



# 2018 SPE INTERNATIONAL POLYOLEFINS CONFERENCE

February 25 - 28, Houston, Texas

*Abundant Supply = Opportunities and Challenges*



## Wednesday Morning

8:00 am - 11:15 am

### **Foams and Post-Reactor Technologies (Salon A)**

Moderator: Gary Wilkes, Dart Container Corp.

8:00 am - 8:30 am

Chemical Foaming Agents: Foaming Polyolefins in Injection Molding and Extrusion

Peter Schroeck, President and CEO, Reedy Chemical Foam & Specialty Additives

8:30 am - 9:00 am

Cell Nucleation and Growth Mechanisms in Foam Injection Molding of Polypropylene

Chul Park, Distinguished Professor, University of Toronto

9:00 am - 9:30 am

Changing Your Polyolefin Extrusion Line into a Physical Foam Extrusion Line--Key Considerations

Andy Cauffman, Pro-Mix Solutions

9:30 am - 9:45 am

### **Break (Atrium)**

9:45 am - 10:15 am

Effect of the MFI of PP on the Nanofibrillation and Foaming Behavior of PP/PET System

Chul Park, Distinguished Professor, University of Toronto

10:15 am - 10:45 am

Flexural Mechanical Properties of PP-Nanofibrillated-PET Composites and Foams

Lun Howe, University of Toronto

### **Sustainability Metrics and Characterization (Salon C)**

Moderator: Donna Davis, ExxonMobil Chemical Company

Opportunities to Close the Loop with Non-Mechanical Recycling

Emily Tiplado, Director of Packaging & Consumer Products, American Chemistry Council

Multivariable Regression of Recycled HDPE

Greg Curtzwiler, Iowa State University

In-process Monitoring of Recycled Polyethylene for Catalyst and Regulated Metals Using Novel Applications in X-ray Technologies

Keith Vorst, Iowa State University

Influence of Post-Consumer Recycled Content (PCR) and Pigments in Polyethylene Properties

Emily Hurban, Iowa State University

10:45 am - 11:15 am

Nano Powders Produced and Utilized as a Drop-in Process  
Technology for Commercial Polyolefins Upgrade  
Howard Paul, America P & G Co.

Model Validation for Composite Railroad Ties Using Micro-  
Mechanics Modelling and Experimental Four-Point Bend  
Testing Made from Recycled Polyolefins

Daniel Pulipati, PhD Student, Baylor University

11:15 am - 11:45 am

In-Situ Melt Catalysis--The Ultimate Answer to  
Compabilizing Addition and Condensation Polymers  
Salvatore Monte, President and Co-Owner, Kenrich  
Petrochemicals, Inc.