



As of 2/8/22

Subject to change

Sunday, April 10

1 p.m. – 5:30 p.m.

Registration Open

3:00 p.m. – 4:00 p.m.

Division Council Meeting (invitation only)

4:00 p.m. – 5:00 p.m.

Products and Resources Team Meeting (open to all)

6:30 p.m. – 8:00 p.m.

Welcome Reception Zlotnik Ballroom, AT&T Hotel and Conference Center

Monday, April 11

8:00 a.m. – 8:30 a.m.

Continental Breakfast

8:30 a.m. – 8:45 a.m.

Welcome Remarks – Conference Chairman: Jim Macnamara, *Michigan State University*

8:45 a.m. – 10:00 a.m.

Keynote Presentation

Alison Keane, Esq., CAE, President and CEO of the Flexible Packaging Association (FPA)

10:00 a.m.

Break

10:30 a.m. – 11:30 a.m.

Session 1: Panel Discussion – 2025 Sustainability Goals...Status and Gaps with Flexible Packaging: How Far Have We Come and Where Do We Go From Here?

Panel Moderator: *Michael Biscoglio, The Dow Chemical Company*

Panelists:

Dan Felton, AMERIPEN

Nate Miranda, TC Transcontinental

Todd Fayne, PepsiCo

Stephanie Hicks, Trex Company

Mika Härkönen, VTT Technical Research Centre of Finland

11:30 a.m. – noon

Free Time

Noon – 1:30 p.m.

Newcomers Lunch - Hosted by the IFPED Division Council (all first time attendees are welcome)

1:30 p.m. – 2:30 p.m.

Session 2: New Technology Showcase

Moderator: *Jim Macnamara, Michigan State University*

2:15 p.m. – 2:30 p.m.

Aluminium Foil and Extrusion Coating – Latest News About an Old Couple from the Old World

Günter Schubert, Speira GmbH

2:30 p.m. Break

3 p.m. – 5:30 p.m. **Tabletop Reception**

Tuesday, April 12

7:00 a.m. – 8:00 a.m. Speaker Breakfast (*Tuesday Speakers Only*)

7:00 a.m. – 8:00 a.m. Continental Breakfast

8:00 a.m. – 10:00 a.m. **Session 3: Package Engineering & Film Design**

Session Chair: *Warren Durling, Clorox*

Optimizing Film Bending Stiffness and Coefficient of Friction for High Speed Converting
Dan Ward, Nova Chemicals

HDPE Barrier Extrusion Lamination for Flexible Packaging Structures
Emily Silber, LyondellBasell

Exploring novel HDPE solutions for oriented polyethylene (OPE) films
Nilesh Savargaonkar, Exxon Mobil Chemical Company

Expanding boundaries on bi-oriented polyethylene (BOPE): productivity and performance
Jian Wang, The Dow Chemical Company

8:00 a.m. – 10:00 a.m. **Session 4: Advances in Polymer Processing - I**

Session Chair: *Günter Schubert, Speira GmbH*

Introducing a New Extrusion Die Flow Distribution Channel for Cast Film Applications
Sam Iuliano, Nordson EDI

Why all Films do Not Treat the Same: The Signature Relationship between Your Film & Corona Treaters
Aaron Hootkin, Enercon Industries

Understanding the Advantages of Using Pressure Control to Minimize the Effect of Process Variations
Kevin Slusarz, US Extruders

Extrusion Coating & Laminating - Accurate Melt Temperature Measurement and Optimization
Kelly Frey, Chevron Phillips Chemical Company

10:00 a.m. Break

10:30 a.m. – noon **Session 5: Developments in Recycled Material Reutilization**

Session Chair: *Jose Torradas, Saltor, LLC*

Recyclability of different polyethylene based packaging structures

Larry Effler, The Dow Chemical Company

Myths and Truths about Nylon Recycling

Sergi Salvà Sàez, UBE

Enabling Circular Economy in Flexible Packaging - Incorporating High Level of PCR in Heavy Duty Sacks Films

Vinod Kumar Konaganti, NOVA Chemicals

10:30 a.m. – noon

Session 6: Advances in Polymer Processing - II

Session Chair: *James Bryant, NOVA Chemicals*

Extrusion Coating Die Tooling with Edge Encapsulation

Sam Iuliano, Nordson EDI

Solving Common Problems in Film Extrusion

Karen Xiao, Macro Engineering

High performance extrusion coating of thin aluminium foil and consequential barrier challenges

Günter Schubert, Speira GmbH

Noon – 2:00 p.m.

Awards Luncheon

12:30 p.m. – 1:00 p.m.

Awards Presentation

Moderator: *Kelly Frey, Chevron Phillips Chemical Company*

1:00 p.m. – 2:00 p.m.

Keynote Presentation

Sustainable Flexible Packaging: Perspectives and R&D Effort from Packaging Converters

Tom Lee, Vice-President Research and Development, TC Transcontinental

2:00 p.m. – 3:30 p.m.

Session 7: Specialty Films and Coatings

Session Chair: *Jim Macnamara, Michigan State University*

New Developments for PET Replacement Film

Michael Andrews, Windmüller & Hölscher

Cellulosic Materials: Alternative Solutions for Sustainable Flexible Packaging Extrusion Screw Considerations for Flexible Packaging

Stephen Lariviere, FP Innovations

Optimization of Ethylene Acrylic Acid and Low Density Polyethylene Blend in Tie-layer

Yong Zheng, SK GC Americas

2:00 p.m. – 3:30 p.m.

Session 8: Advances in Polymer Processing - III

Session Chair: *Fraser Waldie, NOVA Chemicals*

Recycling of packaging plastics: process technologies, challenges and new developments

Mika Härkönen, VTT Technical Research Centre of Finland Ltd

Micro- and Nano Layer Multiplying Coextrusion Approaches for Enhanced Film Packages

Michael Ponting, Peak Nano

Cross section polishing - a prime tool to uncover defects in packaging laminates

Günter Schubert, Speira GmbH

3:30 p.m.

Break

4 p.m. – 5:30 p.m.

Session 9: Classic Papers – Timeless Technical Insights

Session Chairs: *Dorene Smith, Westlake Chemicals*

Scott Marks, The Dow Chemical Company

Fundamentals of Extrusion Coating: Tidbits and Shortcuts by Ray Edwards

Represented by Dorene Smith, Westlake Chemicals

Dragan Djorjevic prior paper

Represented by Lou Piffer, Davis-Standard

Solidification Process in Extrusion Coating, by William Karszes (circa 1991):

Represented by Barry Morris, retired from both DuPont and The Dow Chemical Company

6:00 p.m. – 10:00 p.m.

**Evening Event at Banger Sausage House and Beer Garden
(transportation provided)**

Wednesday, April 13

7 a.m. – 8 a.m.

Speaker Breakfast (*Wednesday Speakers Only*)

7 a.m. – 8 a.m.

Continental Breakfast

8 a.m. – 10 a.m.

Session 10: Leading Towards a Circular Economy

Session Chair: *Gary Li, KPMG*

Sustainable Packaging – Recycling/Biopolymers

Steve DeSpain, Reifenhauser Incorporated

Extrusion Coating versus Adhesive Lamination – A comparison study

Lou Piffer, Davis-Standard

Between opinions and certainty: a fact-based approach to flexible packaging sustainability

Pierre Sarazin, PolyExpert

Translating Consumer Insights into Packaging Innovation

Eric Vignola and Brant Wunderlich, NOVA Chemicals Corporation

8 a.m. – 10 a.m.

Session 11: Biopolymers and Compostability

Session Chair: *Rob Hammond, Mica Corporation*

Aqueously Degradable PET Films Containing a Latent Metal Oxide Reagent

Natalie Duprez, Georgia Institute of Technology

Expanding Consumer Access to Composting by Addressing Contamination

Alan McDowall, Printpack; Gary Robinson, TIPA, Emily Stolarczyk, Digimarc

Determination of Processability of Some Biopolymers Through Rheology for Extrusion Coating Applications

Olivier Catherine, Cloeren Inc.

10 a.m.

Break

10:30 a.m. – 12:30 p.m.

Session 12: Emerging Resin Technologies for Flexible Packaging

Session Chair: *Kelly Frey, Chevron Phillips Chemical Company*

Barrier and Permeation Properties of Nylons: How to Use it in Film Applications

Ja N'aysha Hamilton, Sealed Air

Novel combination of toughness and stiffness through molecular design

Nicolas Mazzola, The Dow Chemical Company

Next Generation High Performance LDPE's for Improved Processability

Arkady Krasovskiy, The Dow Chemical Company

Polymer Processing Aid – Extrusion Performance Enhancer

Dan Falla, Shell Polymers

12:30 p.m. – 2:00 p.m.

Wrap-up Lunch (Staff and IFPED Leaders)