



PLACE CONFERENCE TECHNICAL PROGRAM

HELPING ME DO MY JOB BETTER

MONDAY, MAY 7

8:00 am - 9:30 am

**Session 01a: The Future of Flexible Packaging...
An Interactive Session**

Leonesa I & II

Session Chair: *Ginger Cushing*, Michelman Inc.
Jim Lush, Celplast Metallized Prod. Ltd.

Panelists: *Tom Clark*, Kraft Foods

Brad Rogers, PepsiCo Advanced Research
Sal Pallingra, Ampac

10:00 am - 11:30 am

Session 01: Sustainability

Leonesa I & II

Session Chair: *Beth M. Foederer*, Optex Process Solutions LLC

"How to Start a Waste-to-Landfill Reduction Program"

George Fickau, Coating Excellence

"Sustainability (Product for Purpose)"

George Fickau, Coating Excellence

"Sustainability Drivers for 2012 and Beyond"

Jeffrey J. Wooster, Dow Chemical
John Garnett, Dow Chemical

11:30 am - 1:00 pm

**Session SE2: Newcomers Lunch
Princessa I**

1:00 pm - 2:30 pm

**Session 02: Package Enhancement
Leonesa I & II**

Session Chair: *James F. Macnamara*

MONDAY, MAY 7 (cont.)

"Paper-based Packaging: Functional and Sustainable Coating"

Islem A. Yezza, PhD, Cascades Inc.

"Polymeric Based Packaging Materials for Advanced Food Processing Technologies"

Shyam Sablani, Washington State University

Sumeet Dhawan, Washington State University

"Good Manufacturing Practices for Manufacturing Food Contact Packaging"

Thomas J. Dunn, Flexpacknology LLC

Session 03: Blown Film Technologies

Eliza Anderson Amphitheater

Session Chair: **Scott B. Marks**, DuPont

"Performance Comparison on Water-Quench versus Air Quench Blown Films"

Karen Xiao, Brampton Engineering Inc.

Robert Armstrong, EVAL Company of America

"Coex Blown Film Dies - New Improvements Technical Paper"

Steven Daniel Jonjak, Premier Dies Corporation

"Latest Developments in On-line Measurement of Complex Barrier Blown Film Structures"

Hector E. Marchand, NDC Infrared Engineering

3:00 pm - 4:30 pm

Session NTS: New Technology Showcase

Leonesa I & II

Session Chair: **Didem Deliormanli**, PhD, Dow Chemical USA

"TAPPI PLACE Product Resources Team"

Kelly Frey, Chevron Phillips Chemical Company LP

"Optical Surface Inspection with OPSIS 8000 CMOS Linear Cameras"

Peter Burggren, Wintriss Engineering Corp.

"New Extruder Concept for Thermally Sensitive Materials -HO-LT [High Output - Lower Temperature] Extruders"

Derek M. Ford, SML Extrusion Technology

"Novel Additive Technology Expands the Performance Attributes of Polyethylene"

Rebecca Kramer, Milliken & Company

TECHNICAL PROGRAM (cont.)

"Pilot Coating System"

Andrew W. Christie, Optex Process Solutions LLC

"Enhanced Polyethylene Resins for Flexible Packaging Applications"

Thomas Schwab, LyondellBasell

"Sticking with Polypropylenes"

Bruce W. Foster, Mica Corporation

4:30 pm - 6:00 pm

**Session SP: Tabletop Reception and Student Poster Session
Princessa I & II**

TUESDAY, MAY 8

8:00 am - 10:00 am

Session 04: Resin Materials I

Leonesa I & II

Session Chair: Norman D. Aubee, NOVA Chemicals

"New HDPE Resins Provide Improvements in Barrier Performance"

Mark Heard, Dow Chemical

"Antistatic Additive for Packaging"

Aldo R. Tavarez, Dupont Packaging & Industrial Polymers

"New Low Density Polyethylene Products for Improved Throughput"

Cassie Ariel Cunningham, Dow Chemical USA

"Expanding the Temperature Range of Polyolefin Films"

Matt Sonnycalb, LyondellBasell Industries

Thomas Schwab, LyondellBasell Industries

Session 05: Winding/Web Handling

Eliza Anderson Amphitheater

Session Chair: Benjamin Prinsen, Macro Engineering & Tech.

"Applied Web Handling and Winding Case Studies on Troubleshooting Web and Roll Defects "

R. Duane Smith, Davis-Standard Converting Systems

"Case Studies in Winder Troubleshooting"

Benjamin Prinsen, Macro Engineering & Tech.

TUESDAY, MAY 8 (cont.)

"Laser Peening Prevents Fatigue and Stress Related Corrosion Failures"

James R. Harrison, Metal Improvement Co.

"Improving Performance"

Robert Kazimowicz, Complete Winding Solutions Inc.

10:30 am - 12:30 pm

Session 06: Resin Materials II

Leonesa I & II

Session Chair: Norman D. Aubee, NOVA Chemicals

"Extrusion Coating HDPE Barrier Laminating Film"

R. Scott Weber, LyondellBasell

"Using Additional Layers in Co-extruded HDPE Films to Enhance Properties"

Norman D. Aubee, NOVA Chemicals

"A New High Clarity Peel Seal Resin"

Sharon Wu, Dow Chemical

Lamy Jean Chopin, III, Dow Chemical USA

Rajen Patel, Dow Chemical

"Polymer Modifiers in Flexible Packaging"

Jose M. Torradas, DuPont Packaging

Session 07: Machinery Utilization

Eliza Anderson Amphitheater

Session Chair: Michael Cunningham, Extrusion Dies Industries LLC

"Slot Die Coating Technology"

Mark Miller, Coating Tech Service, LLC

"Extrusion Lamination - Is it for me?"

Andrew W. Christie, Optex Process Solutions LLC

12:30 pm - 2:30 pm

Session KEY1: Award Ceremony and Keynote

Princessa

Keynote: Brent Denniston, Starbucks Coffee Company

TECHNICAL PROGRAM (cont.)

3:00 pm - 5:00 pm

Session SE3: Bowling Fundraiser

7:00 pm - 10:00 pm

Session SE4: Gala Dinner Cruise

WEDNESDAY, MAY 9

8:00 am - 10:00 am

Session 09: Sustainability Materials Improvements

Leonesa I & II

Session Chair: Jose M. Torradas, DuPont Packaging

“Wood-based Hemicelluloses for Packaging Materials”

Mika O. Vaha-Nissi, VTT Technical Research Centre of Finland

Ali J. Harlin, VTT Technical Research Centre of Finland

Jonas Hartman, VTT Technical Research Centre of Finland

Sari Hyvärinen, VTT Technical Research Centre of Finland

Kristiina Poppius-Levlin, VTT Technical Research Centre of Finland

Harri Setälä, VTT Technical Research Centre of Finland

Jenni Sievänen, VTT Technical Research Centre of Finland

Riku Talja, VTT Technical Research Centre of Finland

“Polymers from kraft pulping spent liquor”

Mika O. Vaha-Nissi, VTT Technical Research Centre of Finland

Ali J. Harlin, VTT Technical Research Centre of Finland

Tuomas Mehtiö, VTT Technical Research Centre of Finland

Klaus Niemelä, VTT Technical Research Centre of Finland

Jarmo Ropponen, VTT Technical Research Centre of Finland

“The Design of Environment-friendly High Performance Polymer”

Kunihiko Kobayashi, JSR Corporation

“Enhancing Plastic Recycle Stream Performance”

Didem Deliormanli, Dow Chemical USA

Laura Weaver, Dow Chemical USA

Marcos Franca, Dow Chemical USA

Sarah Valle, Dow Chemical USA

WEDNESDAY, MAY 9 (cont.)

Session 10: Multilayer Technology

Eliza Anderson Amphitheater

Session Chair: Thomas J. Dunn, Flexpacknology LLC

"Micro-layer Coextrusion Methods and Applications"

Gary D. Oliver, Extrusion Dies Industries LLC

"Experimental and Numerical Analysis of
Micro/Nano-Layer Coextrusion"

Patrick Lee, Dow Chemical USA

Joseph Dooley, The Dow Chemical Company

"Nanolayer Film Structures with Ethylene Vinyl
Alcohol Resins"

Eugene D. Medlock, Kuraray America

"Sub-micron coextrusion technology and
application examples"

Olivier Catherine, Cloeren Incorporated

10:30 am - 12:30 pm

Session 11: Resin Materials-Seals

Leonesa I & II

Session Chair: Rob Hammond, Mica Corporation

"Evaluation of Sealants for High Temperature
Packaging Applications"

Daniel R. Ward, NOVA Chemicals

John L. Bayley, NOVA Chemicals

"Insuring Broad Operating Window and Seal Integrity"

Mustafa Bilgen, Dow Chemical USA

Ayush Bafna, Dow Chemical USA

John Garnett, Dow Chemical USA

Rajen Patel, Dow Chemical USA

Jozef Van Dun, Dow Chemical USA

"Influence of Processing Parameters on Peel
Seal Performance"

Lamy Jean Chopin, III, Dow Chemical USA

WEDNESDAY, MAY 9 (cont.)

"Use of Modeling to Speed Packaging Development"

Barry A. Morris, DuPont Pkg. & Ind. Polymers

Session 12: Adhesion/Surface Enhancement

Eliza Anderson Amphitheater

Session Chair: Kelly R. Frey, Chevron Phillips

Chemical Company LP

"Optimizing Time in the Air Gap in Extrusion Coating
for Improved Adhesion"

Kelly R. Frey, Chevron Phillips Chemical Company LP

"Extrusion-coated Sealing Layers on ALD-Al₂O₃ Coated
Polymer Substrate: Interfacial and Adhesion Properties"

Kimmo Lahtinen, Lappeenranta Univ. of Technology

David Cameron, Lappeenranta University of Technology

Petri Johansson, Tampere University of Technology

Tommi Kaariainen, Lappeenranta Univ. of Technology

"Direct Bonding in Extrusion Lamination-A Review of Typical
Situations, From Easy Cases to Most Difficult Ones."

Fabrice Chopinez, ARKEMA

"Improving PLA Adhesion Using Primers"

Bruce W. Foster, Mica Corporation

12:30 pm - 2:00 pm

Session KEY2: Lunch and Keynote Address

Princessa

Keynote: Gail Tavill, Vice President of Sustainable
Development, ConAgra Foods

WEDNESDAY, MAY 9 (cont.)

2:00 pm - 3:30 pm

Session 13: Sheet Extrusion

Leonesa I & II

Session Chair: *Derek M. Ford*, SML Extrusion Technology

“High Efficiency Sheet Extrusion”

Derek M. Ford, SML Extrusion Technology

“Dryer-Less PET/PLA ”

Sushant Jain, PTi Extruders

Session 14: Machinery Improvements

Eliza Anderson Amphitheater

Session Chair: *Aldo R. Tavarez*, Dupont Packaging &
Industrial Polymers

“Nanoscale Surface Processing of Extrusion Coated
Substrates and Plastic Films with Atmospheric Plasma
Activation and Deposition”

Johanna Lahti, Tampere University of Technology

Juho Lavonen, TUT

“Effects of Cumulative Surface Treatment on Vacuum-
Deposited Coating Adhesion”

Rory Wolf, Enercon Industries

“Optimizing Barrier Properties Achieved by
Dispersion Coating”

Martti Toivakka, Abo Akademi University

Roger C. Bollstrom, ABO Akademi University

Roger Nyqvist, Abo Akademi University

Janet S. Preston, IMERYS Minerals Ltd.

Pekka J. Salminen, Styron Europe GmbH

WEDNESDAY, MAY 9 (cont.)

4:00 pm - 5:30 pm

Session 15: Adhesive/Primer Sustainability

Leonesa I & II

Session Chair: **Prabhat R. Mishra**, PZ Cussons (International) Limited

"Water Based Primers for Enhancing Oxygen Barrier
and Metal Adhesion on Film Substrates"

Ginger Cushing, Michelman Inc.

"Sustainable Adhesive Technologies for the
Packaging Industry"

Hermann K. Onusseit, Henkel AG & Co. KGaA

"New Solvent-free Laminating Adhesive for Reducing/
Eliminating Water-Base Ink Decal"

Randy A. Johnson, Ashland Performance Materials

Session 16: Utilizing Environmentally Friendly Materials

Eliza Anderson Amphitheater

Session Chair: **Warren Durling**, Clorox Services Company

"Renewable Xylan-based Barrier Coating for Packaging"

Håkan Grubb, Xylophane AB

Lisa Bindgård, Xylophane AB

Maria Gröndahl, Xylophane AB

"Papermatch – Imparting the Look, Feel, and
Performance of Paper in Traditional Film Structures"

Chris Kerscher, A. Schulman

WEDNESDAY, MAY 9 (cont.)

"Inline-coating and metallizing as a way to improve barrier and reduce carbon footprint"

Veronica Ataya, Celplast Metallized Products

Dante F. Ferrari, Celplast Metallized Prod. Ltd.

5:30 pm - 7:00 pm

**Session SE5: Post Conference Wrap-Up Meetings
(Invitation Only)**

Menzies Suite - 6th Fl



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