

# The World's Leading Robotics & Vision Event

## INTERNATIONAL ROBOTS & VISION S H O W

**Strengthen your  
company with**

- **Leading Edge Products**
- **Practical Solutions**
- **Breakthrough Technologies**
- **Proven Expertise**

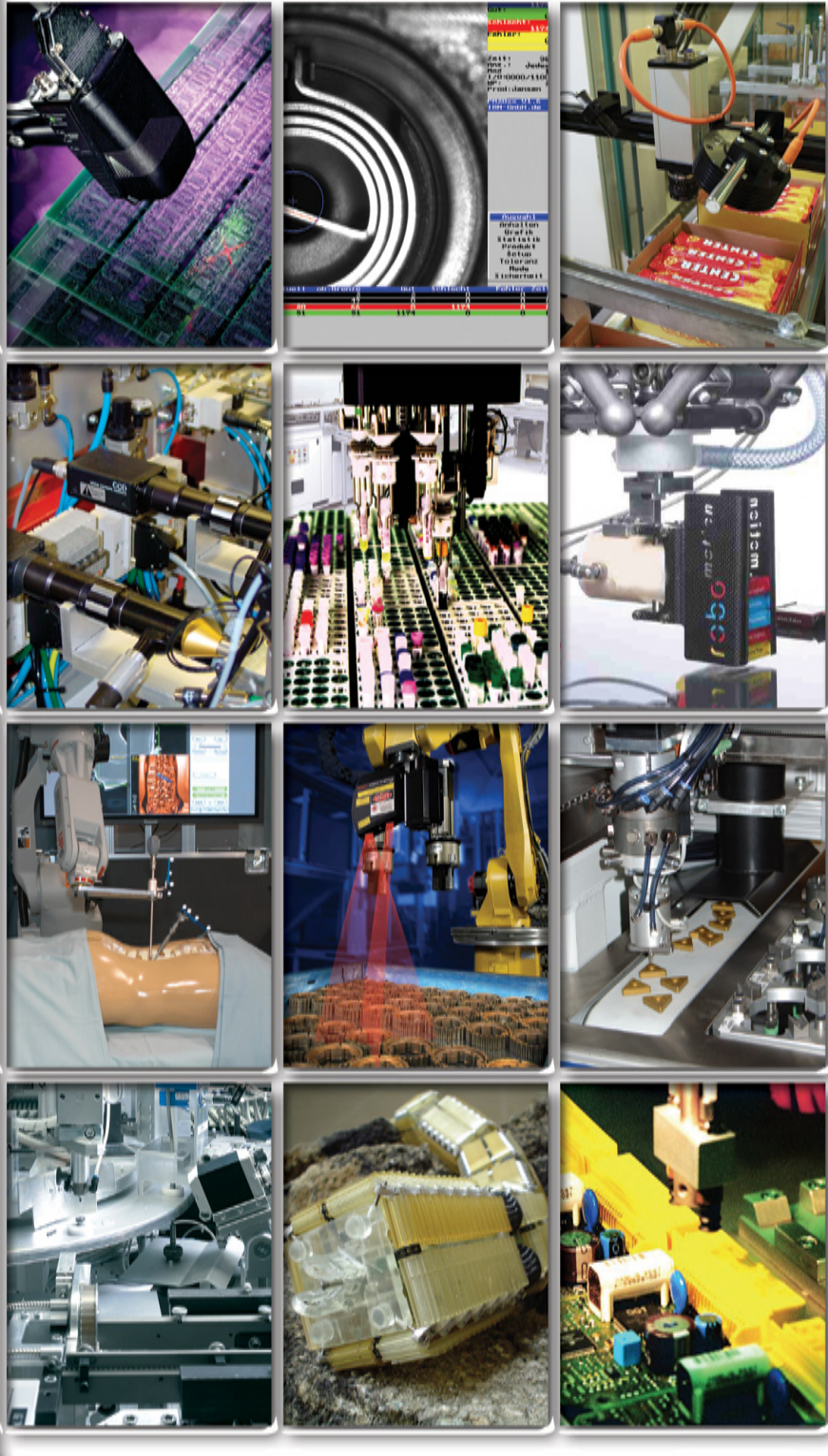
**...all under one roof!**

**These are just some of the products you'll find:**

Industrial Robots	Cameras
Cable and Wire Products	Complete Vision Systems
Controls	End of Arm Tooling
Frame Grabbers	Lighting & Optics
Motion Control	Robotic Safety Equipment
Sensors	Simulation Systems
Software	Used Robots

**If you work in one of these industries, this is the best show to find robotics and machine vision solutions:**

Electronics	Consumer Goods
Pharmaceuticals	Food & Beverage
Automotive	Medical Devices
Paper & Printing	Off Road Vehicles
Semiconductor	Plastics
Aerospace	Appliance
Textile	Furniture
Defense	Telecommunications



# STRENGTHENING INDUSTRY

# INTERNATIONAL ROBOTS & VISION SHOW

SEPTEMBER 27-29, 2005  
ROSEMONT (CHICAGO)  
ILLINOIS

CO-LOCATED WITH

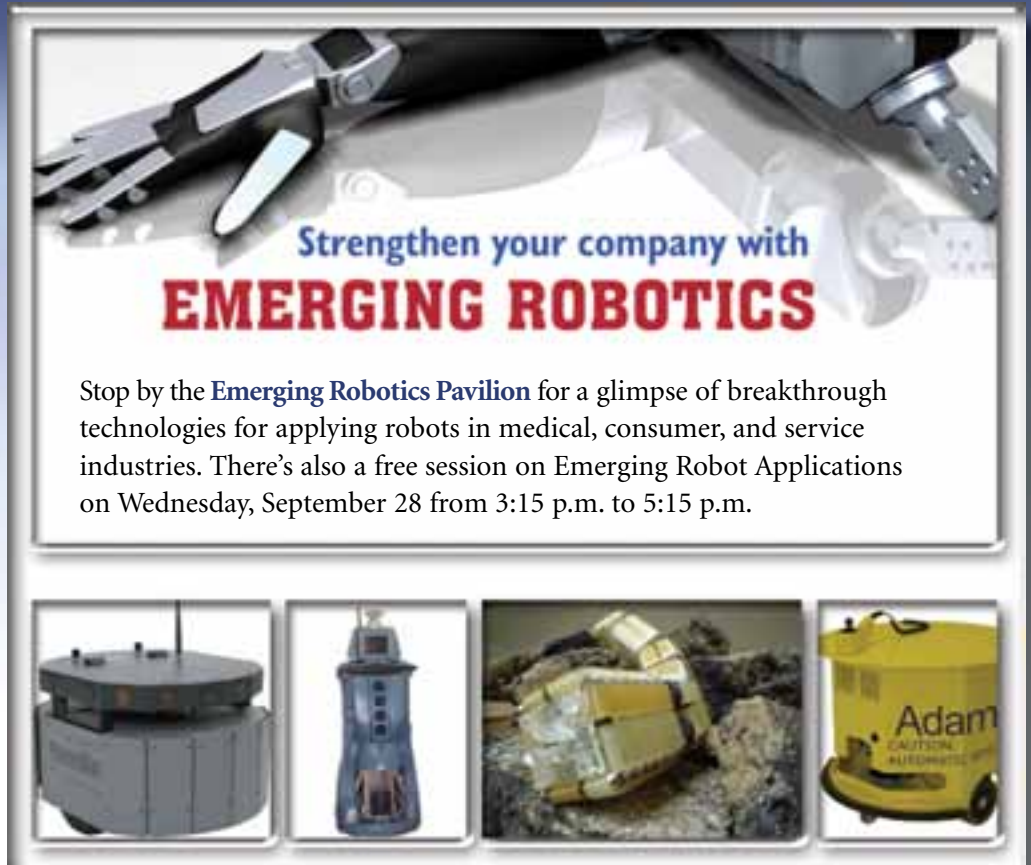


See nearly 600 of the world's leading assembly suppliers with hands-on displays of the latest test & inspection, automated assembly systems, workstations, hand tools, materials/parts handling equipment and more. For more information, visit [www.atexpo.com](http://www.atexpo.com).

## SIAS 2005


4th International Conference  
Safety of Industrial  
Automated Systems  
Chicago, Illinois, USA  
September 26-28, 2005

SIAS 2005 will cover a broad spectrum of industrial safety issues. The theme is "Machinery Safety in a Global Marketplace." Presentations will cover risk assessment, practical applications, training and supervision, protective devices and systems, control system design, standardization, innovation, and the future. All sessions will take place at the Hyatt Regency O'Hare, adjacent to the Donald E. Stephens Convention Center. A separate registration fee is required—for the complete program and fees, see [www.sias2005.org](http://www.sias2005.org) or call Jeff Fryman at (734) 994-6088. All SIAS 2005 conference registrants receive free admission to the International Robots & Vision Show.



Strengthen your company with  
**EMERGING ROBOTICS**

Stop by the **Emerging Robotics Pavilion** for a glimpse of breakthrough technologies for applying robots in medical, consumer, and service industries. There's also a free session on Emerging Robot Applications on Wednesday, September 28 from 3:15 p.m. to 5:15 p.m.



### Easy Travel & Great Rates!

The easiest way to make travel arrangements for the show is also the most flexible and economical. Hotel rates and airfare discounts have been negotiated for us by Travel Planners. Visit [www.robots-vision-show.info](http://www.robots-vision-show.info) and choose "housing information" to access Travel Planners or call (800) 221-3531 or (212) 532-1660.

### Location, location, location!

The International Robots & Vision Show takes place at the Donald E. Stephens Convention Center in Rosemont, just minutes from O'Hare Airport. It's surrounded by great hotels, nearby restaurants and entertainment options (including easy access to the "L" train to downtown Chicago), and ample parking.



### The Spirit of Innovation Luncheon

**Keynote Address by Dr. Yasuhiro Ota, Toyota  
Wednesday, September 28, Noon to 1:30 p.m.**

Toyota Motor Corp. has developed unique "Partner Robots" for use as personal assistants to humans. These robots have the ability to manipulate tools in an intelligent and gentle way and have many other human-like characteristics (including the ability to play musical instruments). Learn about why the project was started, current and future design concepts and possible applications in elder care, manufacturing, and human mobility.



SEPTEMBER 27-29, 2005 • ROSEMONT (CHICAGO), ILLINOIS

# Strengthen Your Company with the Latest Robots & Vision Products

Exhibiting Companies as of July 5, 2005

ABB Inc.  
 AccuSentry  
 Active Silicon  
 Advanced Illumination  
 Advanced Imaging Magazine  
 Allison Park Group  
 Antenen Research  
 APPLIED IMAGE Group  
 Assembly Magazine  
 ATI Industrial Automation  
 Automation Guarding Systems  
 Automotive Design & Production  
 Basler Vision Technologies  
 Bircher America Inc.  
 Bit Flow Inc.  
 Braintech, Inc.  
 CCS America, Inc.  
 Cedes Corp. of America  
 Cognex Corp.  
 Cohu Electronics Division

Epix Inc.  
 FANUC Robotics America, Inc.  
 Flir Systems, Inc.  
 Fork-Levator Inc.  
 Fortress Interlocks Inc.  
 The Fredericks Company  
 Frommelt Safety Products  
 FTI  
 GOYO Optical Inc.  
 Hamamatsu Photonic Systems  
 Hermary Opto Electronics Inc.  
 High Point Equipment Ltd.  
 Hitachi Denshi America, Ltd.  
 IDEC Corp.  
 Imperx Inc.  
 Industrial Control Repair (ICR)  
 IPD  
 IPR Automation-Sohner Plastics  
 ISRA Vision Systems  
 JAI PULNiX  
 JR3, Inc.  
 Kawasaki Robotics USA, Inc.  
 Koyo Encoder  
 KUKA Robotics Corp.  
 LAPP USA  
 LEONI EPS  
 LINOS Photonics, Inc.  
 Lumenera Corp.  
 Machine Vision & Imaging Europe  
 Manufacturing Control Solutions  
 Matrox Imaging  
 Max Levy Autograph, Inc.  
 Metaphase Technologies Inc.  
 Microview Technologies  
 Midwest Optical Systems  
 Mikron Infrared Inc.  
 Miller Edge, Inc.  
 Moritex USA Inc.  
 Motoman, Inc.

Multi-Contact USA  
 Nabtesco Motion Control Inc.  
 Nachi Robotic Systems, Inc.  
 National Instruments  
 NET USA  
 Noren Products, Inc.  
 ODVA  
 Panasonic Electric Works Corporation of America  
 Panasonic Factory Automation Co.  
 PaR Systems Inc.  
 Pari Robotics Inc.  
 Photonfocus  
 Photonics Spectra  
 PIAB Vacuum Products  
 Pilz Automation Safety L.P.  
 PixeLINK Inc.  
 Pleora Technologies Inc.  
 Point Grey Research  
 PPT VISION  
 Precise Automation  
 Preston-Eastin Inc.  
 Prosilica Inc.  
 Push Corp, Inc.  
 Redlake  
 Reis Robotics USA, Inc.  
 Rixan Associates Inc.  
 Robotic Accessories  
 Robotic Concepts, Inc.  
 Robotics World  
 RVSI / NER  
 RVSI Acuity CiMatrix  
 SAB Associated Wire Products  
 Schmalz, Inc.  
 Schmersal Inc.  
 Schneider Optics  
 Schott North America Inc.  
 Schunk, Inc.  
 Sensors Unlimited  
 SICK Inc.

Sony Electronics Inc.  
 Spectrum Illumination  
 Staubli Corporation  
 StockerYale, Inc.  
 SUNX, Ltd.  
 Tattile  
 Test & Measurement World  
 Titan Industries  
 Toshiba Teli Corporation  
 U.S. Naval Research Laboratory  
 Videology Imaging Solutions  
 Vision Components GmbH  
 Vision Systems Design  
 Vitronic Machine Vision  
 Volpi USA  
 Wago Corporation  
 Waldmann Lighting  
 Wordingham Technologies  
 Yamaha Robotics

## Emerging Robotics Pavilion

Gecko Systems  
 Kiberton, USA  
 MobileRobots.com  
 Yaskawa Electric Corp./Motoman  
 The University of Michigan  
 University of Tennessee, IRIS Lab

### Show Hours

**Tuesday, September 27**

10:00 a.m.–5:00 p.m.

**Wednesday, September 28**

10:00 a.m.– 5:00 p.m.

**Thursday, September 29**

10:00 a.m.–3:00 p.m.

No one under 18 admitted.

Computer Optics  
 Creative Automation Co.  
 CRIQ Automation  
 Dalsa, Inc.  
 Draka USA  
 Drossbach LLC/Reiku  
 DRS Infrared Technologies  
 Dunkley International Inc.  
 Edmund Industrial Optics



**Good**

### Exhibit Space Available!

Contact Reuter Exposition Services at 203/483-5774 to reserve your space! Members of Robotic Industries Association and Automated Imaging Association receive discounts—for full membership details, call 734/994-6088 or visit the association websites (see below).

For an up-to-date exhibitor list, see [www.robots-vision-show.info](http://www.robots-vision-show.info)

The International Robots & Vision Show is Co-Sponsored by:



**Robotic Industries Association**

900 Victors Way • P.O. Box 3724

Ann Arbor, Michigan 48106

Phone: 734/994-6088 • Fax: 734/994-3338

[www.roboticonline.com](http://www.roboticonline.com)



**Automated Imaging Association**

900 Victors Way • P.O. Box 3724

Ann Arbor, Michigan 48106

Phone: 734/994-6088 • Fax: 734/994-3338

[www.machinevisiononline.org](http://www.machinevisiononline.org)



## TUTORIALS

Industrial experts teach these in-depth tutorials that provide you with knowledge you can put to immediate use at your company.

### Monday, September 26

8:30 a.m. to 11:00 a.m.

#### Tutorial 1:

#### Getting Started with Machine Vision

**Time:** 8:30 a.m. to 11:00 a.m.

**Cost:** \$245 by August 26; \$295 after August 26

**Instructor:** Valerie Bolhouse, Ford Motor Company

You'll learn all the basics, including how images are captured and transferred to the computer, the principles of lighting and the common processing algorithms used by machine vision systems. Discover how to successfully implement vision and how to avoid common pitfalls during the implementation, launch and production phases. This is an ideal course for people new to machine vision, as well as a great refresher course for anyone with machine vision responsibilities.

#### Tutorial 2:

#### Getting Started with Robotics

**Time:** 8:30 a.m. to 11:00 a.m.

**Cost:** \$245 by August 26; \$295 after August 26

**Instructor:** Geary Soska, CMfgE, The Goodyear Tire & Rubber Company

You'll learn the basics of how robots work, which tasks they are best and least suited for, what you must consider when evaluating potential robot applications, how to evaluate robotic equipment and suppliers, how to effectively budget for robot applications, and how to avoid failure. This is a great course for anyone seeking tips on how to successfully apply robots at their company.

#### Tutorial 3:

#### Robotics Risk Assessment

**Time:** 1:00 p.m. to 3:00 p.m.

**Cost:** \$245 by August 26; \$295 after August 26

**Instructor:** Bruce Main, design safety engineering

You'll receive hands-on training that will prepare you to conduct a risk assessment at your company. A risk assessment is a key tool in helping you determine the right level of safeguarding commensurate with the degree of hazard of your robotic cell. This

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## SESSIONS

Changes to the conference lineup are possible. For an updated list of sessions, visit [www.robotsandvision.com](http://www.robotsandvision.com).

### Tuesday, September 27

#### FREE Grand Opening Keynote

#### Robonaut and Future Assembly of the International Space Station

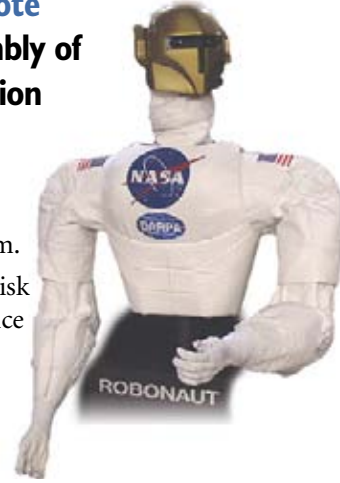
Jointly presented by

Assembly Technology Expo and

International Robots & Vision Show

**Time:** 9:00 a.m. to 10:00 a.m.

**Speaker:** Michael Lutomski, Risk and Mission Assurance Manager, NASA International Space Station Program



Robonaut is a humanoid robot designed by the Robot Systems Technology Branch at NASA's Johnson Space Center in a collaborative effort with DARPA. The Robonaut project seeks to develop and demonstrate a robotic system that can function as an astronaut equivalent on spacewalks. Working side by side with humans, or going where the risks are too great for people, machines like Robonaut will expand our ability for construction and discovery. Come hear about the progress of this extraordinary effort that incorporates both robotics and machine vision technology in exciting new ways!

#### Session 1: 3-D Machine Vision

**Time:** 1:00 p.m. to 3:00 p.m.

**Speakers:** Karl Gunnarsson, SICK IVP; Dr. Georg Lambert, ISRA Vision Systems; Kai-Udo Modrich, Fraunhofer Institute; Michael Schindler, Vitronic; Walt Pastorious, LMI Technologies

Advances in 3-D machine vision make this technology better suited to more manufacturing applications than ever before. Learn about new 3-D developments such as 3-D smart cameras and determine if 3-D vision can help your company in applications including measurement, robot guidance, bin picking, and weld seam inspection.

#### Session 2: The Business Case for Robotics

**Time:** 1:00 p.m. to 3:00 p.m.

**Speakers:** Kirk Goins, ABB Robotics; Chuck Keibler, Genesis Systems Group; Kap Choi, Fanuc Robotics America; Timothy DeRosett, Adept Technology; Mike Olive, RWD Technologies

You'll explore issues such as how to cost justify robots, why robots make sense in a lean manufacturing environment, how robots can help keep manufacturing onshore.



1:00 p.m. to 3:00 p.m.

is a great course for anyone responsible for planning, implementing, supervising, or auditing the safety of a robotic cell.

#### Tutorial 4:

### Beginning Lighting & Optics

**Time:** 1:00 p.m. to 3:00 p.m.

**Cost:** \$245 by August 26; \$295 after August 26

**Instructors:** Jon Chouinard, RVSI/NER and Stuart Singer, Schneider Optics

You'll gain an excellent introduction to lighting geometry and the basics of illumination optics. Unlike traditional lighting and optics courses, this tutorial is designed to give you a firm understanding of how image quality is specified and used to improve overall system performance. You'll leave this course with the knowledge necessary to converse with seasoned lighting & optics designers and suppliers.

3:15 p.m. to 5:15 p.m.

#### Tutorial 5:

### Advanced Lighting & Optics

**Time:** 3:15 p.m. to 5:15 p.m.

**Cost:** \$245 by August 26; \$295 after August 26

**Instructors:** Jon Chouinard, RVSI/NER and Stuart Singer, Schneider Optics

Designed for the engineering professional, you'll learn real-world techniques for putting together illumination & optical systems that work. You'll learn how to select proper illumination wavelength, both visible and non-visible, as well as how to deal with complex part surface geometries. Although there are no pre-requisites, Beginning Lighting & Optics is recommended.

#### Tutorial 6:

### Robotic & Machine Vision System Integration Strategies

**Time:** 3:15 p.m. to 5:15 p.m.

**Cost:** \$245 by August 26; \$295 after August 26

**Instructors:** Brian Turner, Automated Concepts, and David Dechow, *aptura* Machine Vision Solutions

Learn how to work with system integrators to develop successful robot and vision systems at your company. Understanding and communicating your needs, writing a good spec, and tips on selecting the right integrator for your project will be explored. Real-world examples will be used as illustrations.

Manufacturing Strategy, future applications for your company to consider, and productivity and cost justification strategies in robotic welding that may be applicable in any application.

### Session 3: Advances in Smart Cameras & Sensors

**Time:** 3:15 p.m. to 5:15 p.m.

**Speakers:** Bill Silver, Cognex; James Snow, Omron, Dave Fletcher, Banner Engineering

One of the fastest growing segments of the machine vision market is the smart camera/smart sensor field. Learn about how these easy-to-use technologies are applied for inspection tasks such as filling/capping bottles, labeling and coding, and metal stamping. You'll also hear about a new class of sensor that detects and inspects objects by watching them pass through the field of view, allowing it to perform tasks that current vision systems cannot.



### Session 4: Case Studies of Successful Robot Applications

**Time:** 3:15 p.m. to 5:15 p.m.

**Speakers:** Chris Anderson, Motoman; Brian Doyle, Panasonic Factory Solutions; Joseph Portelli, Fanuc Robotics America; David Egeland, Automated Concepts

One of the best ways to determine if robots are right for your needs is to learn about how they are being successfully used at other companies. In this session, you'll hear about multiple



arm robot cells used in a lean manufacturing operation, how robots can be used for multi-tasking operations, how a low volume manufacturer uses robots to solve quality problems, and how robots can help industries such as plastics, which has been a relatively slow adopter of the technology.



## Register for the **Strengthening Industry Pass...Your Best Value!**

With a **Strengthening Industry Pass**, you'll have full access to all the tutorials and conference sessions, free show admission, all the course materials, and "The Spirit of Innovation" Luncheon—it's the best way to maximize your benefits at the conference. The cost is just \$1095, a savings of \$500 off the "a la carte" pricing!

# REGISTER BY AUGUST 26<sup>TH</sup> FOR MAXIMUM SAVINGS!

For speakers and more information on their topics, visit [www.robots-vision-show.info](http://www.robots-vision-show.info)

## Wednesday, September 28

### Session 5: Non-Visible Imaging

**Time:** 8:00 a.m. to 10:00 a.m.

**Speakers:** Doug Malchow & Martin Ettenberg, Sensors Unlimited; Kai-Udo Modrich, Fraunhofer Institute; Robert Roche, Hamamatsu; Kyle Voosen, National Instruments; Robert Andreas, Sarnoff Corporation

Non-visible imaging methods are making rapid advances and creating new applications. In this session, you'll learn about automated IR imaging, SWIR imaging for industrial processes, UV and Deep UV imaging advances and applications, NIR spectroscopy for surface inspection, and x-ray imaging in high-speed, high-resolution applications.

### Session 6: Vision Guided Robots

**Time:** 8:00 a.m. to 10:00 a.m.

**Speakers:** Hans Jurgen Christ, ISRA Vision Systems; Jan-Philippe de Broeck, Adept Technology; Adil Shafi, Shafi, Inc; Rodney Shurtliff, Idaho National Laboratory, Babak Habibi, Braintech; Johnny Park, Purdue University

Vision guided robots are becoming more widespread in industry. Learn about applications for integrated in-line seam tracking, line tracking on a moving assembly line, inspection and a wide variety of other tasks, as well as the advantages vision guided robots provide in increasing flexibility, throughput, and quality while reducing manufacturing costs.

## Wednesday, Noon to 1:30 p.m.

### Spirit of Innovation Luncheon

Luncheon with keynote address by Dr. Yasuhiro Ota of Toyota's Partner Robot Development Program (details on reverse side). Also featuring presentation of the first RIA Robotics Research Equipment Award.

### Session 7: Using Vision for Traceability

**Time:** 3:15 p.m. to 5:15 p.m.

**Speakers:** Frank Maslar, Ford Motor Company; Matt Allen, Microscan Systems; Eric McDaniel, Cognex

Automatic component identification and unit-level product traceability is rapidly being deployed throughout the automotive and other manufacturing industries, thanks to advances in image processing technology. You'll learn about how direct part mark identification and 2D datamatrix symbology can efficiently handle applications for traceability, error proofing, and process control.

### Session 8: Emerging Robot Applications

**Time:** Wednesday, 3:15 p.m. to 5:15 p.m.

**Speakers:** Dr. Johann Borenstein, University of Michigan; Martin Spencer, Gecko Systems; James Patton, Ph.D., Rehabilitation Institute of Chicago

Robotics technology now extends beyond the factory floor into a wide range of service applications. New advances in areas such as mobility and humanoid robots offer the hope of even more applications in industries such as medicine, elder care, security, entertainment and defense. In this session you'll learn about exciting new developments and get a look at the next wave of robotics!

## Thursday, September 29

### Session 9: Robots for Grinding, Deburring and Finishing Applications

**Time:** 8:00 a.m. to 10:00 a.m.

**Speakers:** Aaron Odham, ATI Industrial Automation; Edwin Erlbacher, Pushcorp; Mark Hardig, Automated Concepts; Paul Schuch, Robotic Production Technology

In this session you will learn force control basics, off-line programming strategies for material removal, tips on robotic deburring and tool changing, and examine successful robotic plastic finishing applications.

### Session 10: Selecting the Right Camera Interface for Your Needs

**Time:** 8:00 a.m. to 10:00 a.m.

**Speakers:** Drew Buttress, Lumenera; Jerry Fife, Point Grey Research, John Merva, Tattile USA; Antonio Iglesias, National Instruments

With so many competing options on the market, it's hard to know whether Firewire, Camera Link, USB or GigE Vision is right for your needs. This session will help you analyze the pros and cons of each interface and show you examples using various interfaces.

### Session 11: Robots and Vision for Packaging & Palletizing Applications

**Time:** 10:15 a.m. to 12:15 p.m.

**Speakers:** Mark Senti, GSMA-Division of SWF Companies; Rick Tallian, ABB; John Westbeld, SAS Automation LLC

Robotics and vision technology offers tremendous opportunities for meeting the challenges of today's packaging lines. In this session you'll learn about how robots are used for product handling for in-feed, primary and secondary packaging, and end of line palletizing. You'll also examine typical applications and ways they can be made more efficient through advances in end of arm tooling.



**FREE to all Show and Conference Attendees!**

# REGISTRATION FORM

## SHOW & CONFERENCE REGISTRATION FEES

### REQUIRED INFORMATION:

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Country: \_\_\_\_\_

Phone: \_\_\_\_\_

Fax: \_\_\_\_\_

Email: \_\_\_\_\_

(Note: Free show admission to Robots & Vision Show and ATEexpo is included with all conference registrations.)

**Show Only - FREE!**

**September 27-29**

Includes Grand Opening Keynote Session on Tuesday, September 27 and Session 8: Emerging Robot Applications on Wednesday, September 28

**FREE!** (if this form is submitted by August 26 or brought to the show with you. Without this form, onsite admission is \$30.)

No one under 18 admitted.

**Strengthening Industry Pass**

**September 26-29**

Allows you to attend any of the six tutorials and eleven conference sessions, provides tutorial handouts, a CD with all conference handouts, and one ticket to "The Spirit of Innovation Luncheon" on September 28. *Your best value!*

By August 26-\$1095

After August 26 & onsite-\$1195

Please indicate by number which tutorials and sessions you plan to attend:

Tutorials \_\_\_\_\_

Sessions \_\_\_\_\_ amount due \$ \_\_\_\_\_

**Conference Sessions Only Pass**

**September 27-29**

Allows you to attend any of the eleven conference sessions and provides you with a CD containing all conference handouts, and one ticket to "The Spirit of Innovation Luncheon" on September 28. Does not include Monday tutorials.

By August 26-\$775

After August 26 & onsite-\$875

Please indicate by number which sessions you plan to attend:

Sessions \_\_\_\_\_

amount due \$ \_\_\_\_\_

**Individual Tutorials**

**September 26 only**

Includes your choice of tutorials and their handouts; does not include any sessions or full conference proceedings.

By August 26-\$245 each

After August 26 & onsite-\$295 each

Please indicate by number which tutorials you plan to attend (maximum of 3):

Tutorials \_\_\_\_\_

Number of tutorials x \$ \_\_\_\_\_

= amount due \$ \_\_\_\_\_

**Individual Sessions**

**September 27-29**

By August 26-\$165 each

After August 26 & onsite-\$195 each

Please indicate by number which sessions you plan to attend (maximum of 6):

Sessions \_\_\_\_\_

Number of sessions x \$ \_\_\_\_\_

= amount due \$ \_\_\_\_\_

**The Spirit of Innovation Luncheon**

**September 28**

Includes lunch and Keynote Address by Dr. Yasuhiro Ota of Toyota  
Free with Strengthening Industry Pass or Conference Sessions Only Pass; for all others:

By August 26-\$35

After August 26 & onsite-\$40

Number of lunch tickets x (ticket price) \$ \_\_\_\_\_

**GRAND TOTAL** \$ \_\_\_\_\_

No charge for cancellations received prior to September 19, 2005. No charge for substitutions at any time. Cancellations received after September 19, 2005 will result in a \$50 cancellation fee. No refunds for cancellations received after September 26, 2005.

<p><b>1</b> My job title/function is (select only one):</p> <p><input type="checkbox"/> A. Corporate Management</p> <p><input type="checkbox"/> B. Manufacturing Management</p> <p><input type="checkbox"/> C. Manufacturing Engineering</p> <p><input type="checkbox"/> D. Production Management</p> <p><input type="checkbox"/> E. Production Engineering</p> <p><input type="checkbox"/> F. Process Control Engineering</p> <p><input type="checkbox"/> G. Educator</p> <p><input type="checkbox"/> H. Research and Development</p> <p><input type="checkbox"/> I. Sales and Marketing</p> <p><input type="checkbox"/> J. Other—please specify: _____</p>	<p><b>3</b> My company is (Please select option that most closely matches):</p> <p><input type="checkbox"/> A. OEM</p> <p><input type="checkbox"/> B. System Integrator</p> <p><input type="checkbox"/> C. End User</p> <p><input type="checkbox"/> D. Robot Supplier</p> <p><input type="checkbox"/> E. Vision Supplier</p> <p><input type="checkbox"/> F. Consulting Firm</p> <p><input type="checkbox"/> G. Government Facility</p> <p><input type="checkbox"/> H. Research Lab</p> <p><input type="checkbox"/> I. University</p> <p><input type="checkbox"/> J. Other—please specify: _____</p>	<p><b>4</b> What is your purchasing authority for robotics and/or machine vision products (check one):</p> <p><input type="checkbox"/> A. Recommend</p> <p><input type="checkbox"/> B. Specify</p> <p><input type="checkbox"/> C. Approve</p> <p><input type="checkbox"/> D. Not Applicable</p>	<p><b>5</b> Please indicate if your company currently uses:</p> <p><input type="checkbox"/> A. Robots</p> <p><input type="checkbox"/> B. Machine Vision</p> <p><input type="checkbox"/> C. Neither</p>
<p><b>2</b> My company's primary industry is (select only one):</p> <p><input type="checkbox"/> A. Aerospace</p> <p><input type="checkbox"/> B. Appliance</p> <p><input type="checkbox"/> C. Automotive Manufacturer</p> <p><input type="checkbox"/> D. Automotive Supplier</p> <p><input type="checkbox"/> E. Consumer Goods</p> <p><input type="checkbox"/> F. Defense/Military</p> <p><input type="checkbox"/> G. Education</p> <p><input type="checkbox"/> H. Electronics</p> <p><input type="checkbox"/> I. Food &amp; Beverage</p> <p><input type="checkbox"/> J. Furniture</p> <p><input type="checkbox"/> K. Medical Devices</p> <p><input type="checkbox"/> L. Off-road Vehicles</p> <p><input type="checkbox"/> M. Paper/Printing</p> <p><input type="checkbox"/> N. Pharmaceuticals</p> <p><input type="checkbox"/> O. Plastics</p> <p><input type="checkbox"/> P. Semiconductor</p> <p><input type="checkbox"/> Q. Textiles</p> <p><input type="checkbox"/> R. Other—please specify: _____</p>	<p><b>6</b> Please indicate if in the next six months your facility plans to purchase:</p> <p><input type="checkbox"/> A. Robots</p> <p><input type="checkbox"/> B. Machine Vision</p> <p><input type="checkbox"/> C. Unsure</p> <p><input type="checkbox"/> D. Neither</p>		

**Method of Payment** Prepayment is required for conference registrants.

Check enclosed (in U.S. funds, drawn on a U.S. bank, payable to "RIA")


Credit Card

American Express    MasterCard    VISA    Discover

Number \_\_\_\_\_ Exp. Date \_\_\_\_\_

Name on Card \_\_\_\_\_

Authorized Signature \_\_\_\_\_

Please return with payment to:  Robots & Vision Show, P.O. Box 3724, Ann Arbor, MI 48106  
For faster service, fax to (734) 994-3338  
Questions? Call (734) 994-6088

You also can register online at:  [www.robots-vision-show.info](http://www.robots-vision-show.info)

# INTERNATIONAL ROBOTS & VISION S H O W

SEPTEMBER 27-29, 2005  
ROSEMONT (CHICAGO)  
ILLINOIS

CO-LOCATED WITH



See all the latest products  
and discover new solutions  
at the world's leading  
robots and vision event!

**Your FREE show  
ticket is inside!**

Robots & Vision Show  
P.O. Box 3724  
Ann Arbor, MI 48106

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# INTERNATIONAL ROBOTS & VISION S H O W

The World's Leading  
Robot & Vision Event!  
SEPTEMBER 27-29, 2005  
ROSEMONT (CHICAGO)  
ILLINOIS

## STRENGTHENING INDUSTRY

Strengthen your company with

- Leading Edge Products
- Breakthrough Technologies
- Practical Solutions
- Proven Expertise

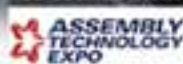
**...all under one roof!**

- Find solutions for material handling, assembly, material removal, welding, painting/coating, gauging, guidance, identification, inspection tasks and more
- Learn from industry experts at in-depth conference sessions
- See how robots are applied in medical, consumer, military, and service industries in the Emerging Robots Pavilion
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