



# 2013

## CONFERENCE SCHEDULE

### Tuesday April 9, 2013

9:00 – 10:00 am—Keynote

**Opportunities and Threats in the Global Flexible**

**Packaging Market**

*Paul Gaster, Director Flexible Packaging at PCI Films Consulting Ltd*

Paul Gaster has more than 35 years experience in the packaging industry in marketing services and corporate planning roles. In 2000 he joined PCI Films Consulting Ltd to head up the company's consulting services to the flexible packaging sector. He co-edits PCI's European Flexible Packaging and World Flexible Packaging Trends quarterly reports and has authored many flexible packaging multi-client studies, including the company's annual survey of the European Flexible Packaging Market.



*ICE USA 2013 will have plenty of equipment for attendees to see after the conference program each day.*

### WEB COATING - METHODS

10:00 - 10:30 am—Coating Process Success Principles

*Edward Cohen, Edward D. Cohen Consulting Inc.*

10:30 - 11:00 am—Cartridge Coaters - Design for Flexibility and Efficiency

*Bob Pasquale & John Looser, New Era*

11:00 - 11:30 am—Bead Coating - The cutting-edge technology for coatings of functional films

*Daniel Eggerath, KROENERT GmbH & CO KG*

11:30 - 12:00 pm—Non-Contact Precision Metered Coating

*Mike Budai, ITW Dynatec*

### WEB HANDLING - TENSION

10:00 - 12:00 pm—Answers to Tensioning Questions (2 hour session)

*Dr. David R. Roisum, Finishing Technologies/Converting Quarterly Columnist*

*Timothy J. Walker, TJWalker+Associates Inc./PFFC Contributing Editor*

### ADHESIVES/ADHESION

10:00 - 10:30 am—Novel approaches towards curing of radiation curable pressure sensitive adhesives

*Benno Blickenstorfer, Collano Adhesives AG.*

10:30 - 11:00 am—Effects of Cumulative Surface Treatment on Vacuum-Deposited Coating Adhesion

*Rory Wolf, Enercon Industries Corporation*

11:00 - 11:30 am—New Water Based Compostable Adhesive System

*John Fitzgerald, BASF*

11:30 - 12:00 pm—Reduced Solvent and Higher Speed Application of Two Component Polyurethane Adhesives

*David Viatti, Woo-Sung Bae, Linda Anderson, The Dow Chemical Company*

### Wednesday April 10, 2013

9:00 – 10:00 am—Keynote

**Merger and Acquisition Trends in the Converting Industry**

*Thomas E. Blaigne, Chairman & Chief Executive Officer, Blaigne & Company*

Tom established Blaigne & Company, an international investment banking firm dedicated exclusively to the plastics, packaging and chemicals industries. He has 30 years of transaction experience; he and his team of transaction and operations experts have completed over 200 transactions and visited over 400 plastics, packaging, and chemicals operations in over 40 countries. Blaigne & Company's proprietary research department tracks and analyzes over 500 plastics industry M&A transactions annually on a worldwide basis.

### WEB COATING - CURING

10:00 - 10:30 am—Electron Beam Technology Advancements In Package Decoration

*Karl Swanson, PCT Engineered Systems*

10:30 - 11:00 am—Low Energy UV Curing for High Speed Presses

*David Lyus, GEW (EC) Limited*

**11:00 - 11:30 am—Advances in UV Measurement for Better Process Control**

*Paul Mills & Jim Raymont, EIT Instrument Markets*

**11:30 - 12:00 pm—Advantages and benefits of Ultrasonic Bonding versus Alternative Bonding Methods**

*Bill Lynch, Herrmann Ultrasonics*



**WEB HANDLING - ROLLERS**

**10:00 - 12:00 pm—Answers to Roller Design and Alignment Questions (2 hour session)**

*Dr. David R. Roisum, Finishing Technologies/Converting Quarterly Columnist*

*Timothy J. Walker, TJWalker+Associates Inc./PFFC Contributing Editor*

**ADHESIVES/ADHESION**

**10:00 - 10:30 am—Technical & Regulatory Considerations for the New Entrants to the Short-Run Flexible Packaging Market**

*Kelly Williams, Ashland*

**10:30 - 11:00 am—UV curable PSA for industrial tapes applications**

*Zhaohui Sun, Ashland Performance Materials*

**11:00 - 11:30 am—Controlled Adhesion in Reactive Solution Acrylic PSAs**

*Ingrid Brase and Anje Schneider, Henkel Corporation*

**11:30 - 12:00 pm—Combining Polypropylene With Aluminum Foil**

*Bruce Foster, Mica Corp.*

**Thursday April 11, 2013**

**9:00 - 10:00 am—Keynote**

**BOPET and BOPP film trends to 2016**

*Paul Gaster, Director Flexible Packaging at PCI Films Consulting Ltd*

Paul Gaster has more than 35 years experience in the packaging industry in marketing services and corporate planning roles. In 2000 he joined PCI Films Consulting Ltd to head up the company's consulting services to the flexible packaging sector. He co-edits PCI's European Flexible Packaging and World Flexible Packaging Trends quarterly reports and has authored many flexible packaging multi-client studies, including the company's annual survey of the European Flexible Packaging Market.

**WEB COATING - INSPECTION**

**10:00 - 10:30 am—Film Inspection: Live Quality! - A holistic integration concept for inspection systems into the production**

*Oliver Hissmann, OCS Optical Control Systems GmbH*

**10:30 - 11:00 am—Innovative Automated Web and Sheet Inspection Systems - Vision Beyond Defect Detection**

*Jochen Koenig, Schenk Vision*

**11:00 - 11:30 am—New Laser-Camera Technology for On-Line, 100% Roll-To-Roll Inspection – Defect Detection, Pattern Recognition and Metrology**

*Timothy A. Potts, Dark Field Technologies, Inc.*

**11:30 - 12:00 pm—Latest developments and concepts in optical web coating inspection technologies**

*Dr. Rudolf Krampe, ISRA VISION*

**12:00 - 12:30 pm—Global defect management during the manufacturing process with vision in OPV**

*Kim-Anne Dufour, IN CORE Systèmes*

**WEB HANDLING - PROCESS**

**10:00 - 10:30 am—Computerized Traverse Winding for Converted Materials**

*Robin Ulanski, Independent Machine Company*

**10:30 - 11:00 am—Roll-to-Roll Manufacturing Static Control Best Practices**

*Kelly Robinson, Electrostatic Answers*

**11:00 - 11:30 am—Shear Knife Overlap and Dimensional Run-Out**

*Dave Rumson, DR Consulting*

**11:30 - 12:00 pm—Engineering Elastomeric Materials**

*Devin Frost, ABBA Roller*

**12:00 - 12:30 pm—Accurate length measurement during converting**

*Timothy Rye, RYECO Inc*

**ADHESIVES/ADHESION**

**10:00 - 10:30 am—Emulsion Silicones and CCK - The Building Blocks for Specialty Release papers**

*W Michael Reed, Glatfelter*

**10:30 - 11:00 am—Silicone Release and Pressure Sensitive Adhesives: Making the Right Selection for Label Applications**

*Ingrid Brase, Henkel Corporation*

**11:00 - 11:30 am—In-line process control of silicone coatings**

*Vivek Komaragiri, Sensory Analytics*

**11:30 - 12:00 pm—Web Cleaning for Improved Adhesion**

*George Zuments, Web systems, Inc (WSI)*

**12:00 - 12:30 pm—Advanced On-Line Infrared Measurement Techniques of Polymer Structures**

*Ray Shead, NDC*



# 2013

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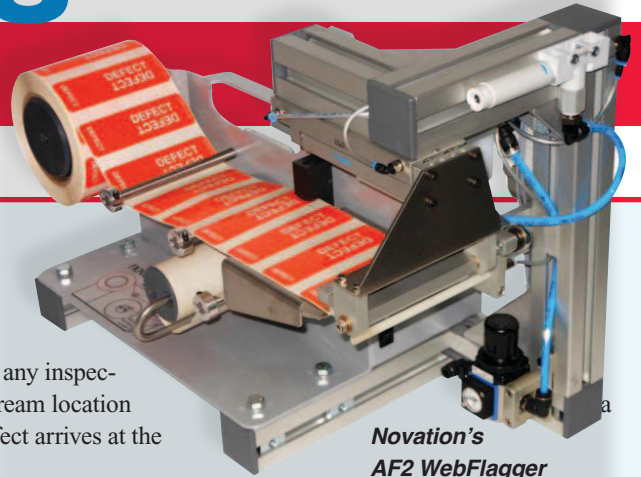
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# 2013

## PRODUCTS



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### Web Control

Montalvo will showcase its ES Dead Shaft-Idler Load cells, U series under pillow block load cells, U4 and S4 tension controllers, US4 ultrasonic sensor, and its exclusive range expander. Montalvo's VKL brake and safety

chuck package, entire line up brakes, and its dancer tension control system will also be on display. New products on display include the customizable NS series load cells, filament load cell, I4 tension indicator, and the new torque brake.—[www.montalvo.com](http://www.montalvo.com)

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## Speed Measurement

Beta LaserMike will be exhibiting its LaserSpeed® non-contact length and speed measurement technology at ICE USA 2013. The LaserSpeed encoder projects a unique pattern on the surface of the product. As the product moves, light is scattered back to the LaserSpeed unit. This information is translated into product speed and pulses are produced to determine the product length. Length and speed measurements are captured with better than  $\pm 0.05$  percent accuracy, with  $\pm 0.02$  percent repeatability.

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## Double-Nip Web Cleaner

Polymag Tek's 6RNWC-CD web cleaner is designed to remove loose particulate contamination from a moving web. The four Polymag® Tek Blue-S contact cleaning rolls (CCRs) provide a double nip, which contacts both sides of the web as it moves through the unit. Surface contamination is transferred from the web to the CCRs, which are continuously cleaned by two pre-sheated adhesive tape rolls. The double-nip provides a calculated contact cleaning efficiency of up to 99.9 percent.—[www.polymagtek.com](http://www.polymagtek.com)

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## ICE USA Products

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### Cantilevered Slitter Rewinder

Deacro's model C610C duplex cantilevered slitter rewinder includes several innovations in quick set-up and automation. State-of-the-art technology includes the servo lay-on system, servo laser core positioner, auto or digital knife positioning, turret rewind option, auto web cut system, auto web taping, auto core loading, and automated roll packaging systems.—[www.deacro.com](http://www.deacro.com)

### Coating Systems

Nordson Corporation's TCHP TrueCoat® slot applicator provides exceptional accuracy for stripe or full coating application in continuous web processes. Streak-free coverage and excellent edge control make the TCHP beneficial for tape and label applications. The compact, configurable design is ideal for coating a wide variety of substrates including papers, foils, films, and nonwovens. Fast pattern changes are achieved with quick-change, replaceable slot nozzles.—[www.nordson.com](http://www.nordson.com)



Nordson's  
TCHP  
TrueCoat  
slot applicator

## PACKAGE PRINTING PRODUCT MARTS



### Calling Tools Worldwide

Founded in 1966, Foster-Keencut has become one of the most known suppliers for cutting tools worldwide with production plants in Germany, UK and USA. The product range includes the following: Flexible slits for foil or rotary applications, Magnetic Cylinders and Roll Magnetic Boxes for all printing machines, Roll Cutting cylinders CMC and EDM, Compressed Air Dies, Spooled Hole Punching Dies, Slitting and Perforating Cylinders, Crosscutting and Perforating Cylinders, Anvil Cylinders, Print Cylinders, Hot Blowing Tools, Screen Printing Rings, Glass, Envelope Making Dies, Magnetic Print cylinders, Graphical Plot System, NMS Pressure control unit.

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### Tension Control with Wireless Communication

At ICE USA 2013, Dover Flexo Electronics (DFE) will present an active demonstration of the communications options of the SteadyWeb™5 tension controller. The controller will take a tension input signal from



iPhone wireless access  
to controller's  
embedded server



a narrow-web tension transducer that will be mounted on a display stand. The SteadyWeb5 digital tension controller maintains set tension on a web in any zone to improve process consistency. The controller's new Web-server option allows Ethernet communication for setup and control via connected a PC or remotely from a wi-fi-enabled smart device.—[www.dfe.com](http://www.dfe.com)

### Non-Contact Length and Web Guide

The FIFE-500 Web Guiding System from Maxcess features intuitive operation and a color touch-screen display similar to those seen in smart phone devices. The FIFE-500 supports 13 languages, 90 degree rotation of the screen, and intuitive icon-based operation. The system also features an advanced processor and an optional splice table to further improve efficiency during roll changes.—[www.maxcessintl.com](http://www.maxcessintl.com)