Session One Workshops
1:20 pm - 2:05 pm

Choose one Workshop from this session. See other session Workshops on pages 2 and 3.

• Distribution Simulation Geared Towards Medical Device Manufacturers

Distribution Simulation is a uniform way of evaluating shipping units through the use of laboratory equipment that subjects the packaging system to specific hazards that may occur within the anticipated distribution environment. This presentation will examine the most common methodologies including ASTM and ISTA procedures, exposing the benefits and drawbacks of certain methodologies and offer valid solutions.

Scott Levy, Packaging Engineer, DDL

• In-line Digital Printing Innovations Offer New Advantages and ROI

Shorter packaging runs, just-in-time inventory programs, product serialization, copy changes, waste reduction efforts, and "on the package" direct marketing capability are driving packagers to look again at in-line digital printing. Innovative, new print technology offering high quality, four color process printing, at normal line speeds and lower cost per print systems are making in-house and in-line digital printing a reality. Learn about the advances that offer packagers new flexibility, inventory and marketing advantages, and potential ROI opportunities.

Jim Umbdenstock, President & CEO, Griffin-Rutgers Co., Inc.

• Healthcare Product Stability & Sorbent Technology: Moisture Management in Packaging

Multisorb Technologies – Intelligent Sorbent Technology Embraces QbD & Modeling. Multisorb Technologies, the global leader in active packaging (sorbent) technology, will present the science behind the selection and use of intelligent sorbents for the management of moisture as related to the chemical and/or physical stability of drug products and medical devices in their packaging. This session will cover: Drug Product & Medical Device Stability Overview; Calculations through Operations™ - Quality by Design; SimulSorb™ Pseudo-Empirical Modeling for Moisture Management; and Intelligent Sorbents: Moisture, Oxygen, and Hydrocarbon Management.

Thomas J. Hurley, Senior Product Leader for Healthcare Packaging, Multisorb Technologies
Adrian T. Possumato, Global Director of Healthcare Packaging, Multisorb Technologies

• No Container Left Behind: How Early Tracking Ensures a Higher Standard of Quality Control

Does your company identify and track containers throughout its entire packaging line? If not, does your company realize the significant risks to its products' integrity? Any packaging process or Brite Stock operation can be compromised through operator error, machine malfunction, or disruption with malicious intent. By not tracking containers, companies risk inefficiencies, product recalls, counterfeiting, liability, and lost consumer trust. This workshop shall focus on the importance of early (pre-label) container identification and tracking, and present novel methods for using cost-effective technologies to secure a product's integrity.

Representative from Omega Design Corporation

• Avoid Lost Product with Precision Applications, Fills and Recovery

This course is an introduction to the rigid container options available for precision applications, fills and recovery. When working with high value content, there exists a high potential for a significant amount of product to be left behind. There are options in both glass and plastic to avoid the overall expense of lost product both for the manufacturer and the end user. This session will cover the different options available as well as the reasons why high recovery may be the most viable packing option.

Mike McGill, Business Development Manager, Wheaton Science Packaging
Geri Skinner, Sales Project Manager, Wheaton Science Packaging
Jennifer Ballou, Marketing/Product Manager, Wheaton Industries

• Not Your Father's B/F/S! Blow/Fill/Seal as an Advanced Aseptic Technology

BFS enables a container to be molded from plastic, aseptically filled and hermetically sealed in one continuous, integrated and automatic operation, without human manipulation. The process provides flexibility in container design and system changeovers, high volume product output, low operational costs and a high assurance of product sterility. The inherent safety of the process has led the FDA, and the United States Pharmacopoeia, to characterize BFS technology as an "advanced aseptic process", indicating its use as a preferred technology. This session will explore current technology enhancements and advances, new product applications, new drug delivery options and will demonstrate why BFS should be considered for new and legacy drug production.

Chuck Reed, Director of Sales & Marketing, Weiler Engineering, Inc.

MAY 27, 2010 | PRINCETON, NJ
Healthcare Packaging Conference & Workshops

Session Two Workshops

2:25 pm - 3:10 pm

Choose one Workshop from this session. See other session Workshops on pages 1 and 3.

● Moldable Desiccants – Simplifying Filling and Improving Product Protection

This seminar will focus on the advantages and disadvantages to utilizing a new category of desiccants, moldable desiccants. We will investigate the major moldable or in-wall desiccant products on the market today. Aspects covered will be absorption profiles, humiditys maintained, in-process handling, hard costs, soft cost, regulatory and safety, and where these products may best serve multiple functions within your company. Participants will learn how these products affect hard costs, potential reductions of overall cost, leaning of the filling process, formulation limitations and a greater view of one of the newest packaging innovations on the market today.

Jad Darsey, New Market & Technology Dvlpmnt, Tricor Braun

● In-line Digital Printing Innovations Offer New Advantages and ROI

Shorter packaging runs, just-in-time inventory programs, product serialization, copy changes, waste reduction efforts, and "on the package" direct marketing capability are driving packagers to look again at in-line digital printing. Innovative, new print technology offering high quality, four color process printing, at normal line speeds and lower cost per print systems are making in-house and in-line digital printing a reality. Learn about the advances that offer packagers new flexibility, inventory and marketing advantages, and potential ROI opportunities.

Jim Umbdenstock, President & CEO, Griffin-Rutgers Co., Inc.

● "Child-Resistance" & "Adult-Friendly" Harmoniously Together at Last

You spend tens of millions of dollars to develop a new drug. You innovate a new compliance format calendar-package. You add a paper-foil laminate lidding structure for increased CR safety. It's perfect. But no one can open the darn thing and your first 120 to 180 days of commercial availability tank simply due to an antiquated CR structure that no one likes. OTC's and Rx blister packs have used paper/film/foil laminations for years. Learn about a new group of lidding structures that adults and senior citizens can actually open while still providing targeted CR properties.

This workshop also includes:

We can get that to stick! An adhesive technology for today's sustainable blister materials

Adoption of new thermoformed films as alternatives to PVC is a lofty goal. But today's blister lidding materials don't want to adhere to PP, PET, APET, PETG or PE. Winpak will present and demonstrate a new extrusion-based adhesive technology that will assist in bringing more sustainable blister materials to commercialization. Winpak Heat Seal is a leader in developing new technologies to meet these goals.

Bill Sharpless, Business Development Manager, Pharmaceutical and Healthcare Division, Winpak
Ludovic Leplatois, Sr. Pkg Development Engineer, Winpak

● No Container Left Behind: How Early Tracking Ensures a Higher Standard of Quality Control

Does your company identify and track containers throughout its entire packaging line? If not, does your company realize the significant risks to its products' integrity? Any packaging process or Brite Stock operation can be compromised through operator error, machine malfunction, or disruption with malicious intent. By not tracking containers, companies risk inefficiencies, product recalls, counterfeiting, liability, and lost consumer trust. This workshop shall focus on the importance of early (pre-label) container identification and tracking, and present novel methods for using cost-effective technologies to secure a product's integrity.
Representative from Omega Design Corporation

● Automating Primary Assembly and Packaging Processes

When automating a traditionally manual process or upgrading an automated line to increase productivity, the addition of robotics offers a number of advantages that can reduce costs and increase production efficiency. This workshop offers a primer for pharma and medical device manufacturers looking to automate their assembly and/or primary packaging processes. Covered will be different types of automation and where they are best applied, including case studies on a variety of automation applications. This presentation is ideal for production managers, operations managers, project engineers and anyone interested in learning more about automated packaging equipment.

Walt Langosch, Dir. of Sales and Mktng, ESS Technologies

● BFS with Isolation/Insertion: Focus on Parenteral and Controlled Delivery Applications

Blow-fill-seal (BFS) aseptic processing has established itself as a highly efficient and safe system for the filling and packaging of sterile pharmaceutical liquids and other healthcare products, such as creams and ointments. BFS product usage has been widely established in the ophthalmic and respiratory therapy markets for some time, and lately BFS technology has been gaining increasing worldwide acceptance in the parenteral drug marketplace, replacing traditional glass vial processing in a growing number of applications. We will concentrate on the latest developments in multi-entry insert, controlled drop and rubber stopper insert applications. Video of production applications and case study details will be provided to help you begin planning for your own custom formulations. This session is ideal for: Engineering, Plant, General or New Business Development Managers, Operations Directors and VPs of Manufacturing.

Chuck Reed, Dir. of Sales & Mktg, Weiler Engineering, Inc.

Session Three Workshops

3:30 pm - 4:15 pm

Choose one Workshop from this session. See other session Workshops on pages 1 and 2.

- **Moldable Desiccants – Simplifying Filling and Improving Product Protection**

This seminar will focus on the advantages and disadvantages to utilizing a new category of desiccants, moldable desiccants. We will investigate the major moldable or in-wall desiccant products on the market today. Aspects covered will be absorption profiles, humiditys maintained, in-process handling, hard costs, soft cost, regulatory and safety, and where these products may best serve multiple functions within your company. Participants will learn how these products affect hard costs, potential reductions of overall cost, leaning of the filling process, formulation limitations and a greater view of one of the newest packaging innovations on the market today.

Jad Darsey, New Market & Technology Dvlpmnt, Tricor Braun

- **Phase Change Materials in Temperature Controlled Package Design**

This workshop will focus on the use of phase change materials in temperature controlled package design and the inclusion of phase change materials in cold chain packaging. Anthony will address the unique abilities of phase change materials such as, maintaining temperatures at tight specifications and their flexibility and reusability in certain pack-outs.

Anthony Alleva, Technical Services Manager, TCP Reliable

- **"Child-Resistance" & "Adult-Friendly" Harmoniously Together at Last**

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Bill Sharpless, Business Development Manager, Pharmaceutical and Healthcare Division, Winpak
Ludovic Leplatois, Sr. Pkg. Development Engineer, Winpak

- **Healthcare Product Stability & Sorbent Technology: Oxygen Management in Packaging**

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Thomas J. Hurley, Sr. Product Leader, Multisorb Technologies
Adrian T. Possumato, Global Dir. of Healthcare Packaging, Multisorb Technologies

- **Automating Secondary Packaging Processes**

When automating a traditionally manual process or upgrading an automated line to increase productivity, the addition of robotics offers a number of advantages that include reducing costs and increasing production efficiency. Case packing and palletizing are traditionally the most labor intensive steps in the packaging process, but the recent affordability and increasing flexibility of robotics has allowed manufactures to fully automate these secondary packaging processes. This workshop will outline the advantages of robotics in these packaging applications and offer a better understanding of how these systems are specified and implemented to increase productivity and line efficiency. This workshops is ideal for production managers, operations managers, project engineers and anyone interested in learning more about automated packaging equipment.

Walt Langosch, Dir. of Sales and Mktg., ESS Technologies

- **Avoid Lost Product with Precision Applications, Fills and Recovery**

This course is an introduction to the rigid container options available for precision applications, fills and recovery. When working with high value content, there exists a high potential for a significant amount of product to be left behind. There are options in both glass and plastic to avoid the overall expense of lost product both for the manufacturer and the end user. This session will cover the different options available as well as the reasons why high recovery may be the most viable packing option.

Mike McGill, Bus. Dev. Mgr., Wheaton Science Packaging
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