



InnoPlast Solutions Presents a Symposium on:

Emerging Technologies in Plastic Packaging

This symposium has been organized into three emerging areas in plastic packaging films; Barrier, BioTechnology, and Intelligent Packaging.

Symposium will begin with **Sharply Focused Reviews** of “**P lastic F ilm s**” and “**B arrier T echno log ies**” presented by Dr. Eldridge M. Mount III, a consultant with around 30 years experience in polymer processing & film technologies including 19 years at formerly, Mobil Films.

Following these review / tutorial lectures, there will be sessions on Barrier Technologies, BioTechnology in Packaging, and Intelligent Packaging. The speakers have been carefully selected and invited to provide a real value to the attendees.

Our symposium is designed to address the needs of professionals engaged in Research and Development, Manufacturing, Sales, Marketing, and Business Development throughout the entire supply chain of the packaging film & bottles industry. Besides the breaks, there will be an cocktail hour to promote networking opportunities and the sharing of new ideas and concepts.

October 30 - 31, 2006
Marriott Downtown Hotel
Chicago, Illinois 60611, USA

Media Partners



Monday, October 30, 2006

7:30-8:15 **Registration and Continental Breakfast**

8:15-8:30 **Welcome and Opening Remarks**

8:30-9:30 **Packaging Films & Technologies: Sharply Focused Review**

This presentation will review the resins and structures currently used for single layer and coextruded multilayer packaging films for principal packaging applications and will review the key factors important in film sealing technologies, barrier technologies as well as other critical converting and packaging machine operations. The principal manufacturing methods for single layer, multilayer and oriented films as well as key film converting processes such as printing and lamination will be discussed.

Dr. Eldridge M. Mount III, EMMount Technologies, Fairport, NY 14450

9:30-10:00 Coffee break

Session I: Intelligent Packaging

10:00 - 11:00 **RFID: In What Direction is the Pharmaceutical Industry Headed & Why**

This session will examine the underlying reasons why the pharmaceutical industry is looking toward radio-frequency identification (RFID) for item level tagging. The attendee will learn of the differing needs between a pharmaceutical manufacturer and large mass merchandisers and why a solution from one may not necessarily serve the other. You will take a sneak peak into the deliberations of EPCglobal and ISO, each of whom are developing item level tagging solutions. Finally, you will have the opportunity to learn about the influence of RFID in Packaging and Packaging Recycling Stream.

Craig K. Harmon, CEO, Q.E.D. Systems, Cedar Rapids, IA 52406

Session II: Barrier Materials & Technologies

11:00-12:00 **Dynamics of Light-Moisture-Gas-Aroma Barrier: A Review**

This presentation will review the development of barrier technologies focusing on moisture, oxygen, chemical (flavor & aroma) and light barriers and their relative importance in food and industrial packaging applications. Criteria for evaluating the appropriate barrier level for various applications and the methodology for selecting barrier films will be discussed and illustrated with several examples. Market trends will also be reviewed.

Dr. Eldridge M. Mount III, EMMount Technologies, Fairport, NY 14450

12:00-1:30 Lunch.....Sponsored by **PBI-Dansensor**

1:30-2:10 **The Science of Fresh: Tailoring Package Barrier for Optimal Product Freshness**

Donna Visioli, Senior Technical Program Manager, DuPont, Wilmington, DE 19880

2:10-2:50 **New High Barrier Nylon 6 based Transparent Film for Advanced Retort Applications**

Gary Wooddell, Director of Marketing, EVALCA, Pasadena, TX 77507

2:50 - 3:20 Coffee break

3:20 -4:00 **Besela Films: Advances in Transparent Retortable Barrier Packaging**

Jeff Sherry, VP & GM, Kureha-America, Chicago, IL 60565

Session III: BioTechnology in Packaging

- 4:00 - 4:40 **Eco-Efficiency: Comparing Ecoflex® Biodegradable Plastics to Traditional Paper and Polyethylene for Compostable Bags**
Preparation, processability, and performance of 100% biodegradable plastics, Ecoflex® and Ecovio®, will be discussed along with the current and potential applications. Additionally, Life Cycle Analysis and Financial Assessment will be presented to examine the switch from traditional paper / polyethylene to biodegradable bags for organic wastes.
- Keith Edwards, Styroflex® / Ecoflex® Marketing, BASF, Florham Park, NJ 07932
- 4:40 - 5:30 **Natural Plastics: A Disruptive Technology for a Sustainable Future**
Production of PHA based natural plastics via fermentation of renewable resources such as sugars and vegetable oils, will be discussed. Robust in use, yet biodegradable, they offer renewable and environmentally friendly alternative in many applications now served by synthetic plastics. Commercial and applications development plans will be discussed.
- Bob Whitehouse, Director of Technology, Metabolix, Cambridge, MA 02139
- 5:30-7:00 **Cocktail Reception**

Tuesday, October 31, 2006

Session IV: New Materials & Technologies in Packaging

- 8:30-9:00 **Optimizing Your Product While Extending Shelf Life**
Tim Bohrer, Pac Advantage Consulting for Humidipak, Chicago, IL 60615
- 9:00-9:30 **More Benefits with PA6 in Food Packaging**
Ted Brink, DSM Engineering Plastics Americas, Evansville, IN 47720
- 9:30-10:00 **A Potentially Disruptive Technology to Achieve High Barrier: NanoComposite Coatings**
Harris Goldberg, President & CEO, InMat Inc., Hillsborough, NJ 08844
- 10:00-10:30 Coffee break
- 10:30-11:00 **New Developments in Measuring O₂ Permeability in Bottles & Whole Packages**
Simona Colli, Product Specialist, PBI Dansensor Italia, Milano, Italy
- 11:00-11:30 **Clear Barrier at Atmospheric Pressure**
Rory Wolf, VP Business Development, Enercon Industries, Menomonee Falls, WI 53051
- 11:30-12:00 **Ultra-Barriers: Advances in Permeation Testing of Oxygen, Moisture, and Organics**
Michelle Stevens, Applications Specialist, Mocon, Minneapolis, MN 55428.

Location: **Marriott Downtown Hotel**, 540 N. Michigan Avenue, Chicago, Illinois 60611
Phone: (312) 836-0100 Fax: (312) 836-6139

Hotel Reservations: Due to PackExpo event, OCT 29 (Sunday) – NOV 2 (Tuesday), hotel accommodations in the Chicago downtown area can only be made by contacting the PackExpo bureau.

Registration

Registration fee includes breakfast, lunch, coffee breaks and the Conference Proceedings.

Register Now by Phone or preferably Fax

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Roswell, GA 30076

Phones: (888) 696-5632

(973) 446-9531

(973) 801-6212 (Cell)

Fax: (973) 795-1030

E-Mail: InnoPlast@aol.com

Registrant Name: _____

Company: _____

Street Address: _____

City, State, Zip: _____

Phone: _____

E-Mail: _____

- OCT 30 (Monday) Attendance (\$795) _____
- OCT31 (Tuesday) Attendance (\$495) _____
- **2-Days Attendance (\$995)** _____
- Early Bird Discount (10%) by August 31, 2006 _____

TOTAL = _____

Select method of payment:

- AMEX
- MasterCard
- VISA
- Check (Payable to InnoPlast Solutions, Inc.)

Card Number: _____

Expiration Date (mm/yy): _____

Signature: _____ Date: _____

A cancellation fee will be applied after October 10, 2006