

AUTOMATE • 2015

MARCH 23-26, 2015

McCormick Place • Chicago, Illinois USA



NORTH AMERICA'S BROADEST
AUTOMATION EVENT HAS
THE RIGHT SOLUTIONS FOR YOU!

HERE'S WHY YOU SHOULD ATTEND

- **Learn how** automation can benefit your company, plus when and how to deploy it
- **Get in-depth demonstrations** of the latest robotics, vision, motion control, metrology, sensors, assembly and other automation technologies
- **Find solutions** for every industry from experienced automation integrators
- **Attend educational sessions** at the conference and gain practical skills you can put to use right away

REGISTER TODAY.

Your complimentary show ticket is available at:

AutomateShow.com



SEE SOLUTIONS AT THE FRONT OF THE SHOW

When you walk into the show, you'll be greeted by the broadest group of automation solutions you'll see anywhere in the world. From packaging and assembly to welding and inspection, you'll see experienced integrators who have solved challenges similar to yours. RIA Certified Robot Integrators and AIA Certified System Integrators will be featured.



EXPERT HUDDLES ON THE SHOW FLOOR

Automate will feature Expert Huddles in various locations on the show floor. Free of charge, each Huddle will offer a wide variety of topics on important issues throughout the day where an industry expert will lead 45 minute open discussions in a small group.

Among the list of topics you can discuss with industry leaders and peers are:

- When Should I Automate?
- Considerations in Selecting a System Integrator
- Understanding ROI with Automation
- Are Collaborative Robots a Fit for Your Company?
- Getting the Most out of Automation Systems
- How to Consider Safety Aspects when Deploying Robots in your Factory
- How to Choose the Best Machine Vision Solution
- Improving Energy Efficiency with Motion Control Technologies

ONE BADGE, TWO SHOWS 100% AUTOMATION

Your Automate badge gives you free entry to the ProMat Show located just across the corridor in the South Hall. ProMat is North America's premier material handling and logistics show.

COLLOCATED WITH:



Your complimentary registration is available at AutomateShow.com

PRODUCED BY:



THE CONFERENCE



The Automate Conference, featuring the 46th International Symposium on Robotics, includes classes that are taught by experienced industry professionals that know your challenges.

Whether you are seeking entry level training for a basic understanding of automation or are looking for more advanced courses, the conference offers practical solutions you can use right away.

KEYNOTE PRESENTATIONS



MONDAY, MARCH 23 — 8:45 AM - 9:45 AM
TRANSFORMING YOUR MANUFACTURING BUSINESS FOR THE NEW DIGITAL AGE

Renée Niemi

Director of the Android and Chrome Global Business, Google for Work



TUESDAY, MARCH 24 — 8:45 AM - 9:45 AM
CONSCIOUS CAPITALISM: BLUEPRINT FOR A NEW SYSTEM FOR DOING BUSINESS

John Mackey

Co-Founder & CEO of Whole Foods Market



WEDNESDAY, MARCH 25 — 1:00 PM - 2:00 PM
WHAT'S NEXT – THE FUTURE OF TECHNOLOGY

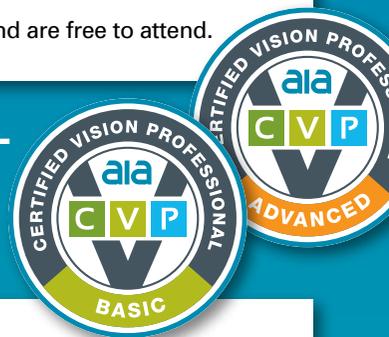
Steve Wozniak

Cofounder of Apple & Founder, Chairman & CEO of Wheels of Zeus

Keynotes are co-presented by Automate 2015 and Promat and are free to attend.

CERTIFIED VISION PROFESSIONAL TRAINING AND TESTING

Both CVP-Basic and CVP-Advanced level training courses and exams are offered.



COLLABORATIVE ROBOTS TRACK

Learn about the hottest topic in today's robotics industry – Collaborative Robots. We're dedicating five sessions over two days to discuss:

- The current landscape
- Current applications and challenges
- Key safety issues
- Gripping technologies
- Where we're headed



PRACTICAL TRAINING YOU CAN USE RIGHT AWAY

Conference Agenda

MONDAY, MARCH 23, 2015

8:00 am to 10:30 am	CVP-Advanced Certification Class Advanced Optics for Vision
8:00 am to 12:00 pm	CVP-Basic Certification Class The Fundamentals of Machine Vision
	Fundamentals of Robotics
8:45 am to 9:45 am	Keynote Address (<i>free to all attendees</i>) Transforming Your Manufacturing Business For the New Digital Age <i>Renée Niemi, Director of the Android and Chrome Global Business, Google for Work</i>
11:00 am to 1:00 pm	CVP-Advanced Certification Class Advanced Vision Lighting
1:30 pm to 4:00 pm	CVP-Basic Certification Class Beginning Optics for Machine Vision
1:30 pm to 5:00 pm	Robotics System Integration
2:00 pm to 4:00 pm	A Look at Leading Global Robotics Research
3:00 pm to 5:00 pm	CVP-Advanced Certification Class Advanced Vision System Integration
6:30 pm	ISR Gala Dinner & Engelberger Award Ceremony (<i>ticket required</i>) Chicago Museum of Science and Industry

TUESDAY, MARCH 24, 2015

8:00 am to 9:00 am	CVP-Advanced Certification Class Reliable Vision Application Development
8:00 am to 10:00 am	Vision Guided Robotics: Advances & Applications
8:00 am to 10:30 am	CVP-Basic Certification Class Beginning Lighting for Machine Vision
8:45 am to 9:45 am	Keynote Address (<i>free to all attendees</i>) Conscious Capitalism: Blueprint for a New System for Doing Business <i>John Mackey, Co-Founder & CEO, Whole Foods Market</i>
10:00 am to 12:00 pm	Big Data, the Cloud, Industry 4.0 – How it Impacts Your Facility
	Collaborative Robots The Current Landscape Is Automation Right for Your Company?
10:00 am to 1:00 pm	CVP-Advanced Certification Class Advanced Camera and Image Sensor Technology
2:00 pm to 5:00 pm	CVP-Basic Certification Class The Fundamentals of Camera and Image Sensor Technology
	Collaborative Robots Current Applications and Challenges
3:00 pm to 4:00 pm	Design Tools for Motion Control
3:00 pm to 5:00 pm	CVP-Advanced Certification Class 3D Vision System Development
	Introduction to Robot Safety Standards (ANSI/RIA R15.06, CSA Z434, ISO 10218)
	PLC Programming of Robots
	Is it Time to Move from Pneumatic to Electromechanical Automation?
5:15 pm to 7:00 pm	Automate Madness Networking Reception (<i>ticket required</i>) <i>Featuring basketball hall of famer - Bill Walton</i> McCormick Place, S406 - Vista Ballroom

Conference Agenda

WEDNESDAY, MARCH 25, 2015

8:00 am to 10:00 am	<i>CVP-Basic Certification Class</i> Image Processing Fundamentals
	<i>Collaborative Robots</i> Key Safety Issues
	Advances in End of Arm Tooling
	Advances in Robotic Welding
	Embedded Vision System Technology and Applications
8:00 am to 12:00 pm	<i>CVP-Advanced Certification Class</i> Advanced Color Machine Vision and Applications
10:30 am to 12:00 pm	Advances in Robot Simulation
	<i>Collaborative Robots</i> Gripping Technologies
	Successfully Applying 3D Vision
11:00 am to 12:00 pm	<i>Certified Vision Professional – Basic Level EXAM (fee required)</i>
1:00 pm to 2:00 pm	<i>Keynote Address (free to all attendees)</i> What's Next - The Future of Technology <i>Steve Wozniak, Cofounder of Apple & Founder, Chairman, & CEO of Wheels of Zeus</i>
3:00 pm to 5:00 pm	<i>Collaborative Robots</i> Where we're Headed
	CVP-Advanced Certification Class Advanced Vision Guided Robotics
	Practical Vision Applications
	How to Perform Robot Safety Risk Assessments
	Successful Robotic Material Handling Solutions

THURSDAY, MARCH 26, 2015

8:00 am to 10:00 am	<i>CVP-Advanced Certification Class</i> Metrology and 2D Calibration Techniques
8:00 am to 10:00 am	Key Issues in Machine Vision Standards
8:00 am to 10:00 am	Advances in Mobile Robots
10:30 to 11:30 am	<i>CVP-Advanced Certification Class</i> Non-Visible Imaging Theory and Techniques
	Understanding Smart Camera Technology
	Best Practices for a Robust & Reliable Machine Vision Inspection Application
1:00 pm to 3:00 pm	Industrial Robot Application Success Stories
2:30 pm to 5:00 pm	<i>CVP-Advanced Certification Class</i> Particle Analysis and Classification Techniques

FRIDAY, MARCH 27, 2015

8:00 am to 10:30 am	<i>CVP-Advanced Certification Class</i> Designing High-Speed and Linescan Vision Systems
1:00 pm to 3:00 pm	<i>Certified Vision Professional – Advanced Level EXAM (fee required)</i>



PRICING:

All Access Pass: \$945
(\$995 after March 1, 2015)

Single Day Pass: \$295
(\$325 after March 1, 2015)

*Agenda subject to change

Register at AutomateShow.com

NETWORKING OPPORTUNITIES

AUTOMATE MADNESS NETWORKING PARTY

Tuesday, March 24 at 5:15 p.m. – McCormick Place

Join us for a basketball-themed evening of networking with exhibitors, speakers and attendees over drinks, food and games.

Price: \$35

PARTY SPONSORS:

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**MEET
BASKETBALL
LEGEND
BILL WALTON!**

WALTON APPEARANCE BROUGHT TO YOU BY:



JOSEPH F. ENGELBERGER AWARDS DINNER

Monday, March 23 at 6:30 p.m.

Join us for dinner at the **Chicago Museum of Science and Industry**. The Engelberger Award, the industry's highest honor, will be presented in the categories of Leadership and Research. Attendees will also get a sneak peek at the museum's new robotics exhibit that opens in Spring 2015, slated to be one of the most impressive in the world!

Price: \$125

HEADQUARTERS HOTEL FOR AUTOMATE 2015

SHERATON CHICAGO HOTEL & TOWERS

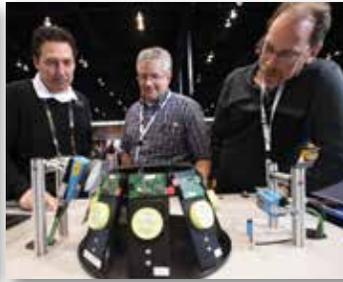
301 E. NORTH WATER STREET
CHICAGO, ILLINOIS 60611 USA
\$179 (USD) plus tax

Stay at the Automate 2015 Headquarters Hotel and extend your networking!
Call +1 800-325-3535 and ask for the Automate 2015 room block.



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- Automation Systems
- Safety Products
- Optics, Lasers, and Lighting
- Sensors
- Collaborative Robots
- Automated Assembly Equipment
- End of Arm Tooling
- Software
- Conveyors
- Plant Floor Controls
- Cables
- Cameras
- And more!

60%
LARGER
THAN THE
2013 SHOW!

For a complete list of over 250 participating exhibitors, visit www.automateshow.com/exhibitors



SHOW HOURS

Monday: 10:00 am - 5:00 pm
Tuesday: 10:00 am - 5:00 pm
Wednesday: 10:00 am - 5:00 pm
Thursday: 10:00 am - 3:00 pm

For safety reasons, no one under 16 admitted.

Questions? Call 734-994-6088 or email info@automateshow.com



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AUTOMATE

900 Victors Way, Ste 140
Ann Arbor, Michigan 48108 USA

AUTOMATION: THE FUTURE IS NOW

Whether you're just beginning to investigate automation or are an experienced user, Automate 2015 has the right solutions for you!

Your complimentary show registration is available at

[AutomateShow.com!](http://AutomateShow.com)