

MicroParticles & DeFossilization/Circularity of Plastics

- *Micro-Nano Plastic Particles in our Life*
- *Non-Fossil Feedstocks for Good-Old Plastics in Commercial Phase*

March 10(Tue) – March 11 (Wed) 2026
Peachtree-Midtown Hotel by Marriott
Atlanta, GA 30308, USA

Conference Chairs

Roger Avakian, formerly CTO & Senior Fello, PolyOne, USA
 Dr. Terry Cooper, CEO-Global Polymer Consultants, ARGO Group, UK/USA

WELCOME to Innoplast Solutions 34th conference; 15th on Re-Invention of Plastics!

After 90 years of unmatched benefits to human life, our Plastics Industry has come under scrutiny due to issues threatening the future, namely, (1) Micro-Nano Plastic Particles & Leached Chemicals in our Food Chain, and (2) Detrimental Impact of Plastics on Global Warming and Land -Ocean pollution.

*Radical Innovations are underway in our Polymers/Plastics Industry;
 Join us to witness the future!!!*

March 10 (Tuesday) 2026

7:30 - 8:30 AM Registration & Welcome

Session-I

Micro-Nano Plastic Particles in our Life

Polymer Science & Technology:

Flash-Overview to Get the Most out of This Conference

8:30 -9:30 AM **Summary of Media Reports on Micro-Nano Particles: Facts vs Fiction**

(1)

Dr. Yash Khanna, President, **InnoPlast Solutions**, USA

9:30 – 10:10

(2)

A Special Presentation!

Micro-Plastics in Food:

(a) Measurements and Analytics of Micro-Plastics

(b) Main Findings in Working with Partners in Food Industry

(c) Challenges and What we Know about Toxicological Effects

Dr. Eva C. Vizsolyi, Research Engineer, **OFI Technologies & Innovation**, Austria

10:10 - 10:30

Coffee & Networking

Session-II

Reducing/Eliminating Dependence on Planet-Harming Fossil-Fuels **Alternate Feedstocks for Good-Old Plastics in Commercial Phase**

- 10:30 - 12:00 **Why Plastics Industry Must Go Non-Fossil Route and How ?**
(3) (a) *Compelling Reason #1: Global Warming & Land-Ocean Pollution*
(b) *Compelling Reason #2: Supply Issues in Distant Future*
(c) *Compelling Reason #3: Un-Predictable Pricing*
(d) *Alternate Feedstocks: BioMass+GHG Emissions+HiTech-Recycled Plastics*
(e) *Cost of Alternate Feedstocks: a Non-Issue to Consumers*
Dr. Yash Khanna, President, **InnoPlast Solutions**, USA

12:00 - 1:30 Lunch & Networking

Session-III-A

Re-Invention of Ethylene via Non-Fossil Route

- 1:30 - 2:00 Ethylene; the Largest Volume Building Block for Polymer Industry
(4) **Agricultural Waste-to-BioEthanol-to-BioEthylene**
Kelly Davis, Vice President, **New Energy Blue**, USA
- 2:00 - 2:30 Ethylene; the Largest Volume Building Block for Polymer Industry
(5) **C-Emissions-to-BioEthanol-to-BioEthylene**; other **Circular Chemicals**
Tim Cesarek, CEO, **Synata Bio**, USA
- 2:30 – 3:00 Coffee & Networking
- 3:00 - 3:30 Ethylene; the Largest Volume Building Block for Polymer Industry
(6) **Ethylene has Created Critical Materials; Same from BioEthylene**
(a) Polyethylene (Bio-**PE**)
(b) Ethylene Glycol for Bio-**PET**
(c) Ethylene-Vinyl Acetate (Bio-**EVA**)
(d) Ethylene Dichloride for Bio-**PVC**
Dr. Terry Cooper, CEO-Global Polymer Consultants, **ARGO Group**, UK/USA

Session-III-B

Carbon-Emissions as Feedstock for Plastics Industry; Compounded Impact on Climate

- 3:30 - 4:00 **CaCO₃ Plastic Filler from C-Capture; Making Steel Industry Greener**
(7) Dr. Bill Bryant, Director-Marketing, **CarbonFree**, USA

Session-III-C

BioBased Economy: Certification & Regulatory Update

- 4:00 - 4:30 **Carbon-14 Analysis for Biobased Certification and Regulatory Compliance**
(8) LaToya Mayfield, Account Manager, **SGS Beta**, USA

4:30 - 5:00
(9)

Theme Presentation for Brand-Owner CEO's

**Be a Pioneer in Reducing/Eliminating Fresh-Fossil Feedstock;
Cost Irrelevant to Consumers; Hear Us Why !!!**

(a) *Mechanically Recycled (PCR) Usage vs Cost*

(b) *BioBased & Hi-Tek Recycled Packaging; No Impact on Consumer*

Anthony Marozsan, Director of Sales, **Nuvida Plastics**, USA

Dr Yash Khanna, President, **Innoplast Solutions**, USA

PANEL DISCUSSION

5:00 – 6:00

Cocktail Reception & Networking

March 11 (Wednesday) 2026

Session-IV

Preserve and Respect Material Value via Recycling Plastic Feedstock

9:00-10:00
(10)

Executive Overview !

Plastic Recycling A-to-Z: Sharply Focused Overview

*This presentation will cover the recycling journey from Curbside Pickup to
Processing Steps @ Material Recovery Facilities to End-Users*

Adam Wozniak, Senior Manager-Sustainability, **Blue Polymers**, USA

10:00-10:30

Coffee & Networking

10:30-2:30

**Re-Incarnation of VIRGIN-PLASTICS via High-Tech Recycling:
End-Life-to-New-Life**

(11)

Enzymatic DePolymerization-based Recycling: Building Blocks for **Virgin PET**
Bio-Recycling of PET Waste: Commercial Scale Operation

Dr Bruno Langlois, Director-Tech. & Institutional Partnerships, **Carbios**, France

(12)

DePolymerization-based Carpet-Recycling:
Building Blocks for **Virgin Nylon 6 and **Virgin PET****

Dr. Robert Peoples, Executive Director, **Carpet America Recovery Effort**, USA

(13)

Pyrolysis-based Recycling:
Hard-to-Recycle PE-PP Films into Feedstock for **Virgin Plastics**

Carla Toth, SVP-Corporate Strategy, **Nexus Circular**, USA

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Lunch & Networking

(14)

Solvent-based Recycling: Life-End-to-**Virgin, Ultra-Pure PP**
Turning Plastic Waste into a Sustainable Ultra-Pure PP

Tamsin Ettefagh, Chief Sustainability Officer, **PureCycle**, USA

(15) **Solvent-based Recycling:** Life-End-to-**Virgin, Ultra-Pure PS**
Turning Contaminated PS, a Hindrance to Recycling, into Ultra-Pure PS
Virginie Bussieres, VP-External Affairs & Partnerships, *UpSolv*, Canada

2:30-3:00 Coffee & Networking

PANEL DISCUSSION