



As of 4/5/22

Subject to change

AT&T Hotel Conference Center

Sunday, April 10

2:00 p.m. – 7:00 p.m.

Registration Open

Room: Zlotnik Foyer

3:00 p.m. – 4:00 p.m.

Division Council Meeting (invitation only)

Room: Classroom 104

4:00 p.m. – 5:00 p.m.

Products and Resources Team Meeting (open to all)

Room: Classroom 104

6:30 p.m. – 8:00 p.m.

Welcome Reception at the AT&T Hotel and Conference Center

Room: Zlotnik Ballroom 4/5/6

Monday, April 11

7:00 a.m. – 5:30 p.m.

Registration Open

Room: Zlotnik Foyer

7:00 a.m. – 8:00 a.m.

Speaker Breakfast (Monday Speakers Only)

Room: Classroom 107

8:00 a.m. – 8:30 a.m.

Continental Breakfast

Room: Zlotnik Ballroom Foyer

8:30 a.m. – 8:45 a.m.

Welcome Remarks – Division Chair: Jim Macnamara, Michigan State University

Room: Zlotnik Ballroom 1/2/3

8:45 a.m. – 9:30 a.m.

Keynote Presentation

Kathy Bolhous, Chairperson and CEO, Charter Next Generation

Room: Zlotnik Ballroom 1/2/3

9:30 a.m. – 10:00 a.m.

Coffee Break

Room: Zlotnik Foyer S/B

10:00 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?

Room: Zlotnik Ballroom 1/2/3

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)

Room: Zlotnik Ballroom 4/5/6

1:30 p.m. – 2:00 p.m.

Session 2: New Technology Showcase

Moderator: *Jim Macnamara, Michigan State University*

Room: Zlotnik Ballroom 1/2/3

- NOVA Chemicals The Plastics Circular Economy, Eric Vignola, NOVA Chemicals
- Primers and Coatings to Exceed Your Expectations, Jeff Siegel, Mica Corporation
- We're Following our Innovation Roadmap to the Future. Won't you Join us on the Journey?, Dow Chemical, Michelle Sauder
- The Division's Newest Publication Project (TAPPI Products & Resources Team), Warren Durling, TAPPI Outgoing Team Lead

2:00 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

Room: Zlotnik Ballroom 1/2/3

2:30 p.m.

Free Time

3 p.m. – 5:30 p.m.

Tabletop Reception

Room: Zlotnik Foyer

Tuesday, April 12

7:00 a.m. – 5:30 p.m.

Registration Open

Room: Zlotnik Foyer

7:00 a.m. – 8:00 a.m.

Speaker Breakfast (Tuesday Speakers Only)

Room: Classroom 107

7:00 a.m. – 8:00 a.m.

Continental Breakfast

Room: Zlotnik Ballroom Foyer

8:00 a.m. – 10:00 a.m.

Session 3: Package Engineering & Film Design

Session Chair: *Warren Durling, Clorox*

Room: Zlotnik Ballroom 1/2/3

Bending Stiffness and Coefficient of Friction for High-Speed Converting

Dan Ward, Nova Chemicals

HDPE Barrier Extrusion Lamination for Flexible Packaging

Emily Silber, LyondellBasell (presented by Scott Weber, 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*

Room: *Classroom 106*

Introducing a New Extrusion Die Flow Distribution Channel for Cast Film Applications

Sam Iuliano, Nordson EDI

Why All Films Don't Corona Treat the Same

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. – 10:30 a.m.

Coffee Break

Room: *Zlotnik Foyer S/B*

10:30 a.m. – noon

Session 5: Developments in Recycled Material Reutilization

Session Chair: *Warren Durling, Clorox*

Room: *Zlotnik Ballroom 1/2/3*

Recyclability of 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 HDS Films

Vinod Kumar Konaganti, NOVA Chemicals

10:30 a.m. – noon

Session 6: Advances in Polymer Processing - II

Session Chair: *James Bryant, NOVA Chemicals*

Room: *Classroom 106*

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 Barrier Challenges Brought Along

Günter Schubert, Speira GmbH

Noon – 2:00 p.m.

Awards Luncheon

Room: Zlotnik Ballroom 4/5/6

12:30 p.m. – 1:00 p.m.

Awards Presentation

Moderator: *Kelly Frey, Chevron Phillips Chemical Company*

Room: Zlotnik Ballroom 4/5/6

Sponsored by:  **NOVA Chemicals**

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

Room: Zlotnik Ballroom 4/5/6

2:00 p.m. – 3:30 p.m.

Session 7: Specialty Films and Coatings

Session Chair: *Jim Macnamara, Michigan State University*

Room: Zlotnik Ballroom 1/2/3

New Developments for PET Replacement Film

Michael Andrews, Windmüller & Hölscher

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

Yong Zheng, SK GC Americas

Cellulosic Materials: Alternative Solutions for Sustainable Flexible Packaging

Stéphan Larivière, FPInnovations (Presented by Francois Drolet, PhD - Senior Researcher)

2:00 p.m. – 3:30 p.m.

Session 8: Advances in Polymer Processing - III

Session Chair: *Fraser Waldie, NOVA Chemicals*

Room: Classroom 106

Recycling of Packaging Plastics: Process Technologies, Challenges and New Developments

Mika Härkönen, VTT Technical Research Centre of Finland Ltd

Nanolayer Coextrusion Enhancement of Cast Film Systems

Michael Ponting, Peak Nano

Cross section Polishing - A Prime Tool to Uncover Defects in Packaging Laminates

Günter Schubert, Speira GmbH

3:30 p.m. 4:00 p.m.

Coffee Break

Room: Zlotnik Foyer S/B

4:00 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

Room: Zlotnik Ballroom 1/2/3

Fundamentals of Extrusion Coating: Tidbits and Shortcuts by Ray Edwards

Restored and Re-presented by Dorene Smith, Westlake

Polymers: Film and Extrusion Coating Lines Dragan Djordjevic (Tappi Polymers, Laminations, & Coatings events; circa 1990's)

Represented by Lou Piffer, Davis-Standard

Solidification Process in Extrusion Coating by William M. Karszes

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)**

Sponsored by:



Wednesday, April 13

7:00 a.m. – 5:30 p.m.

Registration Open

Room: Zlotnik Foyer

7:00 a.m. – 8:00 a.m.

Speaker Breakfast (Wednesday Speakers Only)

Room: Classroom 107

7:00 a.m. – 8:00 a.m.

Continental Breakfast

Room: Zlotnik Ballroom Foyer

8:00 a.m. – 10:00 a.m.

Session 10: Leading Towards a Circular Economy

Session Chair: *Scott Weber, LyondellBasell*

Room: Zlotnik Ballroom 1/2/3

Sustainable Packaging – Recycling/Biopolymers

Steve DeSpain, Reifenhauer Incorporated

Extrusion Coating versus Adhesive Lamination – A comparison study

Lou Piffer, Davis-Standard

Plastic Sustainability: Can We See the Forest for Trees?

Pierre Sarazin, PolyExpert

Translating Consumer Insights into Packaging Innovation

Eric Vignola, NOVA Chemicals

8:00 a.m. – 10:00 a.m.

Session 11: Biopolymers and Compostability

Session Chair: *Rob Hammond, Mica Corporation*

Room: Classroom 106

Aqueously Degradable PET Films Containing a Latent Metal Oxide Reagent
Natalie Duprez, Georgia Institute of Technology

Expanding Consumer Access to Composting by Improving Sortation
Alan McDowall, Printpack; Gary Robinson, TIPA, Emily Stolarczyk, Digimarc

Rheology: A Tool to Determine the Processability of Biopolymers for Extrusion Coating
Olivier Catherine, Cloeren Inc.

Bio-Productivity
Andrew Christie, SAM North America, LLC

10:00 a.m. -10:30 a.m.

Coffee Break
Room: Zlotnik Foyer S/B

10:30 a.m. – 12:30 p.m.

Session 12: Emerging Resin Technologies for Flexible Packaging
Session Chair: *Kelly Frey, Chevron Phillips Chemical Company*
Room: Zlotnik Ballroom 1/2/3

Barrier and Permeation Properties of Nylons: How to Use it in Film Applications
Sergi Salvà Sàez, UBE

Novel Combination of Toughness and Stiffness Through Molecular Design
Nicolas Mazzola, The Dow Chemical Company

Addressing the “Design for Recyclability” Challenge
Eric Hair, Milliken & 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)