



SPE Polyolefins and FlexPackCon®
February 24-27, 2008
Wyndham Greenspoint Hotel
Houston, Texas, USA
Program

Tutorial – Chair: Lan Nguyen, Heritage Plastics, Sunday, February 24, 12:30 PM

- [Fundamentals of Flexible Packaging](#), Darby Duncan, Clemson University
- [Materials and Structural Requirements for Various Flexible Packaging Products](#), Lan Nguyen, Heritage

Plenary – Session Chairs: Donna Davis, ExxonMobil Chemical, Bill Diecks, Ametek Westchester Plastics, Monday, February 25, 8:00 AM

- [A Global Update on Polyolefin Polymers and Monomers](#), Gary Adams, CMAI
- [Recent Developments in Polyolefin Process Technology](#), Ken Sinclair, Principal, STA Research
- [Status of the Packaging Business](#), Ram Singhai, Flexible Packaging Association
- [Open Innovation and Value Creation at Proctor & Gamble](#), Mark Peterson, Proctor & Gamble
- [Trends and Drivers in Flexible Packaging](#), Brian Elliott, VP, Sealed Air Corporation

Developments in Processing Technology – Session Chair: Ananda Chatterjee, Monday, February 25, 1:00 PM

- [Twin Screw Design Advances](#), Charlie Martin, Leistritz
- [New Developments in Stretch Film Winding](#), R. Duane Smith, Black Clawson
- [Stackable Co-extrusion Die Technology](#), Surendra Segar, Macro Engineering
- [Twin Screw Extruders in Compounding of Polyolefins An Overview](#), Kapfer Klaus, Coperion
- [Processing Polyolefins Using Twin Screw Extruder in Testing Applications](#), Andrew Yacykewych, CW Brabender
- [Polyolefins Technology Advancements in Latin America](#), Jorge Buhler-Vidal, Polyolefins Consulting
- [Modifiers That Boost the Output of LLDPE in Blown Film](#), Barry Morris, DuPont
- [Sharkskin Removal: the Role of Particle Size and Viscosity Ratio](#), David Bigio, University of Maryland

Polyolefin Elastomers – Session Chair: Sidhartha Sen, Monday, February 25, 1:00 PM

- [Supply Chain Shifts and International Competition](#), Robert Eller, Robert Eller Associates
- [New Polypropylene Based Vulcanizable Polyolefin Elastomers](#), Sudhin Datta, ExxonMobil
- [Polyolefin Elastomers, Adding New Life to a Maturing Market](#), James Virosco, Nexant
- [Styrenic Block Copolymers for Low Temp Impact Blends with PP](#), David Hansen, Kraton
- [TBD](#), Jay Munsey, Alpha Garry
- [Panel Discussion – Trends in Niche Elastomeric Polymers](#), Sid Sen, Petrochemical Development Group

Food Packaging Challenges: Session Chair: Donna Davis, Monday, February 25, 1:00 PM

- [Challenges of Meat Packaging](#), Paul Zervas, Kraft Foods
- [Challenges of Flexible Condiment Packaging](#), Bill Raslie, Heinz North America
- [Snack Packaging](#), TBD, Frito Lay
- [Beverage Packaging](#), Marilyn Baker, Coca-Cola
- [Fresh Produce Packaging](#), Sam Goldsmith, Dole
- [Panel Discussion – Similarities and Trends in Food Packaging](#), Donna Davis, ExxonMobil

New Developments in Stabilization – Session Chair: Thoïs Ho, Dow Chemical, Tuesday, February 26, 8:00 AM

- [Benzoates or Forgotten UV Stabilization Strategies for Polyolefins](#), John Mara, Songwon Industrial
- [Fielding the Challenges of Artificial Turf Stabilization](#), Jeanne Courter, Cytec Industries, Inc.
- [Discoloration of Polyolefins](#), Lee Robin, Dow Chemical
- [Liquid Antioxidants for Polyethylene](#), Michael Gelbin, Chemtura
- [Global Regulatory Issues on TNPP](#), Rob Hendricks, Dover Chemical
- [New Developments in use of Release Agents for Polyolefins](#), Ashu Sharma, Axel
- [A New Phenol-free Stabilizer solution for Polypropylene Fiber](#), Joing Yu, Ciba SC

New Developments in Polymer Processing and Film Analysis – Session Chair: Simon Dominey, Emery Jorgenson, Tuesday, February 26, 8:00 AM

- [TBD](#), TBD, Perkin Elmer
- [TBD](#), Jochem Koenig, Shenck Vision Systems
- [TBD](#), Simon Dominey, Davis Standard
- [Predicting Blown Film Bubble Stability for Linear Medium MW HDPE](#), Tom Schwab, Lyondell Chemicals
- [TBD](#), Steve Jonjak, Premier Die Corp
- [TBD](#), Niel Sticha, Oakland Instrument
- [Processing Additives interactions with Polyolefins in mono and Co-Ex polymer flows](#), M. Zatoukal and C. Lavalle, Tomas Bata University and 3M
- [Micro Capillary Polymer Film Extrusion](#), M. Mackley, Cambridge University, UK
- [TBD](#), Charles Mork, DOW Chemical Company

New Materials for Improved Package Functionality – Session Chair: Randy Jester, Tuesday, February 26, 8:00 AM

- [The Interaction between Nanocomposites and TiO₂ Pigment in Thin-Film Applications](#), Harutun Karian, Rhetech/Naocore
- [Polyolefin Film Enhancement Using Cyclic Olefin Copolymers for Retort Applications](#), Paul Tatarka, TOPAS
- [New Transparent High-Barrier Film for Advanced Retort Applications](#), Robert Armstrong, Eval America
- [Adding a High Barrier Shrink Film to PET Bottle](#), Changfeng Ge, Rochester Institute of Technology
- [High Clarity Shrink Films Using Styrene-Butadiene Copolymers](#), Cliff Petty, ChevronPhillips Chemical
- [Styrenic Block Copolymer Tie-Layer Adhesives in Flexible Packaging Applications](#), Richard Schmidt, Kraton

Processing and Applications of Polyolefins – Session Chair: Abdelhade Sahoune, Tuesday, February 26, 1:00 PM

- [Advances in Soft Polyolefins](#), Sudhin Datta, ExxonMobil Chemical
- [Product and Manufacturing Advances in Gas Phase EPDM](#), Bob Gowell, DOW Chemical
- [PE/PP Multilayer and Nanocomposite Films: Some Process-Structure Performance Relationships](#), Abdellah Ajj, NRC-Canada
- [Advanced Materials from Novel Bio-Based Resins](#), Shiram Bagrodia, Cereplast Inc.
- [Development of Injection Foam Molding for Automotive](#), S.M. Cho, Honam Petrochemical
- [Microcellular Foaming of LDPE and HDPE Using Sub-critical CO₂](#), Dustin Miller, University of Washington
- [Plasma Assisted Continuous Modification of Polyethylene](#), P. Tasanatanachai, Petroleum & Petrochemical College, Thailand
- [In Line Roto Vacuum Forming of High Density Polyethylene Thin Film](#), Don Reum, Don Reum

New Catalyst and Materials Developments – Session Chair: Bill Beaulieu, ChevronPhillips Chemical, Tuesday, February 26, 1:00 PM

- [INFUSE[™] Olefin Block Copolymers: From Molecular Design to Market Introduction](#), Edmund Carnahan, DOW Chemical
- [Polyolefin Catalyst Update](#), John Hain, Grace Chemical
- [Activation of the Phillips Cr/Silica Catalyst](#), Max McDaniel, ChevronPhillips Chemical
- [Functionalized Polyolefins](#), Rich Jordan, University of Chicago
- [Challenges and Solutions with Scale-up of Catalyst and Co-catalyst Components](#), Don Morrison, Boulder Scientific
- [Influence of Dispersion Characteristics on Performance of Multiwall Carbon Nanotubes in Polyolefins](#), Nishant Negandi, Ovation Polymers
- [An Industry Update on PQ Cr-on-SiO₂ Catalysts for HDPE](#), John Lau, PQ Corporation
- [Avant Catalysts – Going Beyond](#), Jim Seward, Basell

Packaging Equipment/Converting – Session Chair: Paul Zervas, Tuesday, February 26, 1:00 PM

- [Addition of a Reclosure Feature to Large Package Sizes: Overcoming the Technical Challenges](#), Dave Anzini, Zip-Pack
- [Advances in Horizontal Thermo Form-Fill-Seal Packaging Equipment](#), Joe Stanek, Alkar RapidPack
- [Flexible High Speed Pouching for the Food Industry](#), Paul Wilson, R.A. Jones
- [Advances in Stick Packaging Equipment Technologies](#), Ken Botterbrodt, THEM
- [Latest Advances in Standup-Pouch Packaging Machinery, A Global Perspective](#), Dennis Calamusa, Alliedflex
- [TBD](#), Mike Wilcox and Stan Kapustika, Dobby

PMAD-2 – Session Chair: John Mira and John Osby, Wednesday, February 27, 8:00 AM

- [Superior Clarified Polypropylene Formulations for Bottle Applications](#), Naoshi Kawamoto, ADEKA Corporation
- [New Clarifier Technology](#), Reed Walker, Milliken
- [Heterogeneous Nucleation of PP; A New Line of Talc Functional Additives](#), Piergiovanni Ercoli, IMI Fabi Spa
- [Clarified Polypropylene – Old Technology v. New Chemistry](#), Estibaliz Santamaira, RIK International
- [Quantitative Abrasion and mar Resistance Evaluation of Thermoplastic Olefin](#), Hung-Jue Sue, Texas A&M
- [New Development in Talcs](#), Saied Kochesfahani, Rio Tinto Minerals

New Developments in Testing and Characterization of Polyolefins-Session Chair: Vasilios Galliatsatos, Wednesday, February 27, 8:00 AM

- [High Throughput Measurements of Crystallization and Phase Behavior of Polyolefin Blend Thin Films](#), Alamgir Karim, NIST
- [Rheological Methods for Fingerprinting Polyolefin Processing Behavior](#), Savvas Hatzikiriakos, U. British Columbia
- [Branched or Unbranched Polymers and Polyolefins: A Scattered Perspective](#), Gregory Beaucage, U. Cincinnati
- [Ultra High Mass Spectrometry Analysis of Polystyrene and of Biological Polymers](#), Mark Bier, Carnegie Mellon
- [Phase Behavior and Mechanical Properties of PLA-Biomax Strong 100 Blends](#), Douglas Hirt, Clemson
- [Bulk and Interfacial Effects on Permeability in Polymer Nanocomposites](#), Nandika D'Souza, U. North Texas

Sustainability – Session Chair: Tom Dunn, Wednesday, February 27, 8:00 AM

- [Market Overview](#), TBD, TBD
- [Ripening Inhibition and Bio-Compostable Packaging for the Future](#), Joseph Webster, Stabilization Technologies
- [Sustainable Packaging: Delivering Performance with Reduced Environmental Impact](#), Carol Casarino, DuPont USA
- [Economic and Environmental Comparison of Reprocessed PE vs Virgin PE Liners](#), Lan Nguyen, Heritage
- [The Linkage Between Product Freshness, Package barrier and Sustainability](#), DL Visoli, Dupont Packaging
- [New Technology for Effective Compatibilization of Barrier Regrind in Flexible Packaging](#), Steve Tanny, DuPont

Unassigned Papers

- [25 Micro-Layer Blown Film Extrusion Die](#), Henry Schirmer, BBS Corporation
- [Latest Development in Extrusion Coating and Lamination Helping to Improve Your Profitability](#), German Laverde and Guenter Rosier, Battenfeld Gloucester Engineering
- [Advances in Packaging Equipment](#), Charles Murray, PPI Tech
- [Process Aids – A Proactive Approach](#), Paul Greisinger, Ampacet
- [Shape-Up Your Cast Film Extrusion process with a Contour Die](#), Sam Luliano, Extrusion Dies Industries
- [PP- Blends for Soft Applications](#), Doris Machl, Borealis Group

Program Chairs

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Deadlines

Abstract: November 15, 2007
Initial paper/ presentation submission: December 15, 2007
Corrected final paper: January 15, 2008