ProMat 2023 8720 Red Oak Blvd. Suite 201 Charlotte, NC 28217











Find us on:



# the future of supply chains is within your grasp.

With over 900 of the world's leading manufacturing and supply chain solution providers under one roof, you can see firsthand what the future holds – and find the tools you need to shockproof your operations and move your business forward. From hands-on demonstrations to 150 educational seminars and four exciting keynote speeches, attending ProMat is your unrivaled opportunity in 2023 to find solutions, connect with your peers and leading solution-providers and learn the latest trends and technologies that can help you touch the future of supply chain success.

## WHY ATTEND PROMAT 2023?

- Discover new ways to reduce operating costs
   & increase efficiency
- Find ideas for streamlining and automating your operations
- Build strong business relationships with your peers and suppliers from around the world
- See the latest equipment and tech solutions, in-person, in-action
- Participate in thought-provoking keynotes and more than 150 educational seminars on emerging trends and technologies

## 2023 SHOW HOURS

**Monday** | March 20, 10:00 AM - 5:00 PM

**Tuesday** | March 21, 10:00 AM - 5:00 PM

**Wednesday** | March 22, 10:00 AM - 5:00 PM

**Thursday** | March 23, 10:00 AM - 3:00 PM

TOUCH
THE
FUTURE

# make new contacts.

## discover cuttingedge solutions.

## take advantage of the latest trends.

As the speed of manufacturing and logistics operations continues to accelerate, your company's future success depends on today's forward-thinking decisions.

On March 20-23, supply chain professionals from across the world will have an incredible opportunity to connect, learn, share and get a front row seat to where our world is headed. So whatever solutions you need to move your business – and your career – forward, you'll find them all at ProMat 2023.



## FIND YOUR NEXT BIG IDEA AT THE STARTUP PAVILION

The StartUp Pavilion is a specialized area on the ProMat show floor where companies showcase emerging supply chain tech and innovation

## IN-PERSON EXPERIENCES, OUTSTANDING RESULTS

There's no substitute for meeting face-to-face and watching equipment and technology operate in real time. ProMat 2023 gives you the chance to do both. ProMat brings the manufacturing and supply chain industry's most influential thought-leaders and next-generation solutions together under one roof to create the ideal environment for learning, networking and problem solving.

#### SET YOURSELF UP FOR FUTURE SUCCESS

The future of the manufacturing and supply chain industry starts at ProMat. It's where the brightest minds in the industry come together. In an industry that's constantly evolving, you have to stay ahead of the curve, which is why ProMat brings together all the products, services, and know-how you need to compete in the world we now live in.

### **NO RISK, PLENTY OF REWARD**

In addition to free attendance, ProMat 2023 offers all the resources you need to get your management's approval to come to Chicago in March. Visit promatshow.com/approval to find proposal writing tips and budgeting strategies. After all, the connections, education and solution-sourcing at ProMat could positively impact your business for years to come.

#### **EXPLORE GLOBAL OPPORTUNITIES**

ProMat is an international event with manufacturing and supply chain professionals attending from the United States and across the globe. To accommodate our international visitors, we offer special interpreting services, meeting rooms and matchmaking tools to help you take full advantage of a global economy.

## UNSURPASSED EDUCATIONAL OPPORTUNITIES

ProMat gives you a preview of what lies ahead in the manufacturing and supply chain industries. Whether it's a new product or technology, a new process, ESG, or a regulation that's going to impact the way you do business, you'll learn about it here. With a comprehensive educational program of keynotes and show floor educational seminars led by industry experts and leading authorities, ProMat 2023 offers you the insight and information you need to tackle today's challenges – and prepare for what the future holds.

## the center of the manufacturing & supply chain universe

With more than 900 exhibits, the world's leading material handling, transportation and logistics solution providers will be on hand to showcase their most innovative equipment and systems. Nowhere else will you have the chance to see these solutions in action and determine which can best solve your manufacturing, transportation and supply chain challenges. By attending, you can connect with your peers and tap into the collective power of the industry's solution and thought leaders, all gathered in one place.



## PACKAGING, CONTAINERS & SHIPPING EQUIPMENT

Box and Carton Makers, Dunnage Trays, Packaging and Unitizing Systems, Wrapping, Inspection of Products by Weight or Scanning, Pallets, Wire Baskets, Plastic and Metal Containers, Palletizing Equipment



## ROBOTICS, AUTOMATION & EMERGING TECHNOLOGIES

AS/RS, G2P, AGVs, AGCs, Autonomous Mobile Robots, Articulated Robotic Arms, Sensors, Software, Cloud Computing, Driverless Vehicles, Predictive Analytics, Artificial Intelligence, Omni-Channel Fulfillment, Unified Commerce, Augmented Reality, Virtual Reality, Wearable and Mobile Technologies



#### TRANSPORTATION & LOGISTICS

Freight Transportation, Parcel Delivery, Security, Autonomous Vehicles, Robotics, Sensors, Supply Chain Management Software, Third Party Logistics and Reverse Logistics



## MATERIAL HANDLING & LOGISTICS EQUIPMENT & SYSTEMS

Automated Storage and Retrieval Systems,
Automatic Guided Vehicle Systems, Casters/Wheels/Tires,
Hydraulic and Electrical Components and Controls, Robotics,
Personnel/Burden Carriers, Racks, Forklifts, Batteries,
Lift Trucks, Flexible Manufacturing Systems, Tool Handling,
Conveyors, Mezzanines, Lift Tables, Scissor Lifts, Unit Handling
Systems, Manufacturing Execution Systems, Warehouse
Management Systems/Supply Chain and Logistics Execution
Systems, Ergonomic and Safety Equipment, Carousels,
Modular Drawer Storage, Order Picking, Sortation Equipment,

Shelving and Workstations, Third-Party Logistics



## INVENTORY MANAGEMENT, INFORMATION TECHNOLOGY & CONTROLLING TECHNOLOGIES

Computers, Controllers, Software Programs, Systems Integrators, Manufacturing Execution Systems, Warehouse Management Systems/Supply Chain and Logistics Execution Systems, Remote Control Equipment, Wireless Control Systems, Voice Recognition Systems, Enterprise Resource Planning, Order Management Systems, Transportation Management Systems



## WAREHOUSE & MANUFACTURING EQUIPMENT

Dock Levelers, Dock Pads, Doors, Forklift Trucks, Racks, Flooring, Handling Systems, Forklift Attachments, Conveyors, Hoists, Cranes, Monorails, Loading Dock Equipment, Below/ Hook Lifting Devices



## SUPPLY CHAIN MANAGEMENT & SUSTAINABILITY

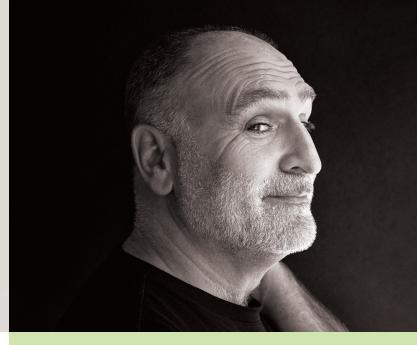
Alternative Fuel Systems, Parcel Management and Distribution, Reverse Logistics, Third Party Logistics, Sustainable Facility Equipment, Supply Chain and Logistics Execution Systems, Enterprise Resource Planning and Transportation Management Systems, Inventory Security Services



## AUTOMATIC IDENTIFICATION EQUIPMENT & SYSTEMS

Barcode Printers and Scanners, Vision Systems, Voice Recognition Systems, RFID Systems, Systems Integrators





## O WOMEN LEADING IN SUPPLY CHAINS

#### **MONDAY, MARCH 20 | 8:45 AM**

Join this panel of AWESOME women as they share their journey through supply chain challenges they have faced, how they continue to break down barriers, use their voice to advocate for themselves and others, and develop strong networks. During this keynote moderated by AWESOME CEO Michelle Dilley, these leaders will share their vision for the future.



## O A CONVERSATION WITH JOSÉ ANDRÉS

#### TUESDAY, MARCH 21 | 8:45 AM

One of TIME magazine's most influential people in the world, José Andrés has captured the imagination of a nation, not only as one of the most popular chefs in America, but with his dynamic personality and diverse humanitarian projects aimed at making the world a better place. He is the founder of World Central Kitchen (WCK), a non-profit devoted to providing meals in the wake of natural disasters as well as the Ukraine war.

Join him as he shares his inspiring story of, and the logistics behind, making the world a better place one meal at a time.

## supply chain trends, best practices



# 2023 MHI ANNUAL INDUSTRY REPORT KEYNOTE PANEL

## WEDNESDAY, MARCH 22 | 8:45 AM

This is your opportunity to be the first to have access to this new report on the trends and digital technologies that are transforming supply chains. Deloitte will join MHI CEO John Paxton in presenting the report findings. They will be joined by a panel of manufacturing and supply chain thought leaders to discuss the real-world significance of the report findings.

## A CONVERSATION WITH RON HOWARD

#### WEDNESDAY, MARCH 22 | 1:00 PM

Maybe you know him as the director of iconic films such as Apollo 13, A Beautiful Mind, Rush, and, most recently, We Feed People, and Thirteen Lives. Maybe you first saw him as Opie on The Andy Griffith Show or Richie Cunningham on Happy Days. Or maybe his voice will forever be stuck in your head as the narrator in Arrested Development.

Whatever springs to mind when you hear his name, you're surely familiar with the career of Academy Awardwinning director Ron Howard. Whether in front of or behind the camera, Howard has been a part of many of the most significant projects in every decade since the 1960s.

## & inspiring thought leaders

# featured events

## WOMEN IN THE SUPPLY CHAIN INDUSTRY FORUM

MONDAY, MARCH 20 12:00 PM - 5:00 PM

Powered by MHI, WERC and MHEDA

Join your peers for an afternoon of education, discussion and networking for women in our industry. Separate fee and registration required. Visit promatshow.com/women to learn more.

## MHI YOUNG PROFESSIONALS NETWORKING EVENT

MONDAY, MARCH 20 5:00 PM - 6:00 PM

Network and connect with other young professionals in the material handling and supply chain industry. Pre-registration is not required to attend, just wear your ProMat 2023 badge.



## ○ MHI INDUSTRY NIGHT WITH NATE BARGATZE

## WEDNESDAY, MARCH 22 | 4:30 PM - 7:00 PM

Join us for an evening of recognition, networking and fun at MHI Industry Night at ProMat. This event will feature the naming of the 2023 MHI Innovation Award winners as well as laughs from comedian Nate Bargatze. Bargatze was featured as one of Esquire's "Best New Comedians" by Jim Gaffigan, one of Marc Maron's "Comedians to Watch" in Rolling Stone, one of Variety's "10 Comics to Watch" and as #1 on Vulture's "50 Comedians You Should Know." He has two Netflix specials, The Greatest Average American and The Tennessee Kid, as well as a weekly podcast called Nateland.

VISIT PROMATSHOW.COM/INDUSTRYNIGHT TO LEARN MORE & PURCHASE TICKETS



Tickets to this event are \$50 and include beer, wine and hors d'oeuvres. The door prize for this event will be a chance to win a trip of a lifetime vacation. Value: \$30,000.

See official rules at promatshow.com/rules

## education seminars

Seminars are listed in scheduled order, categorized by themes and level of expertise: Beginner, Intermediate or Advanced.

#### **THEMES**



Automation & Robotics



Data Capture, Analytics & Information Management



Workforce & Labor



Transportation, Distribution & Warehousing



Manufacturing, Planning & Sourcing



Emerging Supply Chain Technology



Sustainability & Risk Management

## monday, march 20



**INNOVATIONS IN ITEM & PARCEL SORTATION -**TOMPKINS ROBOTICS DELIVERS A PROVEN ROI IN DIVERSE APPLICATIONS

ROBOTICS THEATER

10:15 AM - 11:00 AM

**Tompkins Robotics** | Beginner



**OPTIMIZE AUTOMATED WAREHOUSE** PRODUCTIVITY THROUGH STORAGE TYPE AND **DISTRIBUTION NETWORK ANALYSIS** 

**TECHNOLOGIES** 10:30 AM - 11:15 AM

THEATER

Conveyor Solutions Inc. (a Systems In Motion Company) Advanced

FROM THE STATE-OF-THE-ART TO THE FUTURE



**TRUCKS** THEATER

10:30 AM - 11:15 AM

**Green Cubes Technology** | Intermediate



THEATER С

**GET PAID TO REDUCE CARBON WITH ENVIRONMENTAL COMMODITIES (DEPLOYING ZERO-EMISSION EQUIPMENT AND FUELS JUST GOT A LOT EASIER)** 

10:30 AM - 11:15 AM

SRECTrade, Inc. | Intermediate



**OPTIMIZING WAREHOUSE EXECUTION AND** WAREHOUSE CONTROL SYSTEMS WITH **AUTOMATION** 

Е

10:30 AM - 11:15 AM

**Ascent Warehouse Logistics** | Intermediate



HOW WAREHOUSE ROBOTICS INCREASE **CUSTOMER SATISFACTION** 

THEATER

10:30 AM - 11:15 AM

Exotec | Beginner



COMBINING NEW GENERATION OF ROBOTICS WITH CONNECTIVITY TO USHER IN THE FUTURE

6

**OF AMRS** 

10:30 AM - 11:15 AM K.Hartwall | Beainner

**RETURNABLE CONTAINER VISIBILITY: WHY &** HOW GS1 STANDARDS, SERIALIZATION, AND RFID ARE KEY TO MAXIMIZING ROI IN RETURNABLE

THEATER

CONTAINERS

10:30 AM - 11:15 AM Barcoding Inc. | Beginner



SUPPLY CHAIN AGILITY, VISIBILITY AND **EFFICIENCY** 

ROBOTICS THEATER

11:15 AM - 12:00 PM

**KNAPP** | Intermediate



GOING FROM GREENFIELD TO HIGH BAY **WAREHOUSE** 

THEATER

11:15 AM - 12:00 PM

Schaefer Systems International, Inc. | Intermediate



**AUTOMATION FOR THE UNIQUE CHALLENGES OF** THE FASHION INDUSTRY

THEATER

11:15 AM - 12:00 PM

н

TGW Systems Inc. | Beginner



LIDAR, IOT, WES, ORCHESTRATION, VDA5050, AMR, AGV: NEW TERMS, NEW SOLUTIONS, HOW TO SIMPLIFY SELECTION, DEPLOYMENT, AND **GROWTH** 

EMERGING **TECHNOLOGIES** 

11:30 AM - 12:15 PM **THEATER** 

**SVT Robotics** | Beginner



**CUTTING THROUGH THE NOISE: HOW TO LOOK BEYOND TECHNOLOGY AND MEET BUSINESS OBJECTIVES** 

THEATER

11:30 AM - 12:15 PM

**Bastian Solutions, a Toyota Advanced Logistics** 

company | Intermediate

MINIMIZE SUPPLY CHAIN DISRUPTIONS WITH **INNOVATIVE TECHNOLOGIES** 

THEATER

12:00 PM - 12:45 PM

Acumatica | Intermediate



**POWERFUL TOGETHER - OPTIMIZING YOUR** ASSETS BY ALIGNING BATTERIES, CHARGERS, **TECHNOLOGIES, AND DATA** 

THEATER С

12:00 PM - 12:45 PM

East Penn Manufacturing Co., Inc. | Beginner



## monday, march 20



**BUILDING THE SMART, AUTOMATED WAREHOUSE** OF THE FUTURE

THEATER E

12:00 PM - 12:45 PM

**Softeon** | Intermediate



**SOLUTIONS COMMUNITY OF MHI PRESENTS: LATEST & GREATEST ADVANCES @ PROMAT** 

THEATER

12:00 PM - 12:45 PM

G

MHI | Beainner



**EVERYONE'S TALKING ABOUT AUTOMATION, BUT** IS AUTOMATION RIGHT FOR EVERYONE?

THEATER Ι

12:00 PM - 12:45 PM

Steel King Industries, Inc. | Beginner



**HOW TO MODERNIZE YOUR WAREHOUSE** WITHOUT DOING A REBUILD

ROBOTICS THEATER

12:15 PM - 1:00 PM

inVia Robotics, Inc. | Intermediate



LABOR SAVINGS AND BEYOND: ELEMENTS OF A SUCCESSFUL AUTOMATED CLEANING PROGRAM

**EMERGING TECHNOLOGIES** THEATER

12:30 PM - 1:15 PM

**Tennant Company** | Intermediate



PROCESS MINING FOR WAREHOUSE **MANAGEMENT** 

THEATER

12:30 PM - 1:15 PM

Miebach Consulting Inc. | Beginner



**BEYOND AUTOMATION: INCREASING** PRODUCTIVITY WHILE RETAINING FLEXIBILITY AND CONTROL

12:45 PM - 1:30 PM

Capstone Logistics, LLC | Intermediate



**EASE (ERGONOMIC ASSIST SYSTEMS & EQUIPMENT) OF MHI PRESENTS: MAXIMIZE WORKPLACE SAFETY AND MINIMIZE RISK: ASK AN ERGONOMIST** 

12:45 PM - 1:30 PM

MHI | Beginner



**PROVE IT** 

THEATER

12:45 PM - 1:30 PM

Burns & McDonnell | Beginner



MAKING AN ROI BUSINESS CASE FOR VOICE **TECHNOLOGY IN 2023** 

THEATER

1:30 PM - 2:15 PM

**EPG (Ehrhardt Partner Group)** | Beginner



MAXIMIZING FLEXIBLE AUTOMATION BENEFITS

1:30 PM - 2:15 PM THEATER

**VARGO** | Intermediate

1:30 PM - 2:15 PM



**BUSTING MYTHS: THE AUTO ID EPISODE** 

THEATER

SICK | Beginner



**AUTOMATING TODAY'S WAREHOUSE FOR TOMORROW** 

THEATER

1:30 PM - 2:15 PM

Locus Robotics | Intermediate



**EXTENDING THE LIFE OF YOUR EXISTING FACILITY** 

THEATER G

1:30 PM - 2:15 PM

SDI | Intermediate



SCHOOL SPECIALTY RE-ENGINEERS THEIR **DISTRIBUTION OPERATIONS TO KEEP PACE** WITH SHIFTING EDUCATIONAL MODELS AND

**EMERGING** TECHNOLOGIES CHANGING STUDENT NEEDS

THEATER 1:30 PM - 2:15 PM

Alpine Supply Chain Solutions | Beginner



**SMA (STORAGE MANUFACTURERS ASSOCIATION) OF MHI PRESENTS: THE NEW SMA STANDARDS AND S-MARK CERTIFICATION** PROGRAM ALONG WITH BEST PRACTICES THAT **CAN HELP MITIGATE RISK** 

1:30 PM - 2:15 PM

MHI | Beginner



**AUTONOMOUS FORKLIFT EMPOWERS FULL-**STACK INTRALOGISTICS AUTOMATION

ROBOTICS THEATER

2:15 PM - 3:00 PM

VisionNav Robotics | Intermediate



THE NEXT BIG THING IN RETAIL: STORE-READY, **AISLE-FRIENDLY FULFILLMENT** 

THEATER В

2:15 PM - 3:00 PM

Swisslog Logistics, Inc. | Beginner



MATERIAL HANDLING CART DELIVERY AND ITS RENEEITS

THEATER D

2:15 PM - 3:00 PM

**Topper Industrial** | Beginner



THE EVERYDAY AGV - HOW AUTOMATING **EVERYDAY TASKS CAN MAKE A BIG IMPACT** 

н

2:15 PM - 3:00 PM Jungheinrich | Beginner



**AUTOMATING CYCLE COUNTING WITH DRONES: HOW TO CALCULATE YOUR ROI** 

**EMERGING** THEATER

Ware | Intermediate

2:30 PM - 3:15 PM



#### HOW TO GET MORE ECOMMERCE ORDERS OUT THE DOOR WITH YOUR EXISTING RESOURCES

THEATER 2:30 PM - 3:15 PM

inVia Robotics, Inc. | Beginner



#### **PUTTING ORDERS IN ORDER WHILE KEEPING ORDER**

THEATER

3:00 PM - 3:45 PM

DMW&H | Intermediate



FLEET MANAGEMENT, RTLS, PROXIMITY **DETECTION SYSTEMS AND DOCUMENT** MANAGEMENT - ALL IN ONE SOLUTION, ON ONE WEB-PORTAL? IS THIS THE FUTURE AND WHAT **ROLE DO MODERN SMARTPHONES PLAY IN IT?** 

3:00 PM - 3:45 PM **ELOKON Inc.** | Beginner



TRANSFORM YOUR WAREHOUSE INTO A **COMPETITIVE ADVANTAGE WITH BARTENDER** AND BARCODING INC

Е

3:00 PM - 3:45 PM

**BarTender by Seagull Scientific, Inc.** | Intermediate



MAG (MOBILE AUTOMATION GROUP) OF MHI PRESENTS: HIGHFLYING AUTOMATION: HOW TO **MAXIMIZE VERTICAL STORAGE** 

3:00 PM - 3:45 PM

MHI | Intermediate



**LEVERAGING 1:1 PICKING TO ACHIEVE YOUR BUSINESS GOALS** 

THEATER

3:00 PM - 3:45 PM

3:15 PM - 4:00 PM

Vanderlande Industries, Inc. | Intermediate



**DEMYSTIFYING FULFILLMENT AUTOMATION** 

ROBOTICS THEATER

GreyOrange Inc. | Beginner



I NEED TO ADD AUTOMATION. SO, NOW WHAT?

3:30 PM - 4:15 PM **EMERGING** 

TECHNOLOGIES Locus Robotics | Intermediate

THEATER (0)

WAREHOUSE OPERATIONS HAVE GOTTEN MORE **COMPLEX THAN EVER. HOW TECHNOLOGY ENABLES OPERATIONAL AGILITY** 

THEATER F

3:30 PM - 4:15 PM

**Generix Group** | Intermediate



TRENDS IN OMNICHANNEL FULFILLMENT: WHEN YOUR TECH DOESN'T MATCH WHAT CUSTOMERS **EXPECT** 

В

3:45 PM - 4:30 PM

**Deposco** | Beginner



LEAD OR LITHIUM? HOW TO CHOOSE THE RIGHT BATTERY FOR YOUR **FORKLIFT** 

THEATER

3:45 PM - 4:30 PM

**Stryten Energy** | Intermediate



TRG (THE ROBOTICS GROUP) OF MHI PRESENTS: THE IMPORTANCE OF RISK ASSESSMENTS IN **AUTOMATION** 

8

THEATER

3:45 PM - 4:30 PM

MHI | Beginner



**HUMANIZING AUTOMATION WITH INNOVATIVE** SYSTEMS INTEGRATION: THE KEY TO SPEED, **EFFICIENCY & LOWER COSTS** 

ROBOTICS THEATER

4:15 PM - 5:00 PM

Murata Machinery USA, Inc. | Intermediate



## tuesday, march 21



MORE PARCELS, MORE PROBLEMS - MITIGATING PARCEL VARIABILITY WITH A SYMBIOTIC **HUMAN-AI VISION SYSTEM** 

ROBOTICS THEATER

10:15 AM - 11:00 AM

Plus One Robotics | Beginner



LIFT TRUCK OPERATOR ASSISTANCE **TECHNOLOGY: WHAT EXACTLY IS IT?** 

**EMERGING TECHNOLOGIES** 

10:30 AM - 11:15 AM

THEATER

Yale Material Handling Corporation | Beginner

**nEwCOMMERCE: E-COMMERCE'S EFFECT ON** 



SC NETWORK, FACILITY DESIGN, AND REAL **ESTATE STRATEGIES** 

10:30 AM - 11:15 AM

St. Onge Company | Intermediate



HOW DO AUTOMATED PALLET AND CASE HANDLING SYSTEMS COMPARE WITH TRADITIONAL STORAGE AND MATERIAL **HANDLING SYSTEMS?** 

10:30 AM - 11:15 AM

**KPI Integrated Solutions** | Intermediate



WMS SYSTEMS: DRIVE EFFICIENCIES, REDUCE **COSTS AND IMPROVE SERVICE LEVELS** 

THEATER

10:30 AM - 11:15 AM

Twin Oaks Technology | Beginner



"THE UNIFIED SUPPLY CHAIN: A PLATFORM APPROACH TO DISTRIBUTION AND TRANSPORTATION THAT PICKS UP WHERE THE PROMISE OF CONTROL TOWERS DROPPED OFF"

10:30 AM - 11:15 AM

Manhattan Associates, Inc. | Intermediate



## tuesday, march 21



**CSS (CONVEYOR AND SORTATION SYSTEMS)** OF MHI PRESENTS: ADOPTION OF AUTOMATED **CONVEYANCE AND SORTATION SYSTEMS** 

THEATER G

10:30 AM - 11:15 AM

MHI | Beginner



HOW SAFETY CAN HELP SOLVE YOUR HIRING AND RETENTION PROBLEMS

THEATER

10:30 AM - 11:15 AM

Ι

Boplan USA Inc. | Beginner



**HOW ROBOTICS IS DISRUPTING WAREHOUSE FULFILLMENT WITH DISRUPTION PROOF AUTOMATION** 

THEATER

11:15 AM - 12:00 PM

Exotec | Beginner



**HOW TO GET A GUARANTEED 20% BOOST IN** WAREHOUSE PICKING IN 3 MONTHS.

THEATER В

11:15 AM - 12:00 PM

Almasons | Intermediate



THE KEY AUTOMATION TECHNOLOGIES THAT WILL LIVE IN YOUR WAREHOUSE WITHIN FIVE **YEARS** 

THEATER D

11:15 AM - 12:00 PM

Tecsys | Intermediate



**REDUCE COSTS AND IMPROVE OPERATIONAL VISIBILITY WITH SMART, CONNECTED WAREHOUSES** 

н

11:15 AM - 12:00 PM

**The Raymond Corporation** | Intermediate



**WIRELESS POWER FOR AGV AND AMR - THE** ONLY OPTION FOR A RELIABLE AND SAFE POWER SUPPLY?

**EMERGING** 

**TECHNOLOGIES** 11:30 AM - 12:15 PM

THEATER

Wiferion GmbH | Beginner



SECRETS TO ENSURING SUPPLY CHAIN **EXECUTION SYSTEM SELECTION SUCCESS** 

THEATER

11:30 AM - 12:15 PM

enVista | Intermediate



**AUTOMATING PALLET-SIZE LOADS FOR** STREAMLINED OPERATIONS

THEATER

12:00 PM - 12:45 PM

Seegrid | Intermediate



AI-DRIVEN FLOW CONTROL: USING NEXT **GENERATION TECHNOLOGY TO AUTOMATE DECISION MAKING IN YOUR WAREHOUSE** 

С

12:00 PM - 12:45 PM

**LogistiVIEW** | Intermediate



METAL PRICES AND MHE ELECTRIFICATION **TRENDS** 

THEATER Е

12:00 PM - 12:45 PM

OneCharge Inc. | Intermediate



THE LOW-DOWN ON LEAN LABELING

THEATER

12:00 PM - 12:45 PM Newcastle Systems | Beginner



SLAM (SCAN | LABEL | APPLY | MANIFEST) OF MHI PRESENTS: THE BUSINESS CASE FOR SLAM SYSTEMS IN FULFILLMENT CENTERS

THEATER

12:00 PM - 12:45 PM

MHI | Beginner



**HOW MICRO DEPLOYMENTS ACCELERATE** SUCCESS AND TIME TO VALUE

ROBOTICS THEATER

12:15 PM - 1:00 PM

SVT Robotics | Intermediate



**USING MIXED HETEROGENEOUS AUTONOMOUS ROBOTIC TECHNOLOGIES TO SUPPORT GLOBAL** RETAILER'S MICRO-FULFILLMENT ECOMMERCE, **LOCAL DELIVERY, AND PICK-UP ORDERS BUSINESS** 

TECHNOLOGIES THEATER

12:30 PM - 1:15 PM

Invata Intralogistics | Intermediate



**CRATE & BARREL, ENCORE WIRE & CLEMENS** FOOD GROUP: CREATING LEADERS TO OPTIMIZE THE NEXT GENERATION WAREHOUSE

THEATER

12:30 PM - 1:15 PM

Open Sky Group | Intermediate



**UTILIZING EMERGING AUTOMATION TECHNOLOGIES IN DISTRIBUTION** 

THEATER В

12:45 PM - 1:30 PM

Siggins | Intermediate



INDUSTRIAL LITHIUM-ION BATTERIES WITHIN A **CIRCULAR ECONOMY** 

**THEATER** 

D

12:45 PM - 1:30 PM UgoWork | Advanced



ON-BOARD CHARGING FOR CLASS I AND CLASS **II LIFT TRUCKS** 

THEATER

12:45 PM - 1:30 PM

**Delta-Q Technologies Corp.** | Intermediate



RETROFITTING FOR TODAY'S REALITY: HOW TO PLAN FOR PEAK VOLUMES WITH LABOR **SHORTAGES** 

ROBOTICS **THEATER** 

1:15 PM - 2:00 PM

Schaefer Systems International, Inc. | Advanced



**ADOPTING AUTOMATION: WHY AUTONOMOUS** ONLY ROBOTS AREN'T ALWAYS YOUR BEST BET

**EMERGING TECHNOLOGIES** THEATER

1:30 PM - 2:15 PM

Third Wave Automation | Beginner



THE PERFECT MATCH: CRITICAL RELATIONSHIPS OF MOBILE AUTOMATION AND STORAGE SYSTEMS

THEATER Α

1:30 PM - 2:15 PM

Advanced Intralogistics, A Shoppa's Company



**HOW TO HANDLE SMALL PARCELS** 

1:30 PM - 2:15 PM

THEATER С

Fives Intralogistics Corp. | Beginner



**WAREHOUSE PIECE-PICKING ROBOTS 201:** HOW PICKING ROBOTS RESOLVE YOUR LABOR **CHALLENGES** 

THEATER Ε

1:30 PM - 2:15 PM

RightHand Robotics, Inc. | Intermediate



CASE STUDY: ROBOTIC PUTWALLS DRIVING **EFFICIENCY FOR A TOP 20 3PL** 

THEATER

1:30 PM - 2:15 PM

Covariant | Intermediate



G

ASRS (AUTOMATED STORAGE/RETRIEVAL SYSTEMS) OF MHI PRESENTS: REALITY CHECK: HOW ASRS ASSISTS IN THE DIGITIZATION OF THE **SUPPLY CHAIN** 

1:30 PM - 2:15 PM

MHI | Intermediate



**TO AUTOMATE OR NOT TO AUTOMATE IN 2023 AND BEYOND** 

ROBOTICS THEATER

2:15 PM - 3:00 PM

enVista | Intermediate



н

PROGMA (PROTECTIVE GUARDING **MANUFACTURERS) OF MHI PRESENTS: 5 MOST COMMON HAZARDS TO PEOPLE, PRODUCTS** & FACILITIES: HOW PROPER PROTECTIVE **GUARDING CAN HELP MITIGATE RISK** 

2:15 PM - 3:00 PM

MHI | Beginner



AMR BATTLE BOTS FIGHT FOR WAREHOUSE **SUPREMACY** 

THEATER В

2:15 PM - 3:00 PM

Conveyco Technologies | Intermediate



**HOW TO FUTURE PROOF YOUR WAREHOUSE WITH A ROBUST AUTOMATED SOLUTION** 

D 2:15 PM - 3:00 PM

Westfalia Technologies, Inc. | Beginner



**GOOGLE CLOUD AND DEMATIC TECHNOLOGY** ARE HELPING BUSINESSES MEET SUPPLY CHAIN **TARGETS** 

10

**EMERGING** 

TECHNOLOGIES 2:30 PM - 3:15 PM **THEATER Dematic** | Intermediate



10 RACKING MISTAKES WAREHOUSE MANAGERS **MUST AVOID** 

THEATER

2:30 PM - 3:15 PM

Damotech, Inc. | Intermediate



**MAXIMIZE MOTIVE POWER - MANAGE COMPLEXITY TO MINIMIZE RISK & OWNERSHIP** COST

THEATER

3:00 PM - 3:45 PM **EnerSys** | Intermediate



CENTRALIZED DESIGN AND MANAGEMENT OF **MULTIPLE AGV TYPES** 

THEATER Е

3:00 PM - 3:45 PM

Siemens Industry, Inc. | Intermediate



**HOW TO JUMP-START YOUR AUTOMATION STRATEGY** 

THEATER

3:00 PM - 3:45 PM

G

Honeywell Intelligrated | Intermediate



RMI (RACK MANUFACTURERS INSTITUTE) OF MHI PRESENTS: STORAGE RACK SAFETY 101

THEATER

3:00 PM - 3:45 PM

MHI | Beginner



HOW CAN YOU PUT ROBOTIC LIFT TRUCKS TO **WORK? WAREHOUSE USE CASES** 

ROBOTICS

3:15 PM - 4:00 PM

THEATER

Yale Material Handling Corporation | Intermediate



RE-INVENT SUPPLY CHAIN INSPECTION WITH **HIGH-SPEED 3D MMWAVE IMAGING** 

**EMERGING TECHNOLOGIES**  3:30 PM - 4:15 PM

3:30 PM - 4:15 PM

THEATER

ThruWave. Inc. | Intermediate



TRANSFORMATION DOESN'T HAVE TO WAIT

THEATER

Koerber Supply Chain US, Inc. | Beginner



## tuesday, march 21



D

STOP BALING! WHY SOME OF THE WORLD'S LEADING FULFILLMENT CENTERS HAVE SWITCHED TO THE AUGER COMPACTOR FOR OCC RECYCLING.

3:45 PM - 4:30 PM

Komar Industries, LLC | Beginner



ASCENDING TO PEAK PERFORMANCE: HOW TO ELEVATE PRODUCTIVITY WITH VOICE AUTOMATION

**H** 3:45 PM - 4:30 PM

Mountain Leverage | Intermediate



THE COST OF NOT AUTOMATING YOUR WAREHOUSE

THEATER 3:45 PM - 4:30 PM

**OPEX** | Beginner



TRG (THE ROBOTICS GROUP) OF MHI PRESENTS: WHAT'S POSSIBLE NOW IN WAREHOUSE ROBOTICS

ROBOTICS

4:15 PM - 5:00 PM

MHI | Beginner



## wednesday, march 22



TRG (THE ROBOTICS GROUP) OF MHI PRESENTS: TRACKING PROJECT ROI

ROBOTICS

10:15 AM - 11:00 AM

MHI | Beginner



PICKING MAY BE THE STAR, BUT IT'S TIME TO PUT UPSTREAM PROCESSES INTO THE SPOTLIGHT

TECHNOLOGIES

10:30 AM - 11:15 AM

THEATER DLN Integrated Systems, Inc. | Intermediate



6 STEPS TO IMPROVE RACK SAFETY & CUT MAINTENANCE COSTS

THEATER

10:30 AM - 11:15 AM

Damotech. Inc. | Intermediate



KNOWING THE TOTAL COST OF OWNERSHIP AND AVOIDING RISK WITH YOUR PALLET RACK SYSTEM

THEATER C

10:30 AM - 11:15 AM

Steel King Industries, Inc. | Intermediate



ORCHESTRATING FULFILLMENT SUCCESS WITH DOM AND WES

THEATER E 10:30 AM - 11:15 AM

Softeon | Advanced



AUTOMATED PALLET TRANSPORTATION: UNDERSTANDING THE RIGHT TECHNOLOGY FOR

THEATER YOUR NEXT PROJECT

10:30 AM - 11:15 AM

Automha Americas Automation Corp. | Intermediate



ADVANCED ENERGY COUNCIL OF MHI PRESENTS: INTEGRATED LITHIUM BATTERY IN MHE - TYPES, STANDARDS, AND BENEFITS

**G** 10:30 AM - 11:15 AM

MHI | Intermediate



MAXIMIZING EFFICIENCY BY COMBINING AUTOMATION

THEATER 10:30 AM - 11:15 AM

SDI | Intermediate



HOW TO ENSURE RELIABLE ROBOTICS IN YOUR RETAIL DC

ROBOTICS THEATER

11:15 AM - 12:00 PM

Vanderlande Industries, Inc. | Intermediate



DESIGNING THE WAREHOUSE OF THE FUTURE – A BLUEPRINT FOR SUPPLY CHAIN RESILIENCE

THEATER

11:15 AM - 12:00 PM **enVista** | *Intermediate* 



MAKING AN ROI BUSINESS CASE FOR VOICE TECHNOLOGY IN 2023

THEATER

11:15 AM – 12:00 PM

D

**EPG (Ehrhardt Partner Group)** | Beginner



RMI (RACK MANUFACTURERS INSTITUTE) OF MHI PRESENTS: PLANNING YOUR RACK SYSTEM -TRADITIONAL AND E-COMMERCE

THEATER

11:15 AM – 12:00 PM

MHI | Beginner



THE FUTURE OF PACKAGING - HOW TO BOOST ORDER FULFILLMENT TO MEET E-COMMERCE DEMANDS WITH FIT-TO-SIZE AUTOMATED

TECHNOLOGIES PACKAGING

THEATER 11:30 AM - 12:15 PM

**Sparck Technologies (Formerly Quadient)** | Beginner



MAN & MACHINE 2.0: PRIORITIZING PEOPLE IN A ROBOT WORLD

THEATER

11:45 AM - 12:30 PM

Manhattan Associates, Inc. | Intermediate



NAVIGATE OPERATIONAL CHALLENGES AND MAXIMIZE LABOR PRODUCTIVITY WITH COMPLETE INTRALOGISTICS SOLUTIONS

Α

12:00 PM - 12:45 PM

**The Raymond Corporation** | Intermediate



#### STEPS TO ACHIEVE SUCCESSFUL ROI, START **BEFORE INSTALLATION EVEN BEGINS**

THEATER С

12:00 PM - 12:45 PM

**Dematic** | Intermediate



#### THE IMPORTANCE OF SCALABILITY WHEN **CHOOSING AUTOMATION**

THEATER Е

12:00 PM - 12:45 PM

Exotec | Beginner



#### IS MY E-COMMERCE BUSINESS BIG ENOUGH FOR **WAREHOUSE AUTOMATION?**

THEATER G

12:00 PM - 12:45 PM

Swisslog Logistics, Inc. | Beginner



#### **SOLUTIONS COMMUNITY OF MHI PRESENTS:** CONDITION MONITORING AND RELIABILITY: **FOUNDATIONS OF A NEW FRONTIER**

THEATER Ι

12:00 PM - 12:45 PM

MHI | Beginner



#### **NEXT GEN ORDER FULFILLMENT POWERED BY FLEXIBLE ROBOTICS**

ROBOTICS THEATER

12:15 PM - 1:00 PM

Mujin | Beginner



#### **COUNTDOWN TO ZERO TOUCH**

1:15 PM - 2:00 PM ROBOTICS

THEATER

Daifuku | Intermediate



#### **WAREHOUSE AUTOMATION TRENDS & INNOVATIONS 2023**

ROBOTICS

2:15 PM - 3:00 PM

THEATER

**ADDVERB TECHNOLOGIES PVT LTD.** | Beginner



#### **USING LIFT TRUCK POSITIONING TECHNOLOGY** TO MAXIMUM EFFECT

THEATER С

2:15 PM - 3:00 PM

Jungheinrich | Intermediate



#### **HUMAN-CENTRIC ROBOTICS: WALKING INTO THE WAREHOUSE**

THEATER F

2:15 PM - 3:00 PM

**Agility Robotics** | Beginner



#### TRG (THE ROBOTICS GROUP) OF MHI PRESENTS: INTEGRATING IN WORKFLOWS

THEATER G

2:15 PM - 3:00 PM

MHI | Beginner



#### STRATEGIC PLANNING FOR UNCERTAIN TIMES

THEATER

2:15 PM - 3:00 PM

Ι

**DMW&H** | Intermediate



CHOOSE THE TOTE FIRST--MAKING A CASE FOR CHOOSING A STANDARD SIZE TOTE BEFORE DESIGNING A SEMI-

Α

OR FULLY AUTOMATED WAREHOUSE

**SYSTEM** 

2:15 PM - 3:00 PM

Schaefer Systems International, Inc. | Intermediate

12



**OPTIMIZATION METHODS FOR APPLYING VERTICAL LIFT MODULE (VLM) TECHNOLOGIES** 

THEATER

2:15 PM - 3:00 PM

Е SencorpWhite, Inc. | Intermediate



ELIMINATING RISK IN THE DESIGN, DEVELOPMENT, AND IMPLEMENTATION OF AUTOMATED **FULFILLMENT AND DISTRIBUTION CENTER** 

**EMERGING** TECHNOLOGIES SOLUTIONS

> THEATER 2:30 PM - 3:15 PM

> > Invata Intralogistics | Intermediate



#### **3PL LANDSCAPE & SELECTION STRATEGIES**

THEATER D

St. Onge Company | Intermediate



FLEET MANAGEMENT, RTLS, PROXIMITY **DETECTION SYSTEMS AND DOCUMENT** 

THEATER

MANAGEMENT - ALL IN ONE SOLUTION, ON ONE WEB-PORTAL? IS THIS THE FUTURE AND WHAT **ROLE DO MODERN SMARTPHONES PLAY IN IT?** 

3:00 PM - 3:45 PM **ELOKON Inc.** | Beginner

3:00 PM - 3:45 PM



CSS (CONVEYOR AND SORTATION SYSTEMS) OF MHI PRESENTS: MACHINE & OPERATIONAL SAFETY FOR CONVEYORS

3:00 PM - 3:45 PM

3:15 PM - 4:00 PM

MHI | Intermediate



#### **MIX - INSPIRE THE NEXT WAREHOUSING**

POROTICS THEATER

Mushiny Robotics (Jiangsu) Co., Ltd. | Intermediate



FACTORY-AS-A-SERVICE (FAAS): ROBOTIC INTELLIGENT MACHINES TO IMMEDIATELY **INCREASE PRODUCTIVITY AND PROVIDE DATA** 

**EMERGING** 

TECHNOLOGIES FOR ENTERPRISE GROWTH

THEATER

3:30 PM - 4:15 PM **RIOS Intelligent Machines** | Beginner



WORKFLOWS > ROBOTS: HOW RE-ENGINEERING **WORKFLOWS WILL UNLEASH THE COMBINED** POTENTIAL OF WORKER AND AUTOMATION IN THE WAREHOUSE OF TODAY

Vecna Robotics | Beginner

3:30 PM - 4:15 PM



## wednesday, march 22



**AUTOMATION FOR THE UNIQUE CHALLENGES OF** THE FASHION INDUSTRY

THEATER

3:45 PM - 4:30 PM

TGW Systems Inc. | Beginner



**ACHIEVING YOUR FULL AUTOMATION POTENTIAL** WITH WES (WAREHOUSE EXECUTION SYSTEMS)

THEATER

3:45 PM - 4:30 PM

Honeywell Intelligrated | Intermediate



NO ROOM FOR ERROR: HOW TO MANAGE CRITICAL SUPPLIES WHEN FAILURE IS NOT AN OPTION

THEATER С

3:45 PM - 4:30 PM

**Tecsys** | Intermediate



**EXCELLING AT DISTRIBUTION IN THE E-COMMERCE ERA: TIPS FOR YOUR WAREHOUSE** FROM THE 3PL EXPERTS

Е

3:45 PM - 4:30 PM

MADE4NET | Intermediate



**BUILDING THE BUSINESS CASE FOR MOBILE ROBOTICS IN LOGISTICS & MANUFACTURING** 

THEATER Ι

3:45 PM - 4:30 PM

BlueBotics SA | Beginner



## thursday, march 23



THE KEY AUTOMATION TECHNOLOGIES THAT WILL LIVE IN YOUR WAREHOUSE WITHIN FIVE YEARS

THEATER

10:30 AM - 11:15 AM

Tecsys | Intermediate



SECRETS TO ENSURING SUPPLY CHAIN **EXECUTION SYSTEM SELECTION SUCCESS** 

THEATER

10:30 AM - 11:15 AM

С

enVista | Intermediate



**EVERYONE'S TALKING ABOUT AUTOMATION, BUT** IS AUTOMATION RIGHT FOR EVERYONE?

THEATER

10:30 AM - 11:15 AM

Steel King Industries, Inc. | Beginner



10 RACKING MISTAKES WAREHOUSE MANAGERS **MUST AVOID** 

THEATER G

10:30 AM - 11:15 AM

Damotech, Inc. | Intermediate



**GET PAID TO REDUCE CARBON WITH ENVIRONMENTAL COMMODITIES (DEPLOYING) ZERO-EMISSION EQUIPMENT AND FUELS JUST GOT A LOT EASIER)** 

10:30 AM - 11:15 AM

SRECTrade, Inc. | Intermediate



**WIRELESS POWER FOR AGV AND AMR - THE** ONLY OPTION FOR A RELIABLE AND SAFE POWER SUPPLY?

11:15 AM - 12:00 PM

Wiferion GmbH | Beginner



FLEET MANAGEMENT, RTLS, PROXIMITY **DETECTION SYSTEMS AND DOCUMENT** MANAGEMENT - ALL IN ONE SOLUTION, ON ONE

WEB-PORTAL? IS THIS THE FUTURE AND WHAT **ROLE DO MODERN SMARTPHONES PLAY IN IT?** 

11:15 AM - 12:00 PM **ELOKON Inc.** | Beginner



FROM THE STATE-OF-THE-ART TO THE FUTURE OF LITHIUM-ION POWER FOR INDUSTRIAL TRUCKS

THEATER н

11:15 AM - 12:00 PM

**Green Cubes Technology** | Intermediate



**WAREHOUSE PIECE-PICKING ROBOTS 201:** HOW PICKING ROBOTS RESOLVE YOUR LABOR **CHALLENGES** 

THEATER

С 12:00 PM - 12:45 PM

RightHand Robotics, Inc. | Intermediate



**MAXIMIZING FLEXIBLE AUTOMATION BENEFITS** 

THEATER

12:00 PM - 12:45 PM **VARGO** | Intermediate



**CRATE & BARREL, ENCORE WIRE & CLEMENS** FOOD GROUP: CREATING LEADERS TO OPTIMIZE THE NEXT GENERATION WAREHOUSE

THEATER G

12:00 PM - 12:45 PM

Open Sky Group | Intermediate



MAKING AN ROI BUSINESS CASE FOR VOICE **TECHNOLOGY IN 2023** 

THEATER

12:00 PM - 12:45 PM

**EPG (Ehrhardt Partner Group)** | Beginner



SCHOOL SPECIALTY RE-ENGINEERS THEIR DISTRIBUTION OPERATIONS TO KEEP PACE WITH SHIFTING EDUCATIONAL MODELS AND CHANGING STUDENT NEEDS

12:00 PM - 12:45 PM

**Alpine Supply Chain Solutions** | Beginner





LIFT TRUCK OPERATOR ASSISTANCE **TECHNOLOGY: WHAT EXACTLY IS IT?** 

THEATER

12:45 PM - 1:30 PM

Yale Material Handling Corporation | Beginner



ADOPTING AUTOMATION: WHY AUTONOMOUS ONLY ROBOTS AREN'T ALWAYS YOUR BEST BET

THEATER

12:45 PM - 1:30 PM

**Third Wave Automation** | Beginner

**AUTOMATING CYCLE COUNTING WITH DRONES: HOW TO CALCULATE YOUR ROI** 

THEATER

12:45 PM - 1:30 PM

Ware | Intermediate



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