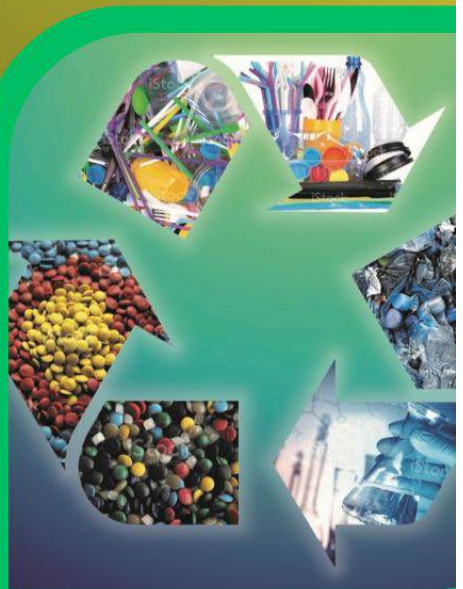


AGENDA

RECYCLING WEEK 2024

Venue

Rome, Italy



Tentative Program

Day 1

28-Oct-24

NH Roma Villa Carpegna

08:00-08:30 Registrations

Room 1

08:30-08:55 **Opening Ceremony**

Keynote Forum

08:55 -09:00 Introduction

09:00-09:25 **Title: Material Circularity in Shipping**

Henning Gramann, GSR Services GmbH, Germany

09:30-09:55 **Title: Sandwich belt high angle conveyors in harmony with the environment**

Joseph Dos Santos, Dos Santos International, USA

10:00-10:25 **Title: Pioneering innovations for circular economy: A showcase of cutting-edge solutions**

Xukai Fu, Jinkai New Energy Environmental Technology Co., Ltd, Australia

03 Keynote Opportunities Available

Coffee Break 10:30-10:50 @ Foyer

Morning Session: Recycling – Reduce, Reuse and Recovery

10:50-11:15 **Title: Reverse logistics and recycling: a winning approach to support sustainability**

Bernardo Nicoletti, Temple University, Italy

11:20-11:40 **Title: Reviving resources: Recovering valuable materials from garbage**

Nate Francisco & Dick Snoby, Circular Separation Resources, USA

11:45-12:05 **Title: Optimizing the glycolysis process of polyurethane foams**

Carlota Hernandez, INESCOP, Spain

12:10-12:30 **Title: Development of an integrated process flowsheet to recover valuable metals from waste cathode ray tubes and printed circuit boards**

Sello Tsebe, Mintek, South Africa

12:35-12:55 **Title: Waste as a Resource: Enhancing Resilience and Recycling Economy in Kibera's Informal Settlement**

Deepakshi Mittal, Univeristy of Waterloo, Canada

Group Photo & Lunch 12:55-13:40 @ Hotel Restaurants

Afternoon Session: Plastic & Recycling Technology

13:40-14:00 **Title: Teens as teachers and environmental change agents: Young people address plastics issues and environmental sustainability**

Anne M Stevenson, Univ. of Minnesota, USA

14:05-14:25 **Title: Advanced recycling of next generation biodegradable plastics**

Matt Keith, University of Birmingham, UK

14:30-14:50 **Title: A systematic value chain approach to boost the circular use of plastics**

Paolo Glerean, Plastics Recyclers Europe, Belgium

14:55-15:15 **Title: Dehalogenation and upgrading of pyrolysis products for petrochemical applications**

Jan Snow, ORLEN UniCRE, Czech Republic

15:20-15:40 **Title: Challenges with the recycling of high voltage electrical insulation**

Robert Sekula, Hitachi Energy Research, Poland

Coffee Break 15:45-16:05 @ Foyer

Evening Session: Plastic & Recycling Technology | Recycling – Reduce, Reuse and Recovery

16:10-16:30 **Title: PyroWave: A re-newed generation of plastic**

Bryan Kinderman, Pyrowave, USA

16:35-16:55 **Title: The impact of pharmaceutical communication rules on recycling messages and recycling LCA's: What you need to know**

Thomas Walther, Baumer hhs GmbH, Germany

17:00-17:20 **Title: Understanding your waste: Utilizing advanced spectroscopic tools to enhance safe and efficient use of waste incineration ash**

Jenny Rissler, Lund University, Sweden

17:25-17:45 **Title: Sustainable footwear solutions: Integrating rice straw cellulose into TPU and SBR insoles for footwear**
Victor Manuel Serrano Martinez, INESCOP, Spain

02 Speaking Opportunities Available

17:50

End of Day

Day 2
29-Oct-24

08:30-09:00 Registrations

Room 1

Keynote Forum

09:00-09:25 **Title: Developing a more sustainable glass recycling system**
Steve Whettingsteel, Krysteline Technologies Ltd, UK

09:30-09:55 **Title: Recycling of polyamides: Valorization of Nylon wastes**
Denis Rodrigue, Université Laval, Canada

10:00-10:25 **Title: Sustainable materials for recycling, and how they contribute in circular economy, project in textile and Clothing**
Dalia Benefatto, DEVALIA, Italy

02 Keynote Opportunities Available

Coffee Break 10:30-10:50 @ Foyer

Morning Session Sustainability & Circular Economy

10:50-11:10 **Title: Aragon's regional hub for circularity and demonstration of local industrial urban symbiosis initiatives and demonstration of local industrial-urban symbiosis initiatives: REDOL project**
Cinzia Lazzarini, Next Technology Tecnotessile, Italy

11:15-11:35 **Title: Water recycling of the man made river project in Libya and achieving the strategic integration of water resources**
Hamza Elnawal, Man-Made River project, Libya

11:40-12:00 **Title: Creating coalitions and partnerships across the supply chain**
Christi C. McGee, Circular Solutions Advisors, USA

12:05-12:25 **Title: Waste Gasification**
Daniele Pace, Frieden & Partners srl, Italy

12:30-12:50 **Title: Recovery and recycling of nafion membranes used in proton exchange membrane fuel cells (PEMFCs) through green chemistry**
Hakima Mendil-Jakani, SyMMES Laboratory, France

Lunch Break 12:55-13:40 @ Hotel Restaurants

Afternoon Session: Agriculture and Food Waste Recycling

13:40-14:00 **Title: Spent coffee grounds: From waste to energy source in thermochemical process**
Enrico Paris, CREA-IT, Italy

14:05-14:25 **Title: Evaluating waste footprint of municipal solid waste in urbanizing hilly state of India**
Diksha Rana, Amity University, Punjab, India

14:30-14:50 **Title: Analysis of organic migrants from food contact materials made of recycled plastic**
Salvatore Ciano, Sciensano, Belgium

14:55-15:15 **Title: Agroindustrial residues as amendments of a Sandy soil to improve productivity of Lolium perenne under drought conditions**
M. Cristina Diez, Universidad de La Frontera, Chile

15:20-15:40 **Title: No use and reuse – The ultimate sink for organic waste**
Jan Olof Drangert, Linkoping University, Sweden

Coffee Break 15:45-16:05 @ Foyer

16:10-17:30

Poster Presentations @ Foyer

02 Speaking Opportunities Available

17:35

End of Day

Day 3
30-Oct-24

08:30-09:00 Registrations

Room 1

Keynote Forum

09:00-09:25 **Title: Waste-based vertical planting system proposal to increase productivity in sustainable horticulture; "PETREE"**

Hakan Gürsu, Londra Konuşmacı Bürosu, Turkey

09:30-09:55 **Title: Sustainable Digitale Infrastructures**

Gunnar Schomaker, Software Innovation Campus Paderborn, Germany

10:00-10:25 **Title: Recycling and sustainability from a country boy**

John McFadden, Cedar City Consulting & Sustainable Forest Products, USA

02 Keynote Opportunities Available

Coffee Break 10:30-10:50 @ Foyer

Morning Session Solution in Recycling Industries | Paper, Glass & Metal Recycling

10:50-11:10 **Title: Intelligent automation in recycling: Enhancing eddy current separation with AI and PLC technologies**

Shohreh Kia, TU-Clausthal University, Germany

11:15-11:35 **Title: The potential of the marine-based nutricosmetic**

Irene Dini, University of Naples Federico II, Italy

11:40-12:00 **Title: Making big events environmentally friendly: The final four scores one for recycling**

JT Marburger, Circular Solutions Advisors, USA

12:05-12:25 **Title: Integrated chemical recycling of polyurethane waste: From model system to proof-of-concept on commercial samples**

Lukasz Pazdur, University of Antwerp, Belgium

12:30-12:50 **Title: Recycling the impossible: Perpetual life cycles for glass fiber composites**

David Morgan, Carbon Rivers, USA

Lunch Break 12:55-13:40 @ Hotel Restaurants

Afternoon Session: Technological Advancements | Water Recycling | Textile Recycling

13:40-14:00 **Title: Carbon footprint in the treatment of urban wastewater in peripheral or insular territories: Example in analysis of Canary Island**

Raul Lorenzo-Quijada, ULPGC, Spain

14:05-14:25 **Title: Assessing water use efficiency in Catalonia with DEA approach**

Zahra Bayat, UPC, Spain

14:30-14:50 **Title: Assessment tool for municipal solid waste management in smart cities: A case study of Cali, Colombia**

Isabela Giraldo, Universidad Nacional de Colombia, Colombia

14:55-15:15 **Title: Textile recycling: An opportunity for innovative chemistry**

Ana Tavares, RDD TEXTILES, Portugal

15:20-15:40 **Title: Think like an ecosystem: Transitioning waste streams to value streams**

Rae Lewark, Studio SE, USA

08 Speaking Opportunities Available

Coffee Break 15:45-16:05 @ Foyer

16:10

End of Day