



AMI Plastics World Expos NORTH AMERICA

November 15-16, 2023 // CLEVELAND, OH, USA



CONFERENCE PROGRAMS



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THEATER 1: DAY 1

9:30 AM - 10:00 AM **KEYNOTE: Analyzing the global concentrates market to identify trends and opportunities**
Dr. Hanne Jones, Senior Consultant, AMI

10:15 AM - 11:00 AM **BUSINESS DEBATE: Discussing the future of the concentrates industry**
Moderator: Dr. Hanne Jones, Senior Consultant, AMI
Speakers
Kyle Skaggs, CEO, Color Master
Onur Ege Onar, Managing Partner/District Manager - U.S, Mine Colours
Shruti Singhal, President & CEO, Chroma Color Corporation

DEBATE

11:10 AM - 11:30 PM **Seven easy purging tips for compounding and extrusion**
Lenny Gutierrez, Technical Sales Representative, Asaclean Purging Compounds (Asahi Kasei Plastics North America)

11:40 AM - 12:00 PM **Extending performance possibilities with a new grafted polymer**
Tom Inch, Market Manager Thermoplastic Additives, BYK USA

12:10 PM - 12:30 PM **Playing our cards - overcoming the challenges of using recycled material and complying with regulations**
Shawn Cook, Technical Manager - Plastic Additives, Dover Chemical Corporation

1:40 PM - 2:00 PM **Mapping out a more sustainable future - a plastics distributor's point of view**
Sam Sullivan, Market Manager, Palmer Holland

2:10 PM - 2:30 PM **Improving carbon black conductivity in polymer compounds by optimizing processing conditions**
Dr. Zhenpeng Li, Polymer Scientist / Team Leader, Birla Carbon Black USA

2:40 PM - 3:00 PM **Using glass-flake additives for improving dimensional stability and as a potential fire retardant synergist**
Liz Gershon, North American Business Manager, Dreytek

3:15 PM - 4:00 PM **INDUSTRY DEBATE: Discussing the future of cable compounds**
Moderator: Andy Beevers, Director, Events and Magazines, AMI
Speakers
Dr. Sathish Kumar Ranganathan, Director - R&D, Innovation & Sustainability, Prysmian Group
Mike Patel, Director of Marketing, Teknor Apex
Dr. Laura Reyes, Regional Material Compound & Development Senior Manager, COFICAB Americas
Tim Hannigan, Senior Product Engineer, TPC Wire & Cable

DEBATE

THEATER 1: DAY 2

9:30 AM - 10:00 AM **KEYNOTE: Removing the blindfold in polymer processing: real time, on-line rheological and chemical analysis of polymer melts in extrusion operations**
Dr. João Maia, Professor, Macromolecular Science & Engineering, Case Western Reserve University

10:15 AM - 11:00 AM **BUSINESS DEBATE: Discussing the future of technical compounding**
Moderator: Jennifer Markarian, Contributing Editor, Compounding World
Speakers
Jean Sirois, MD of Strategic Planning and Acquisitions/GM Canada, RTP Company
Lorenzo Ferro, North America Country Manager and VP Sales & Marketing, Sirmax
Taehwan Kim, Senior Manager, Technical Service and CAE, PRET Advanced Materials
Kaan Serpersu, Product Development and Sustainability Manager, Techmer PM

DEBATE

11:10 AM - 11:30 PM **What to consider when processing functional additives, fibers, and fillers**
Slayton Altenburg, Application Specialist, TPEI

11:40 AM - 12:00 PM **High-melt-flow nylon for challenging engineering plastics applications**
Henry Teng, Lead Engineer, AdvanSix

12:10 PM - 12:30 PM **Transforming twin-screw extruders into producers of 3D printing filaments**
Dr. Lucivan Barros, Senior Applications Scientist, Thermo Fisher Scientific

1:30 PM - 1:50 PM **Using natural MDH and polar wax in flame-retardant TPO roofing membranes to improve performance and ageing resistance**
Dr. Camillo Cardelli, Industrial Chemist, Gehring-Montgomery

2:00 PM - 2:20 PM **Solutions for electrostatic control using new permanent type antistatic agents**
Dr. John Mara, Technical Director, Amfine Chemical Corporation

2:30 PM - 2:50 PM **How laser-cladding technology can improve the abrasion resistance of processing equipment**
Natalia Fulton, Project Development Manager, Technogenia Lasercarb Oklahoma

3:00 PM - 3:45 PM **INDUSTRY DEBATE: Discussing the future of vinyl compounding**
Moderator: Jennifer Markarian, Contributing Editor, Compounding World
Speakers
Richard Krock, Principal, VyChlor Advisors
Tribu Persaud, Director, Norwich Plastics

DEBATE

THEATER 2: DAY 1

9:30 AM -
10:00 AM

TRAINING SEMINAR: How to reach optimized mixing efficiency for polymer processing in twin-screw extruders

Laurent Ratte, Sales & Marketing Manager, Sciences Computers Consultants

SEMINAR

10:10 AM -
10:30 AM

Making films of a lifetime: a stabilization story

Emilie Meddah, Technical Business Development Manager, Clariant Corporation

10:40 AM -
11:00 AM

Organo-modified siloxanes as replacements for fluoroelastomer polymer processing aids

Chris Roland, Technical Expert - Compounds, Evonik

11:10 AM -
11:30 AM

Can you automate dust safety?

Jordan Newton, Chief Operating Officer, SonicAire

11:40 AM -
12:00 AM

Next level underwater pelletizing- advancements to solve your pelletizing challenges

Jon Carlson, Director of Sales, ECON

1:00 PM -
1:30 PM

TRAINING SEMINAR: Effective purging for scientific molders - best practices in purging techniques & procedures

Daniel Stephens, Vice President, Routsis Training

SEMINAR

1:40 PM -
2:00 PM

Automation strategies that increase throughput

Jimmy Ganstrom, Account Manager, NorthWind Technical Services

2:10 PM -
2:40 PM

Recycling plastics with the twin screw extruder - challenges and solutions for mechanical recycling

Cameron Kheradi, Director of Process Technology, Coperion

2:40 PM -
3:00 PM

Nylon recycling: a circularity story

Maria Field, Business Director, Circular Polymers by Ascend

3:10 PM -
3:30 PM

The advantages of processing recovered carbon black on a continuous mixer

Dr. Peng Ye, Sales Support Manager, Farrel Pomini

THEATER 2: DAY 2

9:30 AM -
10:00 AM

TRAINING SEMINAR: Preventative maintenance and component wear theory for twin-screw compounding extruders

Bill Novak, Product Manager, Leistritz Extrusion

SEMINAR

10:10 AM -
10:40 AM

Decarbonizing plastics processing through energy-efficient moving-bed heat exchange technology

Jill Caskey, Global Sales Director, Solex Thermal Science

10:40 AM -
11:00 AM

De-chlorination of PVC in mixed plastics using a planetary roller extruder prior to the pyrolysis recycling process

Michael Batton, Overseas Sales Manager & Process Engineer, Entex

11:10 AM -
11:30 AM

Organotin stabilizer selection and use for controlling PVC rheology

Bob Smith, Manager Technical Services, PMC Organometallix

11:40 AM -
12:00 AM

Sustainable carbon blacks for UV-resistant polyethylene applications

Scott Brewer, Senior Technical Market Manager, Orion Engineered Carbons

1:00 PM -
1:30 PM

TRAINING SEMINAR: Advantages of the RingExtruder technology for PET recycling

Daron Fraim, Senior Process Engineer, CPM Extrusion

SEMINAR

1:40 PM -
2:00 PM

Researching synergists for drip suppression, including alternatives to PFAs such as PTFE

Margaret Baumann, Outreach Chair, Pinfa North America / Performance Polymers and Additives LLC

2:10 PM -
2:30 PM

Overcoming common challenges when compounding recycled materials

Megan Dyer, Process Engineer, ENTEK



DAY 1

9:30 AM - 10:00 AM **Latest developments in the mechanical and chemical recycling landscape.**

Elizabeth Carroll, Recycling and Sustainability Consultant, AMI

10:15 AM - 11:00 AM **INDUSTRY DEBATE: How to achieve a plastics circular economy in the US: Guaranteeing supply, demand and economic viability**

Moderator: David Eldridge, Editor, Plastics Recycling World, AMI

Speakers

Nicholas Kolesch, Vice President for Projects, Alliance to End Plastic Waste

Pete Keller, Vice President of Recycling and Sustainability, Republic Services

Scott Saunders, General Manager, KW Plastics

Tamsin Ettefagh, Chief Sustainability Officer/EVP Commercial, Purecycle Technologies

DEBATE

11:10 AM - 11:30 AM **How an evolving recycling market has driven size reduction technology**

Dana Darely, Sales Manager, Vecoplan

11:40 AM - 12:00 AM **Recycling flexible plastics: achieving sustainability through collaboration with sorting centres and product manufacturers.**

Lucie Li, Vice-President Operation, Modix Plastique Inc.

12:10 PM - 12:30 PM **Optimizing PCR pellet quality: Technological innovations for a new era of post-consumer recycling**

Robert Wahlmueller, CEO, Erema North America Inc.

1:30 PM - 1:50 PM **What do you know about double filtration and why would you need or choose double filtration?**

Ludovic Pitrois, North American Sales Manager, Fimic

2:00 PM - 2:20 PM **Capturing plastic films: The advantages of optical film sorters in recycling**

Nolan Lamb, Waste Market Manager, Steinert US

2:30 PM - 2:50 PM **Case studies of the integrated mechanical and chemical recycling of ocean-bound and hygiene-grade plastics**

Kian Seah, Founder and CEO, HHI

3:00 PM - 3:45 PM **INDUSTRY DEBATE: Plastics in packaging: environmental challenge or environmental solution?**

Moderator: David Eldridge, Editor, Plastics Recycling World, AMI

Speakers

Adam Wozniak, Senior Manager - Sustainability, Ravago - AMCO

Kevin Cronin, VP, Sustainability and R&D, Ultra-Poly

Lisa Huett, Director of Sustainability, Pretium Packaging

DEBATE

4:00 PM - 4:30 PM **Ensuring a traceable supply chain with blockchain technology**

Benjamin Lavoie, CEO, Plastic Bank

DAY 2

9:30 AM - 10:00 AM **Smarter selection: a guide to increasing the use of recycled plastics in packaging**

Tammy Rucker, Vice President of Sustainable Materials, Revolution

10:10 AM - 10:30 AM **Utilizing software solution stacks to solve challenges in new sustainable industries, namely the green chemicals value chain**

Speakers

Nousha Tayefeh, Green Chemicals Business Development Manager, Emerson

Vigen Biglari, Director of Process Systems & Solutions Business, Cornerstone Controls, An Emerson Impact Partner

10:40 AM - 11:00 PM **Reactive Recycling - A Novel Upcycling Technology**

Henrik Bernquist, Business Manager, Nexam Chemical AB

11:10 AM - 11:30 PM **Novel, biobased IR reflective pigment for enhanced recycling of black plastics**

Phillip Brunner, VP of Research, Development, and Commercialization, BioRegion Technology

11:40 PM - 12:00 PM **Unlocking community driven recycling: How technology is creating change in local communities**

Brian Schmatz, Senior Manager - Business Development and Sales, trinamiX

12:10 PM - 12:30 PM **Energy efficient, high capacity, recyclers grade plastics granulators**

Giorgio Santella, Managing Director, CMG Granulators

1:30 AM - 2:15 AM **INDUSTRY DEBATE: Discussing the role of regulations in promoting plastics recycling.**

Moderator: David Eldridge, Editor, Plastics Recycling World, AMI

Speakers

Daniel Rubenstein, Partner, Steptoe & Johnson

David Nix, President, Green Group Consulting

James Jennings, Deputy Director, Illinois EPA

Lori Carson, Market Development, Phoenix Technologies Intl

DEBATE

2:30 PM - 2:50 PM **Efficient recycling of production waste & specialty polymers - Integrated Shredder Extruder combination**

Manfred Dobersberger, Managing Director & Partner, PURELOOP

3:00 PM - 3:20 PM **Closing the loop with our systems for food contact rPET recycling**

Marcus Vogt, Technical Sales Manager, eFACTOR3

3:30 PM - 3:50 PM **Technical cleaning of filtration systems in PCR processing applications**

Heather Bass, Director of Process Technology, Carolina Filters

DAY 1

9:30 AM - 10:00 AM **KEYNOTE: Revolutionizing the Industry: the future of plastic pipes and emerging trends**

Sarah Patterson, PPI Hydrostatic Stress Board Chair, Plastics Pipe Institute

10:15 AM - 11:00 AM **INDUSTRY DEBATE: Shaping the future of plastic pipes: trends and innovations**

Moderator: Andy Beevers, Director, Events and Magazines, AMI

Speakers

Kola Ayinuola, Manager, Material Science, Advanced Drainage Systems

Sarah Patterson, PPI Hydrostatic Stress Board Chair, Plastics Pipe Institute

DEBATE

11:10 AM - 11:30 AM **Viscosity control in high-viscosity polymer production: innovations in online monitoring**

Debra Hall, President & CEO, Elementale Enterprises

11:40 AM - 12:00 PM **Exploring factors influencing cut lengths: ensuring accuracy and understanding encoder operations**

Gerry Lamorte, Service Department Manager, Custom Downstream Systems

12:10 PM - 12:30 PM **Melt filtration: comparison of screen changer technology**

John Whaley, Vice president of Key Filters Products, Parkinson Technologies

1:40 PM - 2:00 PM **Heat transfer rolls: function, application & design relationships**

Kevin Sheldon, Founder, USA Rolls

2:10 PM - 2:30 PM **Exploring common extrusion die systems for flexible packaging applications**

Andy Svenningsen, Application Engineer, Nordson

3:15 AM - 4:00 AM **INDUSTRY DEBATE: Women in plastics : a vision ahead**

Moderator: Dr. Hanne Jones, Senior Consultant, AMI

Speakers

Dr. Lora Liang, Senior Research Fellow, Azek

Lori Carson, New Market Development Manager, Phoenix Technologies

DEBATE

DAY 2

9:30 AM - 9:50 AM **KEYNOTE: The sustainability factor : recycling & recycled content in the PE films market**

Elizabeth Carroll, Recycling and Sustainability Consultant, AMI

10:15 AM - 11:00 AM **INDUSTRY DEBATE: Exploring the prospects of flexible packaging**

Moderator: Andy Beevers, Director, Events and Magazines, AMI

Speakers

Aldo Mortara, Commercial Director, Vitopel

Yijun Ye, Senior R&D Leader, Avery Dennison

DEBATE

11:10 AM - 11:30 AM **Enhancing quality control and process optimization in pipe and tube extrusion: insights on millimeter wave technology**

Brandy Herrmann, Senior Business Development Engineer, Sikora

11:40 AM - 12:00 PM **Real-time determination and control of melt flow and intrinsic viscosity rate of plastics during an extrusion process using a Viscolindicator**

Ameet Deshmukh, Polymer Applications Engineer, Dynisco

12:10 PM - 12:30 PM **Waste reduction through blending and material handling**

Kane Rasner, President, Advanced Blending Solutions

1:30 PM - 1:50 PM **Are you ready for these paradigm shifts? Measurements: Multi-Axis to 360 degrees. Flaw Detection: 2D to 3Da**

Chad Walker, Product Manager, LaserLinc

3:00 PM - 3:45 PM **INDUSTRY DEBATE: Sustainability in packaging: innovations and solutions**

Moderator: David Eldridge, Editor, AMI

Speakers

Leslie Hushka, Director, Green Dot North America

Treijon Johnson, Sustainability Director, Advance Polybag

DEBATE

DAY 1

- 9:30 AM - 9:50 AM** **Characterizing thermophysical properties of polymers through the melt**
Dale Hume, President, Thermtest
- 10:30 AM - 10:50 AM** **How variation in material can affect characterization and simulation results?**
Jacob Trott, Materials Lab Manager, Beaumont
- 11:30 AM - 11:50 AM** **Comparison of PVC sample degradation between super UV and standard Xenon weathering chambers**
Doug Vermillion, Director, Applied Optix (EYE Lighting International)
- 1:30 PM - 1:50 PM** **NMR and Raman analytical solutions for development, manufacturing and recycling of polymers**
Wendy Nason, Applications Specialist, Magnetic Resonance, Oxford Instruments
- 2:30 PM - 2:50 PM** **3 challenges with melt flow testing**
Stephanie Williams, Senior Product Specialist, Instron

DAY 2

- 9:30 AM - 9:50 AM** **Navigating a new frontier: How environmental standards and policies are impacting the polymer industry**
Travis Johnston, Chief Operating Officer, Aropha
- 10:30 AM - 10:50 AM** **The role of rheology in injection molding: some basic considerations**
Eric Bennett, Rheology Sales Manager: West-MidAtlantic, Netzsch
- 11:30 AM - 11:50 AM** **Accelerated thermal conductivity testing of polymers**
Arya Hakimian, Application Scientist, C-Therm Technologies
- 1:30 AM - 1:50 AM** **Using AI for qualitative analysis of polymers measured by using pyrolysis-GC-high resolution MS**
Dr John Dane, Product Manager, Mass Spectrometry, JEOL USA
- 2:30 AM - 2:50 AM** **Automated intrinsic viscosity delivering critical performance for recycled plastics**
Dr David Trowbridge, Senior Polymer Chemist, Cannon Instrument Company

