



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

Mansour AlOtaibi, King Saud University

Unilever's Packaging Journey

Julie Zaniewski, Senior Manager, Global
Packaging Sustainability, Unilever

5:00 pm - 5:30pm

Multifunctional Polypropylene
Nanocomposites

Zhanhu Guo, Associate Professor,
Univerisity of Tennessee, Knoxville

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