



# 2016 SPE INTERNATIONAL POLYOLEFINS CONFERENCE

## Tuesday Afternoon

12:00 pm - 1:30 pm

Lunch -- Sponsored by Omya

12:00 pm - 1:30 pm

Student Poster Judging

### **Advances in Polyolefin Stabilization and Modifiers (Salon A)**

Moderator: Rick King

*Meeting the Challenges of the High End Stabilization of Polyethylene*  
John Mara, Songwon

### **Advances in Characterization and Properties (Salon B)**

Moderator: Willem DeGroot

*Multidimensional High-Temperature Liquid Chromatography*  
Robert Brüll, Fraunhofer Institute for Structural Durability and System Reliability

### **Innovative Reinforcements of Polyolefins (Salon C)**

Moderator: Dan Berg

*New Development of Bentonite Nanoclay and Use as Additives in Plastics*  
Tie Lan, General Manager , Nanocor, LLC

### **Recent Advances in Fibers and Nonwovens (Salon D)**

Moderator: Michel Daumerie

*Polyolefins in Nonwovens: Development History and Future Needs*  
David Jackson, Sr. Research Technical Leader, Global Nonwovens Enterprise, Kimberly Clark Corp

1:30 pm - 2:00 pm

2:00 pm - 2:30 pm

*Enhance Value for Polyolefins With Specialty Additives*  
Hartmut Siebert, Business Development Manager - Polyolefin Additives, Clariant International Ltd

*Novel High-Resolution GPC Column*  
Mark Jordi, President, Jordi Labs

*New Developments in Talc and Cellulose Fiber Reinforced Polypropylene Compounds for Automotive Interior Weight Savings*  
Vive Apte, Manager of Polyolefins Research and Development, Asahi Kasei Plastics North America, Inc.

*Challenges Facing the Global Nonwovens Industry 2016 and Beyond*  
Karen McIntyre, Editor, Nonwovens Industry

2:30 pm - 3:00 pm

*New Methodology for Evaluating Mar Damage in TPO Systems*

*Bottom Up Approaches to Improved Polyolefin Measurements*  
Magnetic Polyolefin Matrix Nanocomposites with Multi-

*Recent Trends in Fibers and Nonwovens*

Hung-Jue Sue, Plastics Technology Industrial Consortium, Texas A&M University	Sara Orski, Polymers & Complex Fluids Group, NIST	<i>Functionalities</i> Zhanhu Guo, Associate Professor, University of Tennessee, Knoxville	Eunkyong Shim, Assistant Research Professor, Textile Materials, North Carolina State University
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3:00 pm - 4:00 pm Exhibitor Celebration -- Sponsored by Baerlocher and Ribelin

4:00 pm - 4:30 pm	<i>"New North American" Talc Products for Polyolefins</i> Maziyar Bolourchi, Polymer Application, Lab Manager, Imerys North America	<i>Fully-Automated Intrinsic Viscosity Measurement in Polyolefins</i> Pilar Del Hierro, Polymer Char	<i>Vehicle Indoor Air Quality in Automotive</i> Laura Shereda, Asahi Kasei Plastics, North America	<i>New Styrenic Block Copolymers for Elastic Nonwoven Applications</i> John Flood, Sr. Staff Research Scientist, Kraton Polymers
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4:30 pm - 5:00 pm	<i>Surface Modification of Fillers and Reinforcements for Improved Performance in Polypropylene Compounds</i> Christoph Burgstaller, Managing Director and Head of R&D, Transfercenter für Kunststofftechnik	<i>Monitoring the Durability of Polyolefins by Imaging Techniques – the Key to Structure-Property Relationships</i> Tobias Schuster, Scientific Assistant, LBF Fraunhofer	<i>New SEBS Polymers for High Melt Flow</i> Yonghua Zhou, Senior Scientist, Kraton Polymers	<i>Recent Advances in Melt Blown Polyolefin Nonwovens</i> Gajanan Bhat, Professor - Materials Science and Engineering, Director – UT Nonwovens Research Laboratory, University of Tennessee, Knoxville
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5:00 pm - 5:30 pm	<i>Creating Value in Polyolefins Through Performance Additives</i> Keith Keller, R&D Manager, Plastic Additives, Milliken Chemical	<i>Observation of the Tear Behavior of Polyethylene Blown Films Using High-Speed Essential Work of Fracture Tests</i> Byoung-Ho Choi, Professor, Ph.D., Mechanical Engineering, Korea University	<i>Opportunities for Lightweight Reinforced Polyolefins Utilizing Mixed-Morphology Clays</i> Dan Berg, Market Manager of Thermoplastics Additives NAFTA , BYK Additives	<i>CETI: A Unique Place for Innovation</i> Anne Gonthier, R&D Engineer, CETI
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5:30 pm - 6:00 pm				<i>The Revolutionary Fibers and Textiles Manufacturing Innovation Institute</i> Terry Creasy, Associate Professor, Texas A&M University
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Dinner On your Own