



SPEAKERS ANNOUNCED

MATERIAL DEVELOPMENT

Quentin Boll, *LyondellBasell*
 Catherine Wilson, *Ford Motor Co.*
 Dr. Bin Sun, *SABIC*

Tariq Ali Syed, SABIC
 Next Generation SABIC Polypropylene
 Short Glass Fiber (PP-SGF) Composite

Mazyar Bolourchi, Imerys
 New Mineral Solutions for Automotive
 Applications

Christopher Oberste, WEAV3D Inc
 Structural Enhancement of
 Sustainable Materials

Piero Ercoli, ImiFabi
 How to Overcome Material Specifications
 in Talc Modified TPOs: Introducing New
 Product Line Neofill

Kazuhiisa Takagi, Asahi Kasei
 Innovative SEBS for Improving the Key
 Properties of TPEs

Dr. Petya Yaneva, SABIC
 Developments on PP Compound

PROCESS ENABLING & ADDITIVE TECHNOLOGIES

Matt Sprouse, *Audia*
 Dr. Suresh Shah, *Dephi (Retired)*
 David Tucker, *New Wave Manf.*

Ed Wenzel, Inteva Products
 Implementation of Live, Nonfunctional
 Decorative Stitching as an Alternative to
 Cut-Sew-Wrap Technology for Automotive
 Applications

Alex Baker, Moldex3D
 Advanced Simulation Techniques for
 Predicting and Mitigating Stress Marks
 on High-Quality Product Surfaces

Fred Chang, SABIC
 Compression Molded EV Battery Enclosures
 with Flame Retardant Glass Reinforced
 Polyolefin Compounds

Jason Brownell, Polyfuzer Graphics
 Polymer Fusion Labeling: A New Labeling
 Technology that Answers Major Safety
 Concerns and Reduces Liability

Charlie Martin, Leistritz Extrusion
 Managing Melt Temperature in a
 Co-Rotating Twin Screw Extruder

Dmitriy Yurchenko, GKN Additives, NA
 Digital Printing of Polypropylene
 in Automotive

SUSTAINABILITY

Mark Allen, *Dow Chemical*
 Dr. Murali Reddy, *CPK Interior Products*
 Dr. Petya Yaneva, *SABIC*

David Nex, Green Group Consulting
 Pitfalls of Chemical and Mechanical Recycling

Susan Kozora, IAC
 Life Cycle Assessment Based on
 Carbon Footprint of PVC Slush IP Skin
 vs TPE Injection Molded Soft Skin

Kevin Lyons, Inteva Products
 Lowering Product Carbon Footprint Through
 Increased Recycled Content

Thomas Sybrady, Inteva Products
 Post Industrial Recycling of Natural Fiber
 Reinforced Polypropylene (NFPF)

Manjusri Misra, University of Guelph
 Upcycling of Waste Polyolefins and Recycled
 Ocean plastic in Biocomposites uses for a
 Circular Economy

Dr. Amar Kumar Mohanty, Univ. of Guelph
 "Bio-black a New Green" – Biocarbon-filled
 Polypropylene/Toughened Polypropylene
 based Sustainable Composites for Light-weight
 Automotive Parts

Kevin George, Geon Plastics
 Sustainable Polyolefin Composites for Today
 and Tomorrow

Dr. Petya Yaneva, SABIC
 Sustainable Mechanically Recycled Polypropylene
 Compounds for Automotive Applications

Lisa Madenjian, Dow
 Driving Sustainable Materials for Mobility

Megan Krampe, Mitsui
 Addressing Net Zero Emission Goals Using
 Carbon Negative Bio-Based Polypropylene

Gustavo Lombardi, Braskem
 Unprecedented Carbon Neutrality and
 Performance Solutions Offered by Braskem

Michail Dolgovskij, SI Group
 Additive Technologies to Improve TPO
 Performance in Automotive Applications

Dr. John Mara, Adeka
 THERMOFIL CIRCLE F*12R Series –
 Recent Development in Glass Fiber
 Reinforced Polypropylene Compounds
 with a Reduced Carbon Footprint for
 Automotive Applications

Peter Hawighorst, ISCC PLUS
 Sustainability Certification for TPO
 Supply Chain using ICSS PLUS

INNOVATIONS IN INTERIORS

Dr. Pravin Sitaram, *Haartz*
 Austin Wagenhals, *Ford Motor Co.*
 Hoa Pham, *Sonoco*

Ken Gassman, Inteva Products
 Plenary Talk - Industry Trends Driving
 More for Less

Dr. Greg Farrar/Bruce Giroux, CpK
 Wave Casting Technology for
 Automotive Interiors

Jeremy Husic/David Whitehead, Inteva Products
 Challenges of Smart Surfaces
 in Automotive Trim

Turner Slaughter, VOLTEK
 Recycled Materials and Non-Halogenated
 FR Technologies in Crosslinked Closed Cell
 Polyolefin Foams for Interior Applications

James Leo Mazurek, FORVIA
Akim Khalef, MATER'ACT
 Decarbonization in Automobiles –
 Material Options for Automotive
 Interior Applications

Dr. Mail Ha, Microban
 Common Antimicrobial Test Methods
 for Foam Materials

Stephen Cranney, Kraiburg
 TPO / TPE Materials

Robert Mimms, Advanced Composites
 Next Generation Cold Temperature
 Ductile Interior TPOs

Chris Engel, Avient
 Enhancing Automotive Interiors
 with Recycled Content TPE's

Luca Gazzola, Sirmax
 Incorporating recycled polypropylene
 in a compound intended for
 Automotive interior applications

Anil Tiwari, SABIC
 Predicting Mechanical Performance &
 Processing of Core-back Foam Injection-
 molded Parts with Grained Surfaces

Brent Landis/Rick Snyder, H. B. Fuller
 H.B. Fuller's Thermonex® Clearbond
 Transparent Adhesive for Interior Trim

Kevin George/Tra Goss, Geon Plastics
 Understanding Scratch and Mar
 Improvements for Increased
 Consumer Satisfaction



TPO[®] 2023 GLOBAL AUTOMOTIVE CONFERENCE

Troy, MI • October 1-4, 2023
Powered by SPE Detroit Section

FOR MORE INFO

WWW.AUTO-TPO.COM

ENGINEERED POLYOLEFINS FOR THE
MOBILITY EVOLUTION

SPEAKERS ANNOUNCED

PERFORMANCE ADDITIVES & COLORANTS

Dr. John Mara, *Amfine*
Heejung Kwon, *Songwon*
Jungdu Kim, *Songwon*

Yuhei Hattori, *Amfine*

Superior Polypropylene via use of Novel Nucleating Agent Technology

Brett Robb, *Resin Solutions*

Ionic Additive to Improve Melt Strength in Recycled and Virgin PP Compounds

Huaiyuan (Ethan) Hu, *IMAT*

Assessment of Volatile Organic Compound Emissions from Automotive Materials using Chamber, Headspace, and Desorption Testing

Enrico Galfre, *SABO*

Additives Engineering and Impact on Polyolefins Weather Stability and Anti-dust Properties

Heejung Kwon, *Songwon*

Thermo-oxidative Stabilization of Mechanical Recycled Polypropylene Compounds

Margot Clauss/Klaus Keck, *Rianlon*

How Stabilization of Automotive TPO Compounds Changed from the Past and How it Could Evolve in the Future

Kevin George, *GEON Performance*

Developing Polyolefin Compounds with a Metallic Look

Dr. Dean Chundury, *Plastics Compounding LLC*

Novel Non-halogen FR PP Development and Commercialization

Dr. Emile Hornsi, *Cargill*

How Various Combinations of Additives Affects the Performance of Antiscratch Additives in PP Automotive Formulation

POLYOLEFIN ELASTOMERS & VULCANIZATES

Dr. Bhavesh Shah, *Lion Elastomers*
Dr. Dave Patel, *GuruTech Systems, Inc*
Dr. Nadeem Bokhari, *Sumitomo Polymers*

Dr. Nischay Shivaprakash, *Mitsubishi*
Split-Proof Thermoplastic Vulcanizates (TPV) for Corner Molding Application

Paul Zwick, *Celanese*
Santoprene Thermoplastic Vulcanizates in EV Cooling Hose Applications

David Truong, *Kraton*
Sustainable Styrenic Block Copolymer Solutions to Enhance Multipolymer Compatibilization and Performance in Automotive Applications

Talat Karmo, *Vintech*
Innovative Elastomer Product Designs and Processing

Tomoki Kanemori, *Sumitomo*
Newly Developed TPV for Glass-Run Channel Corner Joint Applications

Dr. Prashant Bhadhane, *Celanese*
Reduce Carbon Footprint with Santoprene ECO-R TPVs

Kaho Tazeo, *ENEOS Materials*
Multi-featured Soft TPV; Extremely Low Permanent Set, High Fluidity, and Over-Moldability

Şerif Erdoğan, *Elastron*
Self Lubricated Low Coefficient of Friction TPV (EPDM/PP) for Corner Molding Application Optimum Adhesion Performance onto EPDM, TPV and TPS Weatherseal

EXTERIOR TRIM & STRUCTURAL APPLICATIONS

Mark Pilette, *Magna (Retired)*
Charlie Yang, *LyondellBasell*
Kevin DeGrood, *Borealis*

Steven R. Sopher, *JSP*
Automotive Seating and Interiors Innovation using EPP

Chris Gregory, *Magna*
EPP Molding for Automotive Product Applications

Dan Zhang, *LyondellBasell*
Advancement in Translucent TPO Compounds for Innovative Automotive Lighting Design

Brian Staser, *Inteva Products*
Trends in Design & MFG. of Door Hardware Modules

Gaoxiang Wu, *Dow*
Polyolefin Elastomer Choices in Designing Translucent TPO Compounds

Nicolas Schlutig, *Sumika Polymers (Sumitomo)*
Recent Developments in Glass Fiber Reinforced Polypropylene Compounds

Jane (Jue) Lu, *LyondellBasell*
High Stiffness Thermoplastic Olefins (TPOs) Enabling Light Weight Body Panel Applications