



AMI Plastics World Expos NORTH AMERICA

November 13-14, 2024
CLEVELAND, OH, USA

 **COMPOUNDING**
WORLD EXPO

 **PLASTICS RECYCLING**
WORLD EXPO

 **PLASTICS EXTRUSION**
WORLD EXPO

 **POLYMER TESTING**
WORLD EXPO

Conference Program Schedule



DAY 1 - NOVEMBER 13, 2024

9:30 AM - 10:00 AM	KEYNOTE: Global PFAS challenges - identifying exposure and risks Ruxandra Cana, Partner, Steptoe	DEBATE
10:10 AM - 10:30 AM	Solving the challenges of PHA compounding with continuous mixing technology Dr. Peng Ye, Application Development Manager, Farrel Pomini	
10:40 AM - 11:00 AM	Real-time monitoring of polymer blend extrusion using in line process Raman analyzer Dr. Lucivan Barros, Senior Applications Scientist, Thermo Fisher Scientific	
11:10 AM - 11:30 AM	Pursuing partial TiO₂ independence with a new white pigment in injection molded thermoplastic compounds Dr. Lifeng Chen, Principal R&D Scientist, US Silica	
11:45 AM - 12:30 PM	PANEL DISCUSSION: The future for vinyl compounds Moderator: Andy Beevers, Director, Events and Magazines, AMI Panelists: Lou Brandewiede, Director of Technology- Rigid PVC, Aurora Material Solutions Mike Patel, Director of Marketing, Teknor Apex Ralph Purtell, Chairman & Manager, Purtell Vinyl Consulting Tribu Persaud, Director, Norwich Plastics	
1:30 PM - 2:00 PM	TRAINING SEMINAR: Simulation as an effective tool for scale up in co-rotating twin extrusion compounding Luis Roca Blay, Leader of Compounding, AIMPLAS	
2:10 PM - 2:30 PM	Developing and applying polymer processing additives that are free from PFAS Tom Inch, Market Manager Thermoplastic Additives, BYK USA	
2:40 PM - 3:00 PM	Using the adaptability of planetary roller extruders to handle complex compounding and reaction processes Michael Batton, Overseas Sales Manager & Process Engineer, ENTEX	
3:10 PM - 3:30 PM	From concept to delivery - developing new products to meet customer trends Emily Fisher, R&D Chemist, Holland Colours Americas	
3:45 PM - 4:30 PM	INDUSTRY DEBATE: The future for concentrates Moderator: Dr. Hanne Jones, Senior Consultant, AMI Speakers: Doreen Becker, Global Director of Sustainability, Ampacet Dr. Derek Hepburn, Group Technical Director, Colloids O. Ege Onar, Director of Business Development, Mine Colours	DEBATE

DAY 2 - NOVEMBER 14, 2024

9:30 AM - 10:00 AM	KEYNOTE: Identifying the key trends and opportunities shaping the concentrates market Dr. Hanne Jones, Senior Consultant, AMI	DEBATE
10:10 AM - 10:30 AM	Separation and segregation issues in PVC compounding applications Todd Baker, V.P. of Innovation, Horizon Systems	
10:40 AM - 11:00 AM	Sustainable additive solutions for electric vehicles Carolyn Pressley, Head of Sales Americas, Budenheim	
11:10 AM - 11:30 AM	Closed-loop in-line color correction automation when using PCR & PIR resins Douglas A. Brownfield, Commercial Director - LIAD Smart, Ampacet	
11:45 AM - 12:30 PM	PANEL DISCUSSION: The future for technical compounds Moderator: Andy Beevers, Director, Events and Magazines, AMI Panelists: Bob Powers, Technical Manager, Star Plastics Dr. A.J. Pasquale, Co-Founder and Director of Operations, Insight Polymers & Compounding Scott Anderson, President & COO, Polymer Resources	
1:30 PM - 2:00 PM	TRAINING SEMINAR: Twin screw extrusion simulation: get a well-balanced use of 1D and 3D modelling for increasing the process efficiency and lowering the tests costs Laurent Ratte, Sales Manager, Sciences Computers Consultants	
2:10 PM - 2:30 PM	Process and technology for crosslinking polymer pellets in rotary soaking drums Herwin Santos, General Manager, Lindor	
2:40 PM - 3:00 PM	Phosphites for the modern age - a new era in efficiency and sustainability Quinn Braun, Polymer Applications Chemist, Dover Chemical	
3:10 PM - 3:30 PM	Effective processing aid to enhance melt strength of clear PLA without increasing melt viscosity Dr. Yuzhen Yang, Senior Technical & Market Development Manager, Kaneka North America	
3:40 PM - 4:00 PM	Advancing thermoplastics and thermosets with innovative graphite and graphene technologies Dr. John Swanson, R&D Director, NeoGraf	

DAY 1 - NOVEMBER 13, 2024

9:30 AM - 10:00 AM **KEYNOTE: Analyzing the latest trends in plastics recycling markets**
Elizabeth Carroll, Recycling and Sustainability Consultant, AMI

10:10 AM - 10:30 AM **Efficient plug flow polymerization and dissolution recycling**
Erik Wielang, Regional Sales Manager - NAM, Sulzer Chemtech

10:40 AM - 11:00 AM **Innovative software technologies for sustainable waste management**
Roger Barlow, CEO & Founder, Diversys

11:10 AM - 11:30 AM **Film washing - how to achieve the lowest residual humidity for the highest extruder performance**
Alessandro Chiarion, Sales Manager, Tecnofer

11:45 AM - 12:30 PM **PANEL DISCUSSION: New directions: How will proposed and implemented legislation affect plastics recycling in North America**
Moderator: David Eldridge, Editor, Plastics Recycling World, AMI
Panelists:
Hendrik Dullinger, VP Business Development, EFS Plastics
Josephine Hsu, Associate, Keller and Heckman
Shannon Crawford Gay, Director, Recycling & Environmental Policy, WM

DEBATE

1:30 PM - 1:50 PM **Benefits & challenges of filter cleaning in post consumer recycling applications**
Heather Bass, VP & GM - Process Equipment Cleaning, Carolina PEC

2:00 PM - 2:20 PM **Implementing recycling technologies for rigid polyolefins - case studies of recent installations**
Gordon Olsen, Director of Sales, AMUT North America

2:30 PM - 2:50 PM **Improve and increase the recycled content in your products using reactive masterbatches**
Henrik Bernquist, Business Manager, Nexam Chemical

3:00 PM - 3:20 PM **Improving PCR pellet quality**
Günther Klammer, CTO, Next Generation Recycling Maschinen

3:30 PM - 4:15 PM **PANEL DISCUSSION: Encouraging collaboration: how public and private sectors can work together to increase plastics recycling**
Moderator: David Eldridge, Editor, Plastics Recycling World, AMI
Panelists:
Joe Rooney, Investment Partner, Arsenal Capital Partners
Shari Jackson, Director, Plastics Sustainability, American Chemistry Council
Tony Rossi, Chief Sales Officer, TerraCycle

DEBATE

DAY 2 - NOVEMBER 14, 2024

9:30 AM - 10:00 AM **KEYNOTE: Empowering a transformative pathway to sustainability: the impact of collaborative partnerships and complementary recycling technologies**
Adam Wozniak, Senior Managing Director of Sustainability, Ravago

10:10 AM - 10:30 AM **Innovative high-capacity granulation systems for post-consumer plastics recycling**
Giorgio Santella, CEO, CMG Granulators

10:40 AM - 11:00 AM **Advancing sustainability: utilizing recycled LLDPE in flexible food packaging**
Tammy Rucker, Vice President of Sustainable Materials, Revolution

11:10 AM - 11:30 AM **Improving the impact properties of recycled polypropylene by melt blending with performance modifiers**
Speakers:
Henrique Noguchi, Technical Service and Development Manager, Milliken & Company
Rabeh H. Elleithy, Director of Product Technology, PureCycle

11:40 AM - 12:00 PM **Less length, more melt - new energy-efficient technology for improving recycled pellet quality**
Robert Wahlmüller, CEO, Erema

12:10 PM - 12:30 PM **Extrusion recycling with color control**
Paul Martin, Extrusion Expert, KraussMaffei

1:30 PM - 1:50 PM **Materials handling systems for plastics recycling - how to optimize storage, deodorization, homogenization, and blending**
Joaquin Remus, Market Manager Performance Materials, Zeppelin Systems

2:00 PM - 2:20 PM **Upcycling to the next level**
Thomas Lehner, Area Sales Manager, MAS America

2:30 PM - 2:50 PM **TRAINING SEMINAR: Where does plastics dust come from and why is it important to keep your facility clean**
Lonnie Glen, RSM Technical Support, Kice Industries

3:00 PM - 3:45 PM **PANEL DISCUSSION: Exploring how packaging design and material selection can aid recycling**
Moderator: David Eldridge, Editor, Plastics Recycling World, AMI
Panelists:
Scott Saunders, General Manager, KW Plastics
Treijon Johnson, Sustainability Director, Accredo Packaging
Zach Muscato, Corporate Sustainability Manager, Plastic Ingenuity

DEBATE

DAY 1 - NOVEMBER 13, 2024

9:30 AM - 10:00 AM	How to maximize the value of your plastics processing operations Thomas Blaige, CEO & Chairman, Blaige & Company, Blaige Industry Analytics	
10:10 AM - 10:30 AM	Optimizing profile extrusion with automated stacking and packaging technologies Jeremy O'Brien, General Sales Manager, Exelliq	
10:40 AM - 11:00 AM	Mastering purging techniques - enhancing efficiency in the extrusion industry Lenny Gutierrez, Technical Sales Representative, Asaclean - Asahi Kasei Plastics North America	
11:10 AM - 11:30 AM	PCR and stretch film - an OEM's point of view Mark Jones, Director Support Services North America, SML Extrusion Lines	
11:45 AM - 12:30 PM	PANEL DISCUSSION: Future for flexible packaging Panelists: Chris Giles, Vice President & General Manager, Valeron Desmond VanHouten, Senior Marketing Manager, Amcor Natarajan Ramesh, Senior VP - Polymer Technology, Revolution Company	DEBATE
1:30 PM - 1:50 PM	How to reduce material costs and enhance properties using microcellular foam extrusion with N2 and CO2 Andy Kaufman, President, Promix Solutions	
2:00 PM - 2:20 PM	Making the cut - should you be using a saw or a hot-knife cutter on your extrusion line? Gerry Lamorte, Service Manager, Custom Downstream Systems	
2:30 PM - 2:50 PM	Using advanced manufacturing to improve the performance, durability and efficiency of extrusion barrels Cheryl Sayer, Chief Technology Officer, Xaloy	
3:00 PM - 3:20 PM	Exploring advances in extrusion technology for sheet systems Gerard Sposato, Senior Sales Engineer - Sheet, Foam and Reprocessing Group, Davis-Standard	
3:30 PM - 4:00 PM	TRAINING SEMINAR: Enhancing plastics extrusion efficiency with predictive maintenance Andrew Roberts, Senior Solutions Architect, AssetWatch	SEMINAR

DAY 2 - NOVEMBER 14, 2024

10:10 AM - 10:30 AM	Digitalization in the extrusion industry: what is the optimum approach? Onur Özden, CEO, Erkinel	
10:40 AM - 11:00 AM	The value of investing in technologically advanced equipment Kane Rasner, President, Advanced Blending Solutions	
11:10 AM - 11:30 AM	Heavy gauge sheet extrusion - optimizing process and sustainability outcomes Tom Limbrunner, VP Applications and Technology, PTI Processing Technologies International	
11:45 PM - 12:30 PM	PANEL DISCUSSION: Future for plastic pipes Panelists: Emil Pieski, Engineering Manager, PolyPipe USA Kevin Copher, VP Engineering & Product Development, Blue Diamond Industries Kristen Rinehart, VP/General Manager - Recycling, ADS Pipe	DEBATE
1:30 PM - 1:50 PM	Understanding and eliminating roll-face deflection 1:30 PM - 1:50 PM Kevin Sheldon, President, USA Rolls	
2:00 PM - 2:20 PM	Bespoke blown film configuration - the game changer Vijay Shankar, Vice President - Extrusion, Mamata Machinery	
2:30 PM - 2:50 PM	Implementing melt pumps and continuous filters to optimize the extrusion of materials with high recycled content Steven Gibson, Sales Engineer, PSI-Polymer Systems	
3:00 PM - 3:45 PM	PANEL DISCUSSION: Impact of PFAS in food contact legislation Panelists: Jay West, Senior Director, Chemical Products and Technology, American Chemistry Council Kathryn Skaggs, Partner, Keller and Heckman Tom Lee, Office Managing Partner and PFAS Team Leader, BCLP Law	DEBATE

DAY 1 - NOVEMBER 13, 2024

- 9:30 AM - 9:50 AM** **Recycling of waste electronics and electrical equipment**
Speakers:
Margaret Baumann, Outreach Chair, Performance Polymers and Additives / Pinfa NA
Roger Avakian, Owner, Avakian PolyChem Consulting
- 10:00 AM - 10:20 AM** **Advancing plastics identification and quantification in industrial recycling with thermal analysis**
Dr. Alec Redmann, Sector Manager - Polymers, Netzsch Instruments
- 10:30 AM - 10:50 AM** **Technology focus - using graphene-enhanced masterbatch to boost key polymer properties**
Michael Edwards, Chief Operating Officer & Director, Black Swan Graphene
- 11:00 AM - 11:20 AM** **Automated intrinsic viscosity measurement to ensure the performance of recycled plastics**
Dr. David Trowbridge, Senior Polymer Chemist, Cannon Instrument
- 11:30 AM - 11:50 AM** **Developing an organic, PFAS-free alternative to fluorine-based processing aids**
Frank Neuber, Technical Field Specialist, Clariant
- 12:00 PM - 12:20 PM** **Importance of viscosity measurement for global PET recycling: relevant norms and suitable instrumentation**
Dr. Jürgen Grebner, Sales Manager, LAUDA-Brinkmann
- 12:30 PM - 12:50 PM** **Reimagining plastics processing: Leveraging the proven efficiency of continuous mixers for modern innovation**
Slayton Altenburg, Application Specialist, TPEI
- 2:00 PM - 2:20 PM** **Comparison of plastic bags by using GC-High-Resolution mass spectrometry and artificial intelligence powered software**
Dr. Kirk Jensen, MS Applications Chemist, Jeol USA
- 2:30 PM - 2:50 PM** **The first tailor-made solutions for NIR recycling black plastic**
Jesus Picher Rodriguez, Global Head of Sales, Alfarben
- 3:00 PM - 3:20 PM** **Thermal analysis of polyamide gears produced with increasing levels of recycled material**
Dr. Andrew Janisse, Applications Engineer, TA Instruments
- 3:30 PM - 3:50 PM** **Full scale solution for efficient recycling of flexible films**
Glenn Mersky, North American Sales Manager - Recycling, Coperion
- 4:00 PM - 4:20 PM** **Using glass flake to control warpage and to replace PTFE as a drip suppressant**
Speakers:
Liz Gershon, North American Business Manager, Dreytek
Roger Avakian, Owner, Avakian PolyChem Consulting

DAY 2 - NOVEMBER 14, 2024

- 9:30 AM - 9:50 AM** **Continuous inline process monitoring with inline spectroscopy in polymer extrusion**
Speakers:
Frank Koger, Regional Representative, Sales & Customer Service, ColVisTec
Fuat Eker, Director of Sales, Marketing and Customization, ColVisTec
- 10:00 AM - 10:20 AM** **Developing a test method for accelerating the prediction of fatigue life stresses on different polymers**
Miguel Ángel Mafe, Material Characterization and Testing Researcher, AIMPLAS
- 10:30 AM - 10:50 AM** **Mitigating the degradation of polymers during mechanical recycling using bio based slip additives**
Emile Homsí, R&D Leader NAM/LATAM, Cargill Bioindustrial
- 11:00 AM - 11:20 AM** **The role of AI in materials development: applications in materials science, challenges and growth outlook**
Dr. Sadjad Fakouri-Baygi, Director of Data Science and Artificial Intelligence Arsenal Capital Partners, Aropha
- 11:30 AM - 12:00 PM** **TRAINING SEMINAR: Scientific process documentation - the foundation of quality assurance for plastics processors**
Daniel Stephens, Vice President, Routsis Training
- 12:10 PM - 12:30 PM** **Making the most of advances in batch mixing technology - Improving flexibility, reliability, scalability and efficiency**
Ed Ford, National Sales Manager, MIXACO USA
- 1:30 PM - 1:50 PM** **Our recycled-grade nylon 6 product: Delivering the same performance with smaller carbon footprint**
Dr. Tom Clark, Technical Marketing Leader, AdvanSix
- 2:30 PM - 2:50 PM** **TGA-GC/MS coupling: Quantification of low-content styrene-butadiene rubber in natural rubber**
Dr. Caleb McDonald, Technology & Applications Consultant, Mettler Toledo
- 3:00 PM - 3:20 PM** **Biodegradable additives and their place in a sustainable economy**
Stephen Andero, Director of Supply Chain and Business Development, BIO-TEC
- 3:30 PM - 3:50 PM** **Optimizing recycled resin with functionalized polyolefins, processing aids and other modifiers**
Jim Norris, Market Development Manager, Palmer Holland

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