

**OCTOBER 10-11, 2023** 

SUBURBAN COLLECTION SHOWPLACE | NOVI, MI

# **Usher in the Age** of Automation

#### **Conference program** curated by:

Co-Chair

LAB MidWest



**Brent Donaldson** Editor-in-Chief Conference Programming



Matt Kirchner President **Conference Programming** Co-Chair

**POWERED BY** 









#### MONDAY, OCTOBER 9, 2023

12:00 p.m.	Facilities Tour of FANUC and Lift (optional)
1:00 – 5:00 p.m.	Registration Open
6:00 – 8:00 p.m.	Opening Cocktail Party

### TUESDAY, OCTOBER 10, 2023

7:30 - 8:30 a.m. **Registration Open / Breakfast** 

#### **AUTOMATION TECH FOR MACHINING**

8:30 - 9:00 a.m.	OPENING KEYNOTE Culture Changeover – Preparing Your Team for Automation Matt Kirchner   LAB Midwest
9:00 - 9:30 a.m.	Manufacturing Applications Coordinator Brad Cisewski   Pointe Precision
9:30 - 10:00 a.m.	Machine Tool Automation and Process Considerations Michael Lail   Okuma America
10:00 - 10:30 a.m.	NETWORKING BREAK
10:30 - 11:00 a.m.	Smart Technology Systems: Automating Each Step of the Manufacturing Process Rob Caron   Caron Engineering, Inc.
11:00 - 11:30 a.m.	Automated Digital Inspection Craig Mathews   ThyssenKrupp Bilstein of America
11:30 a.m 12:00 p.m.	Total Process Control for CNC Machines and Robots Denis Vasilescu   Renishaw, Inc.
12:00 - 1:00 p.m.	LUNCH
MACHINING PR	ROCESS AUTOMATION
1:00 - 1:30 p.m.	Does the Idea of Investing in a Flexible Automation System Give You Butterflies? Success Stories and Sound Advice for Shops of All Sizes Christopher Rezny   Fastems Group
1:30 - 2:00 p.m.	Robots on the Shop Floor – a Practical Introduction Andra Keay   AMT
2:00 - 2:30 p.m.	From Manual to Automated: Developing a Low-Cost Machine Tending System for Independent Machine Shops Mike Becker   Harland Sharp

MACHINING PROCESS AUTOMATION	
1:00 - 1:30 p.m.	Does the Idea of Investing in a Flexible Auto System Give You Butterflies? Success Stori Sound Advice for Shops of All Sizes Christopher Rezny   Fastems Group
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1:30 - 2:00 p.m.	Robots on the Shop Floor – a Practical Introduction Andra Keay   AMT	
2:00 - 2:30 p.m.	From Manual to Automated: Developing a Low-Cost Machine Tending System for Independent Machine Shops Mike Becker   Harland Sharp	
2:30 - 3:00 p.m.	Small Shop, Big Gains: Transforming Job Shops with Simple Cobot Machine Tending Jake Beahan   Productive Robots	
3:00 - 3:30 p.m.	NETWORKING BREAK	
JUSTIFYING AUTOMATION WITH ROI		
3:30 - 4:00 p.m.	Adapt Your Manufacturing Process: Do MORE with LESS Steve Alexander   Acieta	
4:00 - 4 :30 p.m.	Keep Your Lights ON by Going Lights OUT: How Lights Out Manufacturing Can Make You Money Jacob Sanchez   Industrial Strength Marketing	
4:30 - 5:00 p.m.	The Hidden Factors in Calculating a Robot's ROI Steve Alexander   Acieta	

**NETWORKING RECEPTION** 

## WEDNESDAY, OCTOBER 11, 2023

8:00 - 9:00 a.m. **Registration Open / Breakfast** 

ROBOTS, LABOR & TECHNOLOGY		
9:00 - 9:30 a.m.	I Thought Robots Were Supposed to Make Everything Easier!?! Nathan Byman   Wolfram Manufacturing	
9:30 - 10:00 a.m.	Robots: Your Key to Employee Retention Robby Komijenovic   Acieta	
10:00 - 10:30 a.m.	Smart Robotic Cells: Labor Shortage Solutions for Surface Finishing Applications Eric Summa   GreyMatter Robotics	
10:30 - 11:00 a.m.	NETWORKING BREAK	
SOLVING FOR AUTOMATION TALENT		
11:00 - 11:30 a.m.	The 5 Steps to Upskilling Your Workforce in the Age of Industry 4.0 Ivan Manuel   LAB Midwest	
11:30 a.m 12:00 p.m.	World Class Talent Pipeline: Partnering with Your Technical/Community College to Secure Automation Talent Nick Mootz   ATS Midwest	
12:00 - 1:00 p.m.	LUNCH	
COBOTS & MAC	CHINING	
1:00 - 1:30 p.m.	Automated Inspections with Cobots Fabian Schmahl   Bold Promises Delivered	
1:30 - 2:00 p.m.	Industry 4.0 for Me - Workers Alongside Automation Dan Bagley   Strategic Ink - SideKick Werks	
1:30 - 2:00 p.m. 2:00 - 2:30 p.m.	Industry 4.0 for Me - Workers Alongside Automation Dan Bagley   Strategic Ink - SideKick Werks Think Long Term Success: Why Cobots are the First Choice for Many Small to Medium-sized Companies Jerry Perez   FANUC America Corporation	
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