



## 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 4/19/18

### Sunday, April 22

1:00pm – 5:30pm Registration Open  
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 – Kelly Frey, Chevron Phillips Chemical Company  
8:15am – 9:30am **Session 1: Opening Keynote Presentation**  
Susan Graff, Vice President/Principal, RRS  
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  
***E-Commerce Packaging and its Supply Chain Impacts: What, Where and How we Buy is Changing – How Will You Change with It?***  
Ron Sasine, Principal, Hudson Windsor, LLC  
**Panelists include: Susan Graff, Lora Liang, Ron Sasine**  
12:00pm – 1:30pm **Newcomers Lunch**  
1:30pm – 3:00pm **Session 3: E-Commerce Panel**  
Moderator: Jonathan Quinn, NOVA Chemicals Inc  
**Panelists:**  
John Moritz, former VP of Product Management at Amazon, currently E-commerce Consultant

Manu Sareen, Former General Manager of Amazon Private Brands

Jonathan Quinn, Market Development Manager Polyethylene Business,  
NOVA Chemicals Inc

3:00pm

Break

3:30pm – 4:30pm

**Session 4: New Technology Showcase**

Moderator: Rajen Patel, The Dow Chemical Company

***If an Operator Designed a Stretch Film Winder***

Lou Piffer, Davis-Standard, LLC

***Rethinking Seal Performance***

Owen Lightbody, NOVA Chemicals

***Web Cleaner, Sheet Cleaners and Process Roll Cleaners and Now....Static Control Equipment***

Joseph Rodibaugh, Polymag Tek

***Introducing Exceed™ XP When Xtreme Performance Matters***

Brent Johnson, Exxon Mobil Chemical Company

***The Total Package***

Christopher Gandy, The Dow Chemical Company

4:30pm – 6:00pm

**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

***INTUNE™ Propylene Based OBC – Bridging the Gap for Polyethylene & Polypropylene***

Yushan Hu (speaker) Contributors: Lisa Madenjian, Harpreet Singh and Brian Walther,  
The Dow Chemical Company

***Resealable Flexible Packaging Solutions***

Vivek Kalihari (speaker) and Erica Spiekermann, The Dow Chemical Company

***New Developments in Resins, Structures and Test Methods for the Heavy Duty Sack Market***

Greg Coutney, NOVA Chemicals Corporation

***New Developments in Flexible Retort Packaging Using Nylon***

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

***In-Vacuum Flexo Top-Coating on Metallized Film: Commercial Opportunities***

Ameer Hamza, Celplast Metalized Products

***Water Based and Compostable Lamination Adhesives***

Paul Kearns, BASF

***The End-of-Life Challenge for Flexible Packaging - Multilayer Films, Barrier Structures and Pouches***

Terence Cooper, ARGO Group International

***Challenges of Web Handling***

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

***Keeping up with Demand: Changes in Extrusion Equipment and Materials***

Paul Tas, 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

Sponsored by Exxon Mobil



***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 (contributor)

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***  
Gunter 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

***Antifogs for Polyolefin Sealant Resins***  
Jeff Foster (speaker) Bhushan Deshpande, Kaan Serpersu, Ebrahim Mor,  
Techmer PM (contributors)

***Recent Developments in Polyethylene Stabilization for Enhanced Value Creation and Product Differentiation***  
Hayder Zahalka, Addivant Global Technology

***Cellulose Nanofibrils in Bio-Based Multilayer Packaging Films***  
Mika Vähä-Nissi, VTT Technical Research Centre of Finland, Ltd.

***Effects of Migratory & Non-Migratory Slip on Adhesion Strength in Blown Film Lamination Applications***  
Dillon Kang, Chevron Phillips Chemical Company

8:00am – 10:00am

**Session 15: Sustainability**  
Session Moderator: Bill Bridendolph, Chevron Phillips Chemical Company

***Mechanical Recycling of Cellulose Nanofibril Coated Polyethylene Films***  
Mika Vähä-Nissi, VTT Technical Research Centre of Finland, Ltd.

***H2020 Innovation Action YPACK Project: High Performance Polyhydroxyalkanoates Based Packaging to Minimize Food Waste***

Jose M. Lagaron, CSIC

***Sustainable Flexible Packaging – A Resin Supplier’s View***

Lawrence Effler, The Dow Chemical Company

***The Impact of Filled Coatings on Mixed Paper Recycling***

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

***The Good, The Bad & The Opportunity for Food e-Commerce Packaging***

Jonathan Quinn, NOVA Chemicals Corporation

***Click & Collect – How it will Impact Package Design and Innovation***

Jim Lush, Celplast Metalized Products

***E-Commerce Disruption – How to Compete and Win in Today’s Shifting Marketplace***

Matt J. Dingee, OnPoint 2020 – Packaging Insights and Consulting Services

12:30pm – 2:00pm

**Conference Wrap-up *\*Invitation only***