

MONDAY 9 | 28

12:00 - 6:00PM EXHIBITION SET-UP

PM 6:00

NETWORKING RECEPTION SPONSORED BY SPE DETROIT SECTION

TUESDAY 9 | 29

All Times Shown in EDT USA (UTC - 04:00)

AM 7:00

REGISTRATION / EXPO / NETWORKING / BREAKFAST

8:15

WELCOME REMARKS: Neil Fuenmayor, *Orinko Advanced Plastics North America*; Rob Philp, *President, SPE Detroit Section*; Michael Balow, *Auxin Consulting, LLC*
DIAMOND SPONSOR PRESENTATION: DOW

8:45

KEYNOTE: Innovation in an Affordability Era: Where do Suppliers Prioritize Innovation in a Cost Constrained World?
 Mark Barrott, *Partner, Management Consulting - Strategy & Operations, Plante Moran*

9:30

NETWORKING BREAK SPONSORED BY SPE DETROIT SECTION

	HALL I	HALL II	HALL III
	MATERIALS & PERFORMANCE INNOVATION <i>Moderators:</i> Dr. Birat KC, <i>Magna International</i> Austin Wagenhals, <i>Ford Motor Co.</i>	SUSTAINABILITY, CIRCULARITY & REGULATORY READINESS <i>Moderators:</i> Dr. Murali Reddy, <i>CpK</i> Dr. Raziye Mohammedi, <i>Ford Motor Co.</i>	NEW APPLICATION, DESIGN & PROCESS DEVELOPMENTS <i>Moderators:</i> Kevin DeGrood, <i>Borouge International</i> Paul Sieradzki, <i>TORAY Plastics</i>
10:00	Propylene-Rich Copolymer for Mitigation of Tiger Stripes in Auto Thermoplastic Polyolefin (TPO) Brian Satterley, <i>ExxonMobil Product Solutions Company</i>	Upcycling Polypropylene through Functional Masterbatch for Automotive Interior Applications Dr. Raziye Mohammedi, Xiaojiang Wang & Ellen Lee, <i>Ford Motor Co.</i>	Characterization of Strain Rate Dependency Dr. Charlie Yang, <i>LyondellBasell</i>
10:30	Advancing TPO in Exterior Body Panels Dr. Xian Jiang, <i>Dow</i>	Manufacturing and Recycling Mono-Material Door Assemblies Dr. Aristotle J. Zervoudakis, <i>Inteva Products</i>	Establishment of a Film Decoration Technique Applicable to Large PP Parts Yutaro Kawasaki & Joel Cambell, <i>Nippon Paint Automotive Americas, NPAA / Taikisha USA Inc.</i>
11:00	Next Generation TPO Artificial Leather: Advancing Surface Durability Beyond Conventional Performance Limits Joshua Cram, <i>Continental Surface Solutions</i>	Incorporating Fiber to Create Unique Aesthetics, Reduce Costs, and Promote Sustainability with Molded in Color TPO's Perry Banta & Kristina Sova, <i>LyondellBasell</i>	Ditch the Paint Shop: Class A Polyurethane Overmolded TPO Parts for Interior and Exterior Applications Dan Rozelman, <i>KraussMaffei</i>
11:30	TPO Translucent Composite Development Louis Martin, <i>BYK</i>	Automotive Seating Reimagined: Polyolefin Innovations Dr. Shankar CV Ram, <i>Dow</i>	Enabling Paint Elimination Through Engineered Molded-in-Color Systems Christian Aho & Dr. Bhuvanesh C. Yerigeri, <i>Americhem</i>

PM 12:00

NETWORKING LUNCH SPONSORED BY SPE DETROIT SECTION

1:15

PANEL DISCUSSION - SUSTAINABILITY: PANELISTS: Ellen Lee, *Ford Motor Co.*; Kellen Mahoney, *University of Maryland*; John Skelly, *Hyundai America Technical Center, Inc. (HATCI)*; Sue Kozora, *IAC Group*; Parvinder Walia, *Magna International*
 MODERATORS: Austin Wagenhals, *Ford Motor Co.*; Ewa Lebert, *General Motors LLC*

2:15

NETWORKING BREAK SPONSORED BY SIRMEX

	MATERIALS & PERFORMANCE INNOVATION <i>Moderators:</i> Dr. Birat KC, <i>Magna International</i> Austin Wagenhals, <i>Ford Motor Co.</i>	SUSTAINABILITY, CIRCULARITY & REGULATORY READINESS <i>Moderators:</i> Dr. Murali Reddy, <i>CpK</i> Dr. Raziye Mohammedi, <i>Ford Motor Co.</i>	NEW APPLICATION, DESIGN & PROCESS DEVELOPMENTS <i>Moderators:</i> Kevin DeGrood, <i>Borouge International</i> Paul Sieradzki, <i>TORAY Plastics</i>
2:30	Advanced Short Glass Fibre Reinforced Polypropylene Solutions for Structural Door Applications Nicolas Schlutig, <i>Sumika Polymers</i>	Bridging Performance and Circularity in Automotive Interior Materials Luca Gazzola, <i>Sirmex</i>	Predicting the Lifetime of PCR PP Compounds for Automotive Applications Todd Glogovsky, <i>Orinko Advanced Plastics North America</i>
3:00	Compression Set Improvement at High Temperatures Using a Novel HSBC Ryohei Akatsuka, <i>Asahi Kasei Europe GmbH</i>	Blue Value for Automotive Interiors Noah Dunlap, <i>Advanced Composites</i>	Atypical Twin Screw Extrusion System Configurations Used for TPO Processes Brian Haight, <i>Leistritz</i>
3:30	A New Talc Portfolio for Automotive TPO Modification: Enabling Mechanical Properties Trade-Offs Across Particle-Size Classes Piero Ercoli, <i>IMIFabi Spa - Italy</i>	Sustainable Solutions for HDPE and Polypropylene Andy Johnson, <i>KW Plastics</i>	Beyond Twin-Screw Compounding: CPM's Ring Extruder in Modern TPO Compounding Daron Fraim, <i>CPM</i>

4:00

NETWORKING BREAK SPONSORED BY SPE DETROIT SECTION

	MATERIALS & PERFORMANCE INNOVATION <i>Moderators:</i> Dr. John Mara, <i>Amfine</i> Dr. Dave Patel, <i>GuruTech Systems, Inc</i>	SUSTAINABILITY, CIRCULARITY & REGULATORY READINESS <i>Moderators:</i> Joshua Cram, <i>Continental Surface Solutions</i> ; John D. Walling, <i>LyondellBasell</i> Dhruv Gambhir, <i>Tesla</i>	NEW APPLICATION, DESIGN & PROCESS DEVELOPMENTS <i>Moderators:</i> Kevin O'Malley, <i>Hyundai America Technical Center, Inc.</i> Charlie Yang, <i>LyondellBasell</i>
4:15	Research and Application of Self-Healing Polypropylene Materials Dr. Kenny Lei, <i>Kingfa Sci. & Tech. (USA), Inc</i>	Core-Shell Lignin Additives for Tough, Flame-Resistant, and Recyclable Polypropylene Reza Bhahrami, <i>Texas A&M</i>	Hotmelt Moisture Cure for Challenging Automotive Interior Trim Applications James Hammond, <i>H. B. Fuller</i>
4:45	Highly Efficient Isotactic Polypropylene Degradation Induced Via Rapid Non-Thermal Plasma Hydrogenolysis Over Y-Zeolite Marziyeh Shabani, <i>University of Akron</i>	Supporting More Sustainable Automotive Materials: Recycled PP Production and Data Renee Haney, <i>LyondellBasell</i>	Hot Melt Adhesive for Multi-Substrate Bonding for Interior Automotive Applications Dr. Nayera Abdelaziz, <i>Henkel Corporation</i>

5:15

NETWORKING SESSION

5:30

NETWORKING RECEPTION SPONSORED BY ADVANCED COMPOSITES & SPE DETROIT SECTION

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AM 7:00 **REGISTRATION / EXPO / NETWORKING / BREAKFAST**
 8:15 **WELCOME REMARKS:** Neil Fuenmayor, *Orinko Advanced Plastics North America*; Rob Philp, *President, SPE Detroit Section*; Michael Balow, *Auxin Consulting, LLC*
DIAMOND SPONSOR PRESENTATION: KINGFA

8:45 **NETWORKING BREAK SPONSORED BY SPE DETROIT SECTION**

	HALL I	HALL II	HALL III
	MATERIALS & PERFORMANCE INNOVATION <i>Moderators:</i> Dr. John Mara, <i>Amfine</i> Dr. Dave Patel, <i>GuruTech Systems, Inc.</i>	SUSTAINABILITY, CIRCULARITY & REGULATORY READINESS <i>Moderators:</i> Joshua Cram, <i>Continental Surface Solutions</i> ; John D. Walling, <i>LyondellBasell</i> Dhruv Gambhir, <i>Tesla</i>	NEW APPLICATION, DESIGN & PROCESS DEVELOPMENTS <i>Moderators:</i> Kevin O'Malley, <i>Hyundai America Technical Center, Inc.</i> Charlie Yang, <i>LyondellBasell</i>
9:00	Non-Halogenated Flame Retardant Compounds for High Performance Applications Ritch Koeth, <i>LyondellBasell</i>	A New Practical Approach for Measuring Inclusion Count in Recycled Polymers for Class A Parts Dr. Birat KC, <i>Magna Exteriors</i>	Advanced Short Glass Fibre Reinforced Polypropylene Solutions with Reduced Cycle Time for Cost Saving Nicolas Schlutig, <i>Sumika Polymer Compounds Europe</i>
9:30	Santoprene Halogen Free Flame Retardant TPV Grades Dr. Hongyu (Henry) Chen, <i>Celanese Corp.</i>	Innovations in Sustainable TPE and TPO Compounds with ELV Content Anthony Marozsan, <i>PRISM Worldwide</i>	Effect of Ethylene-based Elastomer Compositions on Mold Shrinkage of TPO Compounds Giri Gururajan, <i>ExxonMobil Product Solutions Company</i>
10:00	Advances in HFFR Technology: FR GFPP vs. FR GFPA Dr. Gary Rex, <i>JLS</i>	Next Generation Low Density TPO for Bumper/Fascia Dr. Jane Lu & David Kramer, <i>LyondellBasell</i>	Advanced Design of Transparent/Translucent Automotive TPO Materials Using Polymer Additives Akitomo Sato, <i>Amfine Chemical</i>

10:30 **NETWORKING BREAK SPONSORED BY SPE DETROIT SECTION**

10:45	Advanced Styrenic TPE Solutions for Static and Dynamic Automotive Sealing Stephanie O'Kon, <i>Kraiburg TPE Corporation</i>	PCR/PIR Usage for Painted Bumper Applications Kevin DeGrood, <i>Borouge International</i>	Ablation Resistant Long Glass Fiber Thermoplastics Enabling Next Generation Lightweight and Fire-Resistant EV Structures Yongtai Zhao, <i>Kingfa Sci. & Tech. (USA), Inc</i>
11:15	Advanced TPE Materials for Airbag Cover Applications Dr. Shinichiro Shimomura, <i>Sumitomo Chemical Co. Ltd.</i>	Recent Development Progress in Sustainable/ Low CLTE/Translucent Materials Nobutaka Oba, Dr. Andrew Meyer, Dr. Ted Kalbfleish, <i>Mytex Polymers</i>	Physical Foaming as a Cross-Application Process Enabler for Auto TPO Parts Frank A. Schumann, <i>Trexel</i>

11:45 **NETWORKING LUNCH SPONSORED BY SPE DETROIT SECTION**

PM 1:00 **PANEL DISCUSSION - MEGATRENDS:** PANELISTS: Jesse Peterson, *INOAC Interior Systems*; Jeremy Kelley, *General Motors LLC*; Steve VanLoosen, *Teknor Apex*; Mike Falcocchio, *Advanced Composites*; Pravin Sitaram, *Haartz Corporation*
 MODERATORS: Mark Lapain, *Advanced Composites*; Dave Helmer, *General Motors LLC*

2:00 **NETWORKING BREAK SPONSORED BY SPE DETROIT SECTION**

	MATERIALS & PERFORMANCE INNOVATION <i>Moderators:</i> Heejung Kwon, <i>SONGWON</i> Dr. Christian Aho, <i>Americhem</i>	SUSTAINABILITY, CIRCULARITY & REGULATORY READINESS <i>Moderators:</i> Sharad Thakkar, <i>Niche Polymer (Retired)</i> Dr. Bhavesh Shah, <i>Lion Elastomers</i>	NEW APPLICATION, DESIGN & PROCESS DEVELOPMENTS <i>Moderators:</i> Mark Pilette, <i>Magna Exteriors (Retired)</i> Stu Kapp, <i>Leitritzt</i>
2:15	POE Evolution Helping Enable Soft TPO Automotive Interiors Mark Allen, <i>Dow</i>	Enabling Automotive Circularity: Production Approval of 100% ELV-Derived PCR PP Copolymer Scott J. Oppliger & Mario Maselli, <i>Toyota Motor North America R&D / Tandem Recycling</i>	Driving Cost Efficiency and Material Innovation in TPO Processing with KM Direct Processing Technologies Eugen Schubert, <i>KraussMaffei</i>
2:45	Engineered TPV and SEBS Compounds for High-Performance Dynamic Seals Serif Erdogan, <i>Elastron</i>	UV-Stabilization of Automotive TPO Compounds Impact of Sustainability, Recycling & E-Mobility Dr. Noah Liu, <i>Rianion</i>	Maximize Resin Quality and Yield with In-Line, Off-Line, and Lab Pellet Inspection and Sorting David Citron, <i>Inspec.Tech</i>
3:15	Enhancing the Long-Term Thermal Stability of PP/TPO in Interior & Under-the-Hood Automotive Applications Heejung Kwon, <i>SONGWON</i>	Designing for Circularity: Closing the Loop Between Material Science and End-of-Life Reality Kari Bliss, <i>Padnos</i>	Technical, Logistical, and Commercial Challenges of Scaling ELV Recycling Kevin Potrias, <i>Post Plastics Inc.</i>

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4:00	Emerging DBDPE Alternatives for Automotive Applications & the Formulation Impacts Jakub Lison, <i>ICL Group</i>	A Success Story: TPO Made of rPP Dr. Rabeh Elleithy, Ph.D., <i>PureCycle Technologies</i>	Upcycling of Polyolefin Feedstock into Usable Filter Media using Plant-Based Solvents Moni Ghosh, <i>University of Akron</i>
4:30	Balancing Light Stability and Interior Compliance in PP/TPO Using Low-MW HALS Dr. Tad Finnegan & Dr. Lily Liu, <i>BASF Corp.</i>	Sustainable Fibers for Enhancing the Functionality of Thermoplastics David B. Boone, <i>JRS Fibers</i>	Simulation-Driven Sustainability: Enabling Recycled Materials, Lightweighting, and Process Optimization Anand Bora, <i>Moldex3D</i>

5:00 **CONFERENCE ENDS**