		Sunday Afternoon (Salon C) Mark Demark Memorial Tutorial Lecture Series Pal Arjunan, Eureka--Globchem	Monday Morning (Salons A and B) Welcome (8:00) and Plenary Fernando Cevallos-Candau, Conference Chair Clifford Lee and Luyi Sun, Moderating
		12:30: 3D Printing in Polyolefins, Prof. Roberto (Gobet) Avincula, Case Western University	8:15: Polyolefins: A Love Story - Bill Shireman, Future 500 CEO, San Fransisco, CA
		1:30: PP Sustainability, John M. Layman, P&G	9:00: Borealis Technology Solutions for a Circular Economy – Daniel Rondelez, Borealis (UK)
		2:30: PO Sustainability Measures, Jill Martin, Dow Chemical	9:30: Break
		3:30: Afternoon Break	10:30: SASOL Polymers in US: The World is Flat - Louis Snyders, SASOL
		4:00: ASTM Testing, Paul O'Connel, Dow Chemical	11:00: PE and PP Challenges ahead for Global Producers, Joel Morales Jr., IHS Markit
			11:30: Quantitative Interfacial Strength in Coating and Laminates - Hung-Jue Sue, Texas A&M Univ.

		Salon A Polymer Modifiers and Additives (Hayder Zahalka, SI Group)	Salon B Advances in Catalysis (Alma Dzudza and Amaia Montoya, W. R. Grace)	Salon C Films and Packaging (Judy Webb, Sasol)	Salon D Design for Sustainability (Mridula (Babli) Kapur, Dow Chemical)
Monday Afternoon	1:30	A 30 Year Retrospective of BASF Antioxidants for Polyolefins; 1990-2020 Rick King, BASF	LyondellBasell Advancing Catalyst Technology and Sustainability Stephen Davis, LyondellBasell	Packaging that Sells Emily Curry, Michelman	Commercializing Recyclable Plastic Packaging – A Journey of Discovery Larry Effler, Dow Chemical
	2:00	Effects of Molecular Weight of Thermoplastic Fluorinated PPA on Various Melt Index LLDPE David Seiler Sr., Arkema	Spherical MgE Support for Ziegler Natta Catalysts Bodo Richter, Evonik Resource Efficiency GmbH	Processing-Property relationships for polyethylene blown films using six factor statistical modeling - Mubashir Qamar Ansari, Dow Chemical	Improving Physical Properties in Sustainable TPE's through Incorporation of a Transient Network – Megan Robertson, U. of Houston
	2:30	The Next Generation of Non-Alkylphenyl Polymeric Phosphites: Increased Phosphorus and Performance Michael Jakupca, Dover Chemical	Polypropylene Catalyst and Process Technology-Advancing Sustainability Amaia Montoya, W.R. Grace	Celanese EVA& LDPE Resins for Flexible Packaging Applications Nagarjuna Palyam, Celanese	The Role of Mechanical Recycling in the Circular Economy for Polyolefins John Dorgan, Michigan State University
	3:00	Afternoon Break			
	4:00	Plastic Additives, Fit for Use in Sensitive Applications, Safe Pure Transparent Tracey Malone, BASF	2-PHENYL INDOLE.TiCl3. A modifier and a propylene polymerization catalyst Gregory Arzoumanidis, Oakwood Consulting, Inc	Are We Ready for EPP's Expanding Market Based on Rapidly Decreasing EPP Price? Chul Park, U. of Toronto	Biomass-based Renewable Polymers -" A Pathway to a Sustainable Future" Joshua Yuan, TAMU
	4:30	Creating High-Value Added Glass Fiber Reinforced Polypropylene via Polymer Additives Technology Yota Tsuneizumi, Adeka Corporation	Automated high throughput in silico reaction screening for design of enhanced reactivity Thomas Mustard, Schrodinger	SKGC, Solution Provider for Sustainable and Functional Flexible Multilayer Packaging Doh-Yeon Park, SK Innovation	Produce Rescue Center: A Working Model for Plastics Circular Economy - Carmelo Declet-Perez (Dow Chemical) & John Kreger (MCFB)
	5:00	Interactions Between Sorbitol Nucleator and other Common Additives in Polypropylene Olivier Nguon, Sulis Polymers	Ionic liquids: Next generation polyolefin catalysts Peter Hanik, Pretium Innovation	Recent Advancements in Incorporating Post-Consumer recycled PE for Packaging Applications Yongchao Zeng, Dow Chemical	
	5:30	Toughness, Stiffness and Transparency Control of PO Containing Nanofibrils Jinchuan Zhao, University of Toronto			
	5:30	**Reception in Donatello Room (upstairs)**			

		Salon A Polymer Modifiers and Additives (Rick King – BASF)	Salon B Plastics Recycling (Donna Davis – ExxonMobil)	Salon C Advances in Process Technology (Wen Li – ExxonMobil)	Salon D Enhancement of properties for Polyolefin Applications (Rajen Patel – Dow Chemical)
Tuesday Morning	8:00	Beyond Antioxidants: Using Microcompounding to Evaluate Stabilizer Systems in Polypropylene Niall Marshall, Everspring Middle East	Overview of the Current Plastic Recycling Landscape Manuel Prieto, McKinsey	Polymerization Reaction Engineering: A Tool to Keep Polyolefins Relevant in the 21st Century Joao Soares, U. of Alberta	Surface Characterization of Polyolefins Modified by Surface Initiated Radical Polymerization Atsushi Takahara, Kyushu University
	8:30	Talc as Antiblocking in LLDPE: Evaluation of Performance in LLDPE Films of Talc versus other Minerals Ercoli Malacari Piergiovanni, Imi Fabi Spa	Chemical Recycling: Upcycling of End-of-Life Plastics Carlos Monreal, Plastic Energy	Study of the impact of Induced Condensing Agents on ethylene polymerization in gas phase reactors Amel Ben Mrad, C2P2 Laboratory	Stochastic Estimation of the Lifetime of Polyethylene Pipe with Arbitrarily located Defects Byong-Ho Choi, Korea University
	9:00	Enhanced Stabilization System for Polyolefin Water Pipes Jungdu Kim, SONGWON	From Plastics Waste to Certified Circular Polymers Matt Morrison, SABIC	Polyolefin Molecular Simulation for Critical Physical Characteristics Andrea Browning, Schrödinger	Leverage Materials Science to Frozen Food Packaging Jong-Young Lee, Dow Chemical
	9:30	Break			
	10:30	Analytical Technology to Meet the Challenges of a Sustainable Plastics Economy Robert Bruell, Fraunhofer LBF	Creating Feedstocks from Plastic Waste for a Sustainable Circular Economy Future Adrian Griffiths, Recycling Technologies	Predicting Molecular Weight and Composition Distribution for Gas-Phase Polyethylene Products Yan Jiang, ExxonMobil	Scratch Behavior of Polymer Coatings Mohammad Hossain, TAMU-Kingsville
	11:00	Advancements in Stabilization for Polyethylene in Rotational Molding John Sigler, BASF Corporation	Hydrothermal Liquefaction for the Chemical Recycling of Polyolefin Polymers Bill Rowlands, Licella	Application of Sulzer Technologies in the Polyolefins Production Simone Ferrero, Sulzer ChemTech	On characterization of dart impact resistance of thin plastic films Bikramjit Mukherjee, Dow Chemical
	11:30	Evaluation of High Performance Phosphite in PP and HDPE Hayder Zahalka, SI Group	China's Plastic Waste Import Ban : Global & Regional implications Jim Rounick, He-Ro Chemical	New Nano-layer Blown Film Die & "Dry" Water Quench System Henry Schirmer, BBS	New styrenic block-copolymer impact modifiers for TPO compounds Amit Desai, Kraton Polymers LLC
		Lunch (Upstairs in Donatello Room)			

		Salon A Polymer Modifiers and Additives (Hayder Zahalka – SI Group)	Salon B Plastics Recycling (Donna Davis- ExxonMobil)	Salon C 3D Printing (Dave Hansen – SBC Polymers)	Salon C Interfacial Properties of Polyolefin Multiphase Systems (Pavan Valavala – Dow Chemical)
Tuesday Afternoon	1:30	Bio-Based Antimicrobial Additive – Safety with Sustainability Amrita Poyekar, Fine Organics	Recycled Material Standard (RMS) Laura Thompson, GreenBlue / 4 Minutes,LLC	3D Printing of High Performance Polymers and Nanocomposites Rigoberto Advincula, CWRU	Unlock LDPE Architectural Secrets by SEC-MALS Combined with Rheology Youlu Yu, Chevron Phillips Chemical
	2:00	Bioadditives: Renaissance and the latest scope Rudolf Pfaendner, Fraunhofer LBF	Agilyx's Role in Commercial Recovery of Chemical Value in Post-Use Plastics Barry Cavinaw, Agilyx	Heating, Curing, and Welding of 3D Printed Polymer Systems by Locally Induced RF Heating Micah Green, TAMU	Curling in Bi-component Fiber Applications Akanksha Garg , Dow Chemical
	2:30	New Advances in Polyolefin Modifiers Charles Olsen, Savanture LLC	Technology for Ultra-Pure Recycled PP John Layman, PureCycle Technologies	HP Multi Jet Fusion Additive Manufacturing - the Technology and Fit into Production Manufacturing Barbara Arnold-Feret, HP Inc.	Determination of Interfacial Strength in semi rigid laminates Glendimar Molero, TAMU
	3:00	Exhibitor Celebration			
	3:30	Building Sustainability into Additive R&D and Product Portfolios – Zach Adams, Milliken	Developments in End-of-Life Technologies for Multilayer and Barrier Flexible Packaging – Terry Cooper, Argo	Advancements in Large Format 3D Printing - Jason Miller, Cosine Additive	Tie layer adhesion chemistry for multilayer packaging – Mou Paul, Dow Chemical
	4:00	Polyolefin recyclates need novel stabilizer systems Rudolf Pfaendner, Fraunhofer LBF	Recycling Technology for Plastics Including PVC, Polystyrene, Polyolefins, and "Others" Bob Powell, Brightmark Energy	EOS Polymer Laser Sintering: Enabling Applications through New Materials – Cary Baur, EOS	Glass Filled Polypropylene with Improved Heat and Chemical Stability Lili Liu, Geon Performance Solutions
	4:30	Mechanical recycling: Rethinking the additive systems for enhanced recyclability Yvonne Hed, Norner AS	MRFF: Feeding the Recycling Processes with Flexibles via Curbside Collection JP Mascaro, Total Recycling		Fundamentals of Twin-screw Compounding - Effective Mixing, the Key to Product Quality Justyn Pyz, Coperion
	5:00	Influence of additive type and mixing protocol on the properties of LDPE-PA6-blends for films Christoph Burgstaller, TCKT GmbH			
	5:30	Using polymer stabilizers to accelerate plastics into a sustainable and circular economy – Danielle Neu, Solvay			

Dinner on Your Own

		Salon A Polymer Modifiers and Additives (Hayder Zahalka – SI Group)		Salon C Advances in Polyolefin-based Applications (Judy Webb – Sasol)	Salon D Advances in Polyolefin Characterization (Willem DeGroot – Ret.)
Wednesday Morning	8:00	Stabilization of Polymers for a more Circular Economy Robert Sherman, Baerlocher		Compatibilizers to Improve Regrind Utilization and Recycling of Multilayer Barrier Rigid Packaging Hyunwoo Kim, Dow Chemical	Characterization of the Field Failure of Polyethylene Pipe Using Slow Crack Growth Tests Byoung-Ho Choi, Korea University
	8:30	Antioxidant solutions for plastics recycling Hartmut Siebert, Clariant		Recycling and Sustainability : Plastic industry challenges and how to face them Jungdu Kim, Songwon	Quantification of LMWO in Polyolefin Products for Food Packaging and Hygiene Application Shuhui Kang, ExxonMobil
	9:00	New Color Removal Technology For Recycled Polyolefins- Warren Ebenezer, SI Group		Material Options for TPO Waterproofing Membranes Yushan Hu, Dow Chemical	Characterization of Solids Flow Behavior in Degassers and Purge Columns Jay Khambekar, Jenike & Johanson
	9:30	**Break**			
	10:00	Improved polypropylene stabilization with new catalyst neutralizers Donald Beuke, Mitsui Plastics Inc.		Bag-in-Box Liquid Packaging Solutions Patrick Thomas, PR Thomas Technologies, LLC	Modern Analytics: Making Polyolefins Perform Robert Bruell, Fraunhofer LBF
	10:30	Deformulation & Failure Analysis of Apparently Similar Polymers Using Multiple Modes of Pyrolysis GC Rojin Belganeh, Frontier Lab		Create Sustainable Flexible Packaging sSolutions, Together Mosha Zhao, ExxonMobil	Separating effective high density polyethylene segments from olefin block copolymers Yongfu Li, Dow Chemical
	11:00	Novel Methylated and N-Alkoxy Hindered Amine Stabilizers For Polyolefins Rob Lorenzini, Maroon Group		Production of controlled-rheology poly(1-butene) resins through reactive processing Costas Tzoganakis, U. of Waterloo	Thermodynamic Interactions in Blends of Poly(ethylene-co-ethyl ethylene) and 1,4-Polyisoprene Xuejian Chen, U. of Houston
	11:30	The importance of chemical stabilization of recycled material for corrugated and conduit polyolefin - Ian Query, Baerlocher USA			Universal Calibration for Polyolefins, Resolution vs Reproducibility, optimizing the balance – David Gillespie, Tosoh USA