



International Flexible Packaging & Extrusion Division Conference

April 22-25, 2018
Charlotte, North Carolina, USA
Omni Charlotte Hotel



Setting the Pace for Innovation in Flexible Packaging

As of 2/13/18

Sunday, April 22

3:00pm – 4:00pm Division Council Meeting
4:00pm – 5:00pm Products and Resources Team Meeting
6:00pm – 8:00pm **Welcome Reception at Rooftop 210**

Sponsored by **NOVA Chemicals Corporation**



Monday, April 23

7:00am Speaker Breakfast
7:00am – 8:00am Continental Breakfast
8:00am – 8:15am Welcome Remarks – Jim Lush, Flexible Packaging & Extrusion Division Chair
8:15am – 9:30am **Session 1: Opening Keynote Presentation - “A Brand Owners Perspective: Material Selection and Consumer Messaging for Flexibles”**
Steve Sikra, Associate Director Corporate R&D, Global Product Stewardship
The Procter and Gamble Company
9:30am Break
10:00am – 12:00pm **Session 2: The Future of Flexible Packaging.....an Interactive Session and Panel Discussion** – Moderator: Rory Wolf, ITW Pillar Technologies
Flexible Packaging Challenges for Food Applications
Lora Liang, International Principal Engineer, Global Packaging Core Group, Mondelez
Title TBD
Ron Sasine, Principal, Hudson Windsor, LLC
Panelists include: Steve Sikra, Lora Liang, Ron Sasine
12:00pm – 1:30pm **Newcomers Lunch**
1:30pm – 3:00pm **Session 3: E-Commerce Panel**
Moderator: Jonathan Quinn, NOVA Chemicals Corporation
Panelists:
John Moritz, former VP of Product Management at Amazon, currently E-commerce Consultant
Additional panelists TBD

3:00pm	Break
3:00pm – 5:00pm	Session 4: New Technology Showcase Moderator: Rajen Patel, The Dow Chemical Company
5:00pm – 6:30pm	Session 5: Tabletop Reception, Omni Hotel
6:30pm – 8:30pm	Young Professionals Mixer, Flight Beer Garden and Music Hall

Tuesday, April 24

7:00am	Speaker Breakfast
7:00am – 8:00am	Continental Breakfast
8:00am – 10:00am	Session 6: Novel Materials Moderator: Norman Aubee, NOVA Chemicals <i>INTUNE™ Propylene Based OBC – Bridging the Gap for Polyethylene & Polypropylene</i> Yushan Hu (speaker) Contributors: Lisa Madenjian, Harpreet Singh and Brian Walther, The Dow Chemical Company <i>Resealable Flexible Packaging Solutions</i> Vivek Kalihari (speaker) and Erica Spiekermann, The Dow Chemical Company <i>New Developments in Resins, Structures and Test Methods for the Heavy Duty Sack Market</i> Greg Courtney, NOVA Chemicals Corporation <i>New Developments in Flexible Retort Packaging Using Nylon</i> Sergi Salva Saez, UBE America, Inc.
8:00am – 10:00am	Session 7: AIMCAL Exchange Moderators: Rory Wolf, ITW Pillar Technologies & Jim Lush, Celplast Metalized Products <i>In-Vacuum Flexo Top-Coating on Metallized Film: Commercial Opportunities</i> Ameer Hamza, Celplast Metalized Products <i>Water Based Compostable Lamination Adhesives</i> Akbar Hussaini, BASF <i>The End-of-Life Challenge for Flexible Packaging - Multilayer Films, Barrier Structures and Pouches</i> Terence Cooper, ARGO Group International <i>Challenges of Web Handling</i> R. Duane Smith, Davis-Standard, LLC
10:00am	Break
10:30am – 12:30pm	Session 8: Multi-layer Packaging: Testing, Characterization and Modeling Session Moderator: Jose Torradas, E. I. du Pont de Nemours and Company

Heat Transfer Modelling in Multilayer Films used for Flexible Packaging

Dan Ward (speaker) and Jeff Crowe, NOVA Chemicals Corporation

Changes in Extrusion Equipment and Materials to Keep Up with Demand

Dan Falla, NOVA Chemicals Corporation

Comparison of Converting Methods/Structures for VFFS Cheese Packaging

James F. Macnamara, Jr., FTD Companies, Inc.

The Role of Polyolefins in “Protecting” Moisture Sensitive Barrier Layers in Packaging Structures

Barry Morris, E. I. du Pont de Nemours and Company

10:30am – 12:30pm

Session 9: Extrusion Coating Machinery

Moderator: Sam Iuliano, Nordson Extrusion Dies Industries

New Tunable Coextrusion Feedblock Technology

Sam Iuliano, Nordson Extrusion Dies Industries

Check Here Before Making that Call!

Lou Piffer, Davis-Standard

Extrusion Screw Considerations for Flexible Packaging

Walter Smith, Nordson Corporation-Polymer Processing Systems, Screws

On-line Coating Weight Measurements

Ted Schnackertz, NDC Technologies

12:30pm – 1:45pm

Luncheon Awards and Keynote Presentation

Moderated by: Rob Hammond, Division Awards Chair

Packaging and Specialty Plastics Innovation: Delivering Sustainability Solutions across the Supply Chain

Bob Maughon, R&D Vice President for Packaging and Specialty Plastics and Hydrocarbons, The Dow Chemical Company

1:45pm – 3:30pm

Session 10: Advancements in Film Forming and Cooling

Session Moderators: Scott Marks and Victoria Korbonits, E. I. du Pont de Nemours and Company

A Comparison of Extrusion Processes and Their Effect on Barrier Film Properties: Blown, Cast, and Water Quench Extrusion Technology

Michael Andrews, W & H Corporation

Development of a Single-Inlet Streamlined Air Ring

Laura Martin, Brampton Engineering

Multi Micro Layer (MML) Blown Film Die

Felix Guberman (speaker) and Alex Mann, Tronoplast

1:45pm – 3:30pm

Session 11: Surface Treatment

Moderator: James F. Macnamara, Jr., FTD Companies, Inc.

Comparison of Atmospheric Plasma and Corona Treatments in Promoting Seal Strength

Rory Wolf, ITW Pillar Technologies

The Effects of Surface Treatment on Heat Seal and Hot Tack

Sean Richards, LyondellBasell

Effect of the Electrical Conductivities of Corona Discharge Ground Rolls on Surface Treatments

Rory Wolf, ITW Pillar Technologies

3:30pm

Break

4:00pm – 5:30pm

Session 12: Design Criteria for Improvements in Coex Dies and Extruders

Session Moderators: Scott Marks and Jose Torradas, E. I. du Pont de Nemours and Company

Increasing the Life of Your Extruder Using Optimum Screw Design

John Christiano, Davis-Standard, LLC

Single Screw Extruder: Groove Feed versus Smooth Bore

Hassan Eslami, Macro Engineering and Technology

Understanding Degradation and Interfacial Instabilities in Multi-Layer Blown Film

John Perdikoulis, COMPUPLAST

4:00pm – 5:30pm

Session 13: Advances in Material Processing for Extrusion Coating

Session Moderator: Michael Biscoglio, The Dow Chemical Company

High Performance LDPE Grades for Extrusion Coating

Carmello Declet-Perez, The Dow Chemical Company

Thermal Properties of Filled Extrusion Coatings

Christopher Tilton, Smart Planet Technologies

Aluminum Foil in the Quandary between High Speed Converting and Adhesion Performance

Guenter Schubert, Hydro Aluminium Rolled Products GmbH

An Innovation in Solvent Less Lamination Technology Allowing for Quick Curing and Other Significant Advantages

Giancarlo Caimmi, Nordmeccanica SpA

6:30pm – 9:30pm

Evening Event at the NASCAR Hall of Fame

Sponsored by The Dow Chemical Company



Wednesday, April 25

7:00am	Speaker Breakfast
7:00am – 8:00am	Continental Breakfast
8:00am – 10:00am	Session 14: Polymer Additives Moderator: Ron Becker, Addivant USA <i>Antifogs for Polyolefin Sealant Resins</i> Bhushan Deshpande, Techmer PM <i>Recent Developments in Polyethylene Stabilization for Enhanced Value Creation and Product Differentiation</i> Hayder Zahalka, Addivant Global Technology <i>Cellulose Nanofibrils in Bio-Based Multilayer Packaging Films</i> Mika Vähä-Nissi, VTT Technical Research Centre of Finland, Ltd. <i>Effects of Migratory & Non-Migratory Slip on Adhesion Strength in Blown Film Lamination Applications</i> Dillon Kang, Chevron Phillips Chemical Company
8:00am – 10:00am	Session 15: Sustainability Session Moderator: Bill Bridendolph, Chevron Phillips Chemical Company <i>Mechanical Recycling of Cellulose Nanofibril Coated Polyethylene Films</i> Mika Vähä-Nissi, VTT Technical Research Centre of Finland, Ltd. <i>H2020 Innovation Action YPACK Project: High Performance Polyhydroxyalkanoates Based Packaging to Minimize Food Waste</i> Jose M. Lagaron, CSIC <i>Sustainable Flexible Packaging – A Resin Supplier’s View</i> Lawrence Effler, The Dow Chemical Company <i>The Impact of Filled Coatings on Mixed Paper Recycling</i> Christopher Tilton, Smart Planet Technologies
10:00am	Break
10:30am – 12:00pm	Session 16: The Changing Landscape for Packaging Session Moderator: Rob Hammond, Mica Corporation <i>The Good, The Bad & The Opportunity for Food e-Commerce Packaging</i> Jonathan Quinn, NOVA Chemicals Corporation <i>Click & Collect – How it will Impact Package Design and Innovation</i> Jim Lush, Celplast Metalized Products <i>E-Commerce Disruption – How to Compete and Win in Today’s Shifting Marketplace</i> Matt J. Dingee, OnPoint 2020 – Packaging Insights and Consulting Services
12:30pm – 2:00pm	Conference Wrap-up *Invitation only