T11 - Studio 5000® Design Environment® Overview
- T13 - What's New in Logix
- T29 - Mettler-Toledo, LLC: Help Ensure Accuracy and Minimize Scale Calibration Effort with Three Different Remote PLC Calibration Methods
- T78 - Maplesoft: Using Digital Twins for Fast, Low-Risk Virtual Commissioning

#### INFORMATION SOLUTIONS

- T02 - How to Get Started with Embedded Analytics
- T04 - The Power of Machines: Machine Learning and How it can Benefit Your Production and Improvement Goals
- T05 - Addressing Specific Manufacturing Challenges of All Sizes and Complexities with Scalable MES
- T14 - Scalable Analytics: Providing Actionable Insights for Key Stakeholders at All Levels of Your Organization
- T15 - Get the Most Customer Value from Industrial Internet of Things with FactoryTalk® Analytics and ThingWorx
- T95 - Rockwell Automation and OSIsoft: Operational Data Infrastructure for The Connected Enterprise

#### NETWORK INFRASTRUCTURE

- T17 - Selecting the Right Stratix® Switch for Your Application
- T22 - Kepware Technologies: Best Practices for Industrial Control System Security
- T35 - Dialight: Improve Personnel and Plant Safety with Innovations in Smart Lighting
- T53 - Design Considerations for Reliable EtherNet/IP Networking
- T54 - The Next Phase of the IT/OT Integration - Extending IT Security to the Cell/Area Zone of the Plant Architecture
- T55 - Cisco: Network Visibility and Intent Based Security
- T58 - Panduit: The Connected Cabinet
- T59 - Stratus Technologies, Inc.: Edge Computing For Industrial IoT



# MATERIAL HANDLING

Get the most out of the Automation Fair® Event

## YOUR IDEAL DAY PLANNING GUIDE

### TECHNICAL SESSIONS *CONTINUED...*

#### POWER, MOTION & MOTOR CONTROL

- T18 - Harmonic Mitigation - Problems, Causes, Limitations, Solutions
- T19 - Intelligent Packaged Power: One Infrastructure. More Visibility. Better Control.
- T20 - Leverage Process and Motor Control Technology to Monitor and Extend Mechanical Equipment Life
- T23 - MagneMotion® and iTRAK® Independent Cart Technology: Introduction
- T24 - What's New in Kinetix® Motion Control
- T25 - What's New in PowerFlex® Drives
- T27 - Arc Flash Hazards and Arc Resistant Equipment - Standards and Solutions
- T44 - Post Glover Resistors: Implementing a High-Resistance Grounding Feeder Monitoring System
- T46 - MTS Sensors: Smart Sensor Diagnostics for Machine Health Monitoring

#### PROCESS SOLUTIONS

- T65 - exida Consulting LLC: Functional Safety for Managers - What Managers Need to Know
- T67 - MECCO: Automating Production Management with Track and Trace
- T83 - HMS Industrial Networks: Enabling Safe Service

#### SAFETY & SECURITY

- T39 - TCIP Security: Improving Control System Defense-in-Depth Security
- T40 - Logix Security for Machine Builders and End Users
- T41 - Safe Position and Speed Monitoring – Real World Application of Advanced Safety Technology

- T42 - Symantec: Critical System Protection: Silver Bullet for OT Endpoint Security
- T69 - Introduction to Machinery Safety Application Design
- T70 - Introduction to the Allen-Bradley® Integrated Safety System
- T71 - Safety System Connectivity: Device to Enterprise
- T72 - Safety System Development Tools to Streamline Design and Implementation

#### SERVICES & SOLUTIONS

- T28 - Get Smart with Analytics and Managed Services to Deliver Outcomes
- T73 - Bridging the Skills Gap: A Practical Approach
- T74 - Cyber Safety - Security and Safety Collide
- T75 - Digital Asset Management
- T81 - Concept Systems Inc: Plant Modernization: Moving from Yesterday to Tomorrow
- T82 - SyTech Inc.: Alarm Management and ISA-18.2 – How Do I Get Started?
- T86 - Why Modernize? Performance, Flexibility and Analytics
- T87 - ProSoft Technology: Phased Modernization Tools and Techniques: Modernize on Your Maintenance Budget
- T88 - Spectrum Controls Inc.: Universal Industrial Gateway – Connect Multiple Devices, Across Multiple Protocols, in a Single Box
- T91 - Emulate3D, Ltd.: From Throughput Simulation Analysis to Virtual Commissioning and Dynamic Digital Twins - Show Me the Value

# MATERIAL HANDLING

Get the most out of the Automation Fair® Event

## YOUR IDEAL DAY PLANNING GUIDE

### TECHNICAL SESSIONS *CONTINUED...*

#### SYSTEM

T26 - ThinManager® Overview

T84 - DT Engineering: Unlocking the True Potential of Independent Cart Technology with The Connected Enterprise

T89 - Applying Modern Analytics to Maximize Savings & Minimize Downtime with Energy Management