

2018 SPE INTERNATIONAL POLYOLEFINS CONFERENCE

February 25 - 28, Houston, Texas

Abundant Supply = Opportunities and Challenges



Tuesday Afternoon

12:00 pm - 1:30 pm

Lunch (Donatello Ballroom Upstairs)

1:30 pm - 5:00 pm

Recent Advances in Additives (Salon A)

Moderator: Kyle Hart, Dow

Advances in Compounding and Extrusion (Salon B)

Moderator: Amit Chaudhary, Dow

Sustainability in Packaging (Salon C)

Moderator: Donna Davis, ExxonMobil Chemical Company

1:30 pm - 2:00 pm

Use and Utility of Metal Soaps in Polyolefins
Robert Sherman, Technical Director for the Special Additives Division, Baerlocher

Fundamentals of Twin-Screw Compounding: Kneading Block Performance Characteristics
Paul Andersen, Process Engineering Consultant, Coperion

Packaging Will Deliver Performance with Purpose
Rob Cotton, PepsiCo

2:00 pm - 2:30 pm

Development of Rice Husk/Polefin Composites
Thi Thu Loan Doan, University of Science and Technology, The University of Danang

Performance Evaluation of Counter-Rotating Continuous Mixer and Twin Screw Mixer for High Density Polyethylene
Sayaka Yamada, Kobe Steel, Ltd.(Kobelco)

Towards Sustainability
Robert Flores, Director of Sustainability, Berry Global

2:30 pm - 3:00 pm

Challenges in Use of Polyolefin Stabilisers - Presentation
Svein H. Jamtvedt, Norner AS

New Feeding Trends to the Extruder Inlet in Polyolefin Compounding Plants
Andy Kovats, Brabender Technologie, Inc

Energy Recovery Using the EnergyBag(TM)
Jill Martin, Development Fellow, Dow Chemical Company

3:00 pm - 3:30 pm

Break (Atrium)

3:30 pm - 4:00 pm

New High Performance Mineral Products for PP/TPO Applications
Maziyar Bolourchi, Senior Manager, Polymer

Reciprocating Single Screw Compounding Technology
Brad Rogers, Buss Inc.

The Evolving Role of Packaging in the Circular Economy
Jennifer Ronk, Dow Chemical

Applications, Imerys

4:00 pm - 4:30 pm

New Clarifiers Enable PP Replacement of PET, PVC, and PC
Zach Adams, Global Product Line Manager, Milliken & Company

TPO in Roofing Application
Vivian Zhang, Thermoplastics R&D Manager, Carlisle Construction Materials

Sustainable Flexible Packaging--A Resin Supplier's View
Lawrence Effler, Technical Service and Development Scientist, The Dow Chemical Co.

4:30 pm - 5:00 pm

Correlation of Initial Quality Study Scores on Scuff/Soil to the TAMU Scratch and Mar Test Methodology
Hung-Jue Sue, Texas A&M University

Effect of nucleating agent on properties of in-situ copolymer polypropylene and PP/POE Blends

Unilever's Packaging Journey
Julie Zaniewski, Senior Manager, Global Packaging Sustainability, Unilever

5:00 pm - 5:30pm

Multifunctional Polypropylene Nanocomposites
Zhanhu Guo, Associate Professor, University of Tennessee, Knoxville

Mansour AlOtaibi, King Saud University
Performance of Plastic Pipe and Chambers in Underground Retention and Detention Systems
John Kurdziel, Advanced Drainage Systems

Extractives Analysis of Recycled Polyolefins for Food Contact Applications
Autumn Rudlong, Iowa State University