



INTERNATIONAL POLYOLEFINS CONFERENCE

Houston, Texas • February 24-27, 2019

Presented by SPE South Texas Section, SPE Polymer Modifiers and Additives Division, and SPE Thermoplastic Materials and Foams Division

Monday Afternoon - February 25

Time	Polymer Modifiers and Additives (Salon A) Moderator: Rick King	Catalyst Technologies (Salon B) Moderator: Amaia Montoya, WR Grace Moderator: Alma Dzudza, WR Grace	Film and Flexible Packaging (Salon C) Moderator: Donna Davis, ExxonMobil Chemical Company	Pipe and Long-Term Uses (Salon D) Moderator: John Kurdziel, Advanced Drainage Systems
1:30 pm - 5:30 pm				
1:30 pm - 2:00 pm	Twenty-five Years of Light Stabilizer Applications and Development for Polyolefins Joseph Fay, Technical Fellow, BASF Corporation	LyondellBasell Technology: Advancing Possible Steve Davis, LyondellBasell	State of the Flexible Packaging Industry Alison Keane, Flexible Packaging Association	Life Cycle Assessment for Corrugated HDPE Drainage Pipe Daniel Currence, Plastic Pipe Institute
2:00 pm - 2:30 pm	Optimizing Stabilization Systems for Polyolefins Using Traditional and Specialty Antioxidants Rick King, Senior Technical Manager, Plastic Additives Business Unit, BASF	Borealis Sirius Catalyst Technology Enabling Factor for Sustainable Growth Nora Vaarne, Borealis Polymers Oy		The Performance Requirements for Recycled HDPE Materials in Various Pipe Applications John Kurdziel, Advanced Drainage Systems
2:30 pm - 3:00 pm	Development of a Polyolefin Stabilizer Blend with Predefined Properties and Food Contact Status Robert Sherman, Technical Director for the Special Additives	Advanced Molecular Polyolefin Catalysis: Enabling Growth and Sustainability Philip Fontaine, Dow Chemical Company	A Holistic View of the Role of Flexible Packaging in a Sustainable World Todd Bukowski, PTIS Global	Kinetics of Slow Crack Growth in HDPE Pipes Jung-Wook Wee, Korea University

Division, Baerlocher

Break (Atrium)

3:00 pm - 3:30 pm

3:30 pm - 4:00 pm

Low VOC Stabilization Systems for PP Automotive Applications
JungDu Kim, Technical Service Manager, SONGWON International Americas

Ti AND Zr Catalysts in the Macromolecular Melt Regenerate Unfilled and Filled Virgin, Re grind and Recycled Plastics
Salvatore J. Monte, Kenrich Petrochemicals, Inc.

Solutions for the Circular Economy: Designing for Recyclability
Barry Morris, Dow
Jill Martin, Development Fellow, Dow Chemical Company

Performance Validation of Recycled HDPE Pipe Materials by the Un-notched, Constant Ligament Stress Crack Test (UCLS)

4:00 pm - 4:30 pm

Effect of HALS against photo degradation of greenhouse PO film under severe sulfur fumigation
Yota Tsuneizumi, ADEKA Corporation

Synthesis of Polyolefins with Controlled Microstructures Using Single Site Group 4 Transition Metal Catalysis
YANSHAN GAO, Northwestern University

Biaxially Oriented Polyethylene (BOPE) Films Fabricated via Frame Process and Applications Thereof
Justice Alaboson, Dow Chemical

Resin Blending and Variability of HDPE Recycled Pipe Materials
Daniel Figola, Advanced Drainage Systems

4:30 pm - 5:00 pm

Enhancing the Properties of Polyolefins to Accelerate Market Adoption
Jian-Yang Cho, Solvay

Investigating and Improving MAO Activation Efficiency of Metallocenes for Olefin Polymerization
Matthew Thorn, WR Grace

Extreme Performance Polyethylene Resins
Mosha Zhao, ExxonMobil Chemical Company

Pipe Stiffness: What it is and what it is not.

5:00 pm - 5:30 pm

Study of the effect of ASTM and ISO testing conditions on mechanical properties of polypropylene
Jing Zhong, W.R. Grace&Co

5:30 pm - 7:30 pm

Welcoming Reception--Sponsored by PMC (Donatello Ballroom Upstairs)