conferenceseries.com

Tentative Program

4th World Congress and Expo on

Recycling

July 27-29, 2017 Rome Italy

Recycle today for a better tomorrow



For available speaker slots

recycling.conferenceseries.com

recyclingexpo@conferenceseries.net

Tentative Program

Program at a Glance

Day 1			
Morning Sessions	Reception/Registration		
		Time	General Session
	Inaugural Address		
	Least of 3 Keynote/Plenary Talks		Keynote/Plenary Talk 1
			Keynote/Plenary Talk 2
			Keynote/Plenary Talk 3
	Panel Discussions/Group Photo		
	Coffee/Tea Break (Networking)		
	Recycling Basics		Waste management Techniques
Evening Sessions	E-waste Recycling and Management		
	Lunch Break		
	Solid Waste Management		Waste water recycling
	Coffee/Tea Break (Networking)		
	15.45-17.25		

Day 2			
Morning Sessions	Reception/Registration		
		Time	General Session
	Inaugural Address		
	Least of 3 Keynote/Plenary Talks		Keynote/Plenary Talk 1
			Keynote/Plenary Talk 2
			Keynote/Plenary Talk 3
	Panel Discussions/Group Photo		
	Coffee/Tea Break (Networking)		
	Paper Recycling		Industrial waste recycling
Evening Sessions	Chemical waste recovery		
	Lunch Break		
	Food Waste recycling		Agriculture waste recycling
	Coffee/Tea Break (Networking)		
	15.45-17.25		

Day 3			
Morning Sessions		Time	Session 1	Session 2
			Keynote Forum	Diabetes Research & Therapy
	Coffee/Tea Break (Networking)			
	Rubber recycling		Metal and Plastic waste recycling	Circulatory Economy
Evening Sessions	**Lunch Break**			
	Recycling Market		Thermal Waste recovery	
	Coffee/Tea Break (Networking)			
	Awards & Closing Ceremony			
NOTE: Program Schedule is subject to change with final allotment of the speaker slots				
For more Details PS: http://recycling.omicsgroup.com				
recyclingexpo@conferenceseries.net				

NOTE: Program Schedule is subject to change with final allotment of the speaker slots

Major Scientific Sessions

- Recycling basics
- Waste management Techniques
- E-Waste Recycling and Management
- Solid Waste Management
- Waste water recycling
- Paper Recycling
- Industrial waste recycling
- Chemical waste recovery
- Food Waste recycling
- Agriculture waste Recycling
- Rubber Recycling
- Metal and Plastic waste recycling
- Circulatory Economy
- Recycling Market
- Thermal Waste Recovery

Best Poster Award



- You will be given about 5-7 minutes to present your poster including questions and answers. Judges may pose questions during the evaluation of the poster
- Judges will even evaluate the student's enthusiasm towards their study, interest and knowledge in the area of their research
- The winners will be announced at the closing ceremony of the conference. The decision of the winner will be withdrawn if the winner/winners is/are not present at the time of announcement
- Apart from the judging time you may also be present at the poster to share your research with interested delegates



Young Researchers Forum

- Present your research through oral presentations
- Learn about career development and the latest research tools and technologies in your field
- This forum will give pertinent and timely information to those who conduct research and those who use and benefit from research
- Develop a foundation for collaboration among young researchers
- The forum will provide an opportunity for collegial interaction with other young investigators and established senior investigators across the globe
- Interact and share ideas with both peers and mentors

General Queries
recyclingexpo@conferenceseries.com

Glimpses Of Recycling Series Conferences

















Tourist Attractions in Rome, Italy

















conferenceseries.com

2nd World Congress and Expo on

Recycling

July 25-27, 2016 Berlin, Germany

Scientific Program



Hosting Organizations: Conference Series LLC
2360 Corporate Circle., Suite 400 Henderson, NV 89074-7722, USA
Ph: +1-702-508-5200 Ext: 8044, Fax: +1-650-618-1417, Toll free: +1-800-216-6499

Conference Series Ltd
Heathrow Stockley Park Lakeside House, 1 Furzeground Way, Heathrow, UB11 1BD, UK, Tel: +1-800-216-6499
Email: recyclingexpo@conferenceseries.net ; recyclingexpo@conferenceseries.com

Day 1 July 25, 2016

Registrations

Experience I+ II

conferenceseries.com

Opening Ceremony

Keynote Forum

Introduction

Title: Carbon-enhanced manufacturing supporting recycling of CO_2
Dominik Rohrmus, Siemens AG, Germany

Title: RAC-PP- Recycled aggregates for concrete: Progress and Problems
Enric Vazquez Ramonich, Universitat Politecnica de Catalunya, Spain

Title: Recycling of wastes in traditional ceramic manufacturing
F Andreola, University of Modena and Reggio Emilia, Italy

Networking & Refreshments @ Main Lobby

Title: Case studies of recycled materials in pavements and footpaths
Arul Arulrajah, Swinburne University of Technology, Australia

Presentation on PROMETIA

Session 1: Industrial Waste Recycling | Waste Management Techniques | E-Waste Recycling and Management

Session Chair: **Nour-Eddine Menad**, BRGM, France

Session Co-Chair: **Enric Vazquez Ramonich**, Universitat Politecnica de Catalunya, Spain

Session Introduction

Title: WEEE-ReStraM - Recycling of strategic metals from wastes of electric and electronic equipments
Nour-Eddine Menad, BRGM, France

Title: Nanofiltration for removing toxicity of industrial waste waters
Sébastien Déon, Université de Bourgogne Franche-Comté, France

Title: Obtaining of selective porous materials from recycling of industrial waste coal fly ash for applications in environmental protection
E David, National Institute for Cryogenic and Isotopic Technologies, Romania

Title: A nearly closed environmental friendly process for recovering metals with high yield and purity from spent hydrodesulphurization catalysts
Helena Maria Vieira Monteiro Soares, University of Porto, Portugal

Group Photo

Lunch Break @ Element I+II Restaurant

Title: Utilization of recycled polyurethane foam and ground tire rubber for asphalt modifications: Basic and rheological properties
M Sulyman, Gdansk University of Technology, Poland

Title: A study on the MSWI fly ash modifying for inorganic gel of cement admixtures
Sue-Huai Gau, Tamkang University, Taiwan

Title: Recycling of municipal incinerator fly ash by electric arc furnaces of steel mini mills
Gordon C C Yang, National Sun Yat-Sen University, Taiwan

Title: Re-use of polypropylene fiber admixed recycled aggregates in concrete
Ilker Bekir Topcu, Eskisehir Osmangazi University, Turkey

Title: Recovery of zinc from EAF dust by hydrometallurgical route with sulphuric acid as leachant
Kamalesh K Singh, Banaras Hindu University, India

Networking & Refreshments @ Main Lobby

Title: Coal ash as an efficient chemical fixation reagent and scrubber for toxic chemical wastes and its incorporation in industrial concrete for civil engineering projects
Haim Cohen, University of Ariel, Israel

Title: Abrasion and water absorption properties of polypropylene fibre-reinforced recycle aggregated concrete
Hasan Baylavli, Hitit University, Turkey

Title: Recycling approaches of waste cathode ray-tube in China

Fu-Shen Zhang, Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences, China

Title: Evaluation of lipid productivity by *Rhodosporidium toruloides* under non-sterile condition from a mixture of distillery and domestic wastewaters

Hojae Shim, University of Macau, China

Title: Life cycle assessment of the pyrometallaurgical and hydrometallurgical recycling routes used in rare earth recycling: A case study of NdFeB magnets

Gwendolyn Bailey, KU Leuven, Belgium

Title: Selecting water balance covers as landfill final covers

Preecha Apiwantragoon, Chulachomklao Royal Military Academy, Thailand

Panel Discussion

Day 2 July 26, 2016

Experience I+ II

Keynote Forum

Title: Recycle nutrients today for a better tomorrow

Sirpa Kurppa, Natural Resources Institute Finland, Finland

Title: Food waste collection and recycling for renewable biogas fuel production in Hong Kong

Irene M C LO, The Hong Kong University of Science and Technology, China

Title: From waste CRT glasses to foam glass: A case study to re-use electric and electronic end of life materials

François O Méar, Lille North of France University, France

Networking & Refreshments @ Main Lobby

Title: Recycling of carbon fibre: Re-use and Re-manufacture

Gary Leeke, Cranfield University, UK

Special Session on: Recycling system and technologies towards circulatory economy

Session Chair: Takashi Nakamura, Tohoku University, Japan

Session Introduction

Title: Recycling of critical metals for circulatory economy in Japan

Takashi Nakamura, Tohoku University, Japan

Title: Novel metal recycling process by applying intelligent comminution and sorting

Shuji Owada, Waseda University, Japan

Title: Physical concentration of tantalum from WEEEs

Chiharu Tokoro, Waseda University, Japan

Title: Overall optimizing of automobile recycling system in Japan

Kotaro Shimizu, Mitsubishi UFJ Research and Consulting Co., Ltd., Japan

Session 2: Recycling Basics | Solid Waste Management | Waste Water Recycling | Agricultural Waste Recycling

Session Chair: Hesham Ali, Florida International University, USA

Session Co-Chair: Muscolo A, Mediterranea University, Italy

Session Introduction

Title: Bioelectrochemical systems for treatment of liquid effluents

Antonio Moran, University of Leon, Spain

Title: Recalcitrant agriculture waste to produce biogas and amendments

Muscolo A, Mediterranea University, Italy

Title: Evaluation of cracking resistance and durability of 100% reclaimed asphalt pavement mixtures

Hesham Ali, Florida International University, USA

Lunch Break @ Element I+II Restaurant

Title: Enhanced bio-sulfur recovery with high carbon to nitrogen ratios under micro-aerobic condition using denitrifying sulfide removal process

Chuan Chen, Harbin Institute of Technology, China

Title: Pretreatments of lignocellulosic wastes for producing value added products

Jin Hyung Lee, Korea Institute of Ceramic Engineering and Technology, South Korea

Title: Use of the SWB-Sci model for nitrogen management in sludge-amended land

Eyob Habte Tesfamariam, University of Pretoria, Republic of South Africa

Title: Thermochemical recycling of municipal solid waste

Juma Haydary, Slovak University of Technology, Slovakia

Networking & Refreshments+ Poster Presentations

REC 01	**Title: Recycling of carbon fines from Tuncbilek power plant coal combustion wastes** **H Koca,** Anadolu University, Turkey
REC 02	**Title: The role of labeling of chemical substances contents in recycling promotion - Japanese case** **Mizue Kama,** Tohoku University, Japan
REC 03	**Title: Recovery of tungsten and vanadium from a spent NH3-SCR catalyst by NaOH leaching and ion exchange processes** **Chi-Lang Chen,** China Steel Corporation, Taiwan
REC 04	**Title: Evaluation of low heating value and moisture of solid refuse fuels in Korea** **Sohee Park,** Korea Environment Corporation, Korea
REC 05	**Title: From the MSW management to the Environmental awareness and from the Organic Fraction (OFMSW) to the Compost quality** **Guillermo Solar Olivares,** Universitat de Barcelona, Spain
REC 06	**Title: Co-pyrolysis of lignite and pistachiou seed in a well-swept fixed bed reactor** **O Onay,** Anadolu University, Turkey
REC 07	**Title: WEEE and recycling processes for the recovery of critical raw materials: A perspective on Germany** **Nicolas Sarmiento Sierra,** Rhein Waal University of Applied Science, Germany
REC 08	**Title: Composite material; use and appreciation of pine bark waste from sawmills and recycled plastic from the region Northern Sierra at Oaxaca, Mexico** **Nubia Luna Rueda,** National Autonomous University of Mexico, Mexico
REC 09	**Title: Study of the mechanical behavior of synthesized elastomers from depolymerization of polyurethane foams wastes** **Cristina Agurrrie,** National Polytechnic School, Ecuador
REC 10	**Title: X-ray spectroscopic study and chemical fractionation of Pb(II) compounds in soil under contamination conditions** **Victoria Tsitsuashvili,** Southern Federal University, Rostov-on-Don, Russia
REC 11	**Title: The statistical status Quo of Beijing's recyclable resources and countermeasures for establishing statistical system** **Tinting Liu,** Beijing University of Technology, China
REC 12	**Title: Application of zero food waste system to residential complex** **Daeseung Kyung,** Korea Land & Housing Corporation, South Korea
16:20-16:40	**Title: Innovative zero liquid discharge based effluent treatment system for API industry clusters in India.** **Gopu Venugopala Reddy,**Team Labs and Consultants, India
16:40-17:00	**Title: Electroflotation process for the wastewater recycling** **Ben Mansour,** University of Sfax, Tunisia
17:00-17:20	**Title: Use of greywater in production of mortar and concrete** **Ayoup M Ghrair,** Royal Scientific Society, Jordan
17:20-17:40	**Title: On the valorization of agro resource of Tizi Ouzou: Extraction for pectin from melon rinds and their application** **Benahmed Djilali Adiba,** University of Mouloud Mammeri of Tizi Ouzou, Algeria

Panel Discussion

Day 3 July 27, 2016

Experience I+ II

Keynote Forum

Title: Smart cities and waste innovation
Graeme Evans, Middlesex University School of Art & Design, UK

Title: Thermal waste recovery and heat energy transportation over long distance
Lingai Luo, French National Center for Scientific Research, France

Title: How are wastes entirely avoided in solid-state productions?
Gerd Kaupp, University of Oldenburg, Germany

Session 3: Food Waste Recycling | Metal and Plastic Waste Recycling | Rubber Recycling | Textile Recycling

Session Chair: Andreas Krause, University Hamburg, Germany

Session Co-Chair: Lingai Luo, French National Center for Scientific Research, France

Session Introduction

Title: Performance of virgin and recycled natural fibers for technical nonwoven applications

Patricia I Dolez, Groupe CTT, Canada

Title: Extending the life cycle – novel wood-plastic composites as potential applications for post-consumer wood and plastics

Andreas Krause, University Hamburg, Germany

Networking & Refreshments @ Main Lobby

Title: Ionic liquids as effective carriers of precious metal ions in membrane processes from leach liquors of metal waste

Beata Pospiech, Czestochowa University of Technology, Poland

Title: Recycling of steelmaking dusts through dissolution and electrowinning in deep eutectic solvents

Ashraf Bakkar, Institut für Materialprüfung und Werkstofftechnik Dr. Neubert GmbH, Germany

Title: Nano-Copper recycled from waste printed circuit boards by electrolysis

Mengjun Chen, Southwest University of Science and Technology, Sichuan

Title: Effects of hydraulic retention time, sewage temperature and effluent recycling on efficiency of up-flow anaerobic filter reactor in treating rural domestic sewage

John Leju Celestino Ladu, Southeast University, China

Title: MSP-REFRAM - improving the valorization of the refractory metal resources in Europe

Stephane Bourg, CEA/DEN/MAR/DRCP, France

Title: Development of zero food waste system

Daeseung Kyung, Korea Land & Housing Corporation, South Korea

Lunch Break @ Element I+II Restaurant

Young Researchers Forum

Title: The recycling of air pollution control residue into geopolymers via plasma arc technology

Peter Keeley, University of Birmingham, UK

Title: Identifying the gap in fluorocarbons treatment from waste electrical and electronic equipment (WEEE) in Southeast Asia

Atsushi Santo, Institute for Global Environmental Strategies, Japan

Title: Preparation of hydrophobic nonwoven using recycled jute fibre and a titanium dioxide/fatty acid coating

Mohamed Ameur Arfaoui, CTT Group, Canada

Title: Recycling of copper and aluminium with high purity from end life printed circuit boards

Isabel F F Neto, Universidade do Porto, Portugal

Title: Zn recovery from spent alkaline batteries using an environmental friendly approach

S Maryam Sadeghi, Universidade do Porto, Portugal

Title: New method for extraction of benzo[a]pyrene from industrial polluted soil

Alina Gimp, Southern Federal University, Russia

Title: Closing the life cycle of waste fiber reinforced polymer composites by converting it into valuable products

Huya Ucar Sokoli, Aalborg University Esbjerg, Denmark

Title: Performance assessment of a biogas powered gas engine in a wastewater treatment plant

Atakan Tantekin, Adana Science and Technology University, Turkey

Title: The deficiency of solid waste management in Kawempe vicinity

Aijuka Nicholas, Makerere University Kampala, Uganda

Panel Discussion & Certificate Distribution

Award Ceremony

OMICS International
conferenceseries.com

Scientific Program

286th OMICS International Conference

World Congress and Expo on

Recycling

July 20-22, 2015 Barcelona, Spain



Organize your Events at OMICS International Conferences

Proposals are invited for organizing Symposia/Workshops at OMICS International Conferences or OMICS Group will sponsor small events at your universities in related areas under the title of your own. These proposals can be sent to respective conference mail ids or to *symposia@omicsonline.org*

OMICS International Conferences
5716 Corsa Ave., Suite 110, Westlake Los Angeles, CA 91362-7354, USA
Phone: +1-650-268-9744, Fax: +1-650-618-1414, Toll free: +1-800-216-6499
Email: *recyclingexpo@conferenceseries.com*

Day 1 July 20, 2015

Registrations

EBRE

conferenceseries.com

Opening Ceremony

Keynote Forum

Introduction

M A Martin-Luengo

Spanish National Research Council (CSIC), Spain

Paul T Mativenga

The University of Manchester, United Kingdom

Coffee Break: @ Colon + Hall-1

Track 1: Recycling Basics
Track 5: E- Waste Recycling and management

Session Chair: **Jorge Castilla Gomez**, Technical University of Madrid, Spain

Session Co-Chair: **Arvind Jayant**, Sant Longowal Institute of Engineering & Technology, India

Session Introduction

Title: Recoverable and recyclable catalysts for sustainable chemical processes
Anna Chrobok, Silesian University of Technology, Poland
Title: Supercritical fluids based technologies for recycling
Cyril Aymonier, Chemistry Institute of Condensed Matter of Bordeaux (ICMCB-CNRS), France
Title: Urban mining: The way to reach a real sustainability
Jorge Castilla Gomez,Technical University of Madrid, Spain

Group Photo

Lunch Break: @ Colon + Hall-1

Title: Gypsum to Gypsum (GtoG): The European life project that aims to transform the gypsum waste market
Ana de Guzman Baez, University of Madrid, Spain
Title: Cost reduction for biodiesel production from distillery/domestic mixed wastewater by Rhodosporidium toruloide
Hojae Shim, University of Macau, China
Title: Enhanced removal of BTEX/TCE/cis-DCE mixture using waste scrap tires immobilized with indigenous Pseudomonas sp.
Renata Alves de Toledo, University of Macau, China
Title: Tar-containing reclaimed asphalt–environmental assessments for two treatment scenarios (incineration versus recycling)"
Janez Turk, Slovenian National Building and Civil Engineering Institute, Slovenia
Title: Innovation in municipal waste collection systems
Frederik De Pesseroey, Business Consultant for Waste Management, Belgium
Title: Selective leaching of rare earth elements from NdFeB powders via alkaline treatment and thermal oxidation
Kyeong Woo Chung, Korea Institute of Geoscience and Mineral Resources, Korea

Cofee break: @ Colon + Hall-1

Title: Evaluation of EOL/used cell phones management & disposal alternatives: An ANP and balanced scorecard approach
Arvind Jayant, Sant Longowal Institute of Engineering & Technology, India
Title: Occupational exposure to E-Waste and risk of cancer development: Evidence from south-South Nigeria
Igharo O G, University of Ibadan, Nigeria
Title: Assessment of ecological impact of blast oxygen furnace slag used as a fill material on the surrounding environments
Kyoungphile Nam, Seoul National University, South Korea

Panel Discussion

Day 2 July 21, 2015

Registrations

EBRE

Keynote Forum

Jonathan W C Wong
Hong Kong Baptist University, China
Takashi Nakamura
Tohoku University, Japan

Track 7:Metal waste and plastic recycling
Track 8:Industrial waste recycling
Track 11:Food waste recycling
Track 13:Recycling of Glass, Paper, Wood, Textile and Building materials

Session Chair: Jonathan W C Wong, Hong Kong Baptist University, China

Session Co-Chair: Takashi Nakamura, Tohoku University, Japan

Session Introduction

Title: Material flow analysis and recycling system of mercury-containing fluorescent lamps in Korea
Yong-Chul Jang, Chungnam National University, South Korea
Title: Production of bio-diesel from used groundnut oil from bosso market, Minna, Niger state, Nigeria
Alabadan B A, Federal University, Nigeria
Title: Cellulose aerogels from paper waste for oil spill cleaning and heat insulation of buildings
Hai M Duong, National University of Singapore, Singapore

Coffee Break: @ Colon + Hall-1

Title: E-BABE-Recycling leather wastes in carton industry
Ola A Mohamed, National Research Centre, Egypt
Title: Potential valorizations of artificial gypsum generated in the manufacture of titanium dioxide pigments
S M Perez-Moreno, University of Huelva, Spain
Title: Post cracking behaviour of polymer concrete prepared using resin obtained from post consumer pet bottles
Roy Nir Lieberman, Consejo Superior de Investigaciones Científicas (CSIC), Barcelona, Spain
Title:Evaluation of the ppm-h concept for end-of-life RO membrane into recycled NF and UF membranes
Raquel Garcia Pacheco, IMDEA Water Institute, Spain

Panel Discussion

Lunch Break: @ Colon + Hall-1

Poster presentations

Day 3 July 22, 2015

Registrations

Track 6: Waste water recycling
Track 9: Environmental impact of Recycling
Track 10: Agriculture waste recycling

Session Chair: M A Martin-Luengo, Spanish National Research Council (CSIC), Spain

Session Co-Chair: Muscolo Adele, Mediterranea University, Italy

Title: Integral utilization of lignocellulosic materials; residues of the agriculture and agri-food industry
Alejandro Rodríguez Pascual, Chemical Engineering Department, University of Córdoba, Córdoba, Spain
Title: Using agriculture waste and/or sulfur obtained from the residues of the desulfurization of natural gas and oil as fertilizer for productive purposes
Muscolo Adele, Mediterranea University, Italy
Title: Comparative study of enzymatic and chemical denaturation of wheat gluten and their cellulosic nanocomposites
Nahla A El-Wakil, National Research Centre, Egypt

Coffee Break: @ Colon + Hall-1

Title: Onion waste recycling to produce the value added by-products
Hyeun-Jong Bae, Chonnam National University, South Korea
Title: Sustainable water reuse. The case of rural areas and small settlements
Isabel Martín, Foundation Center for New Water Technologies (CENTA), Spain

Title: Novel functional materials created by mimicking Fe oxidizing bacterium-involved formation processes of iron oxides complex
Hitoshi Kunoh, Okayama University, Japan

Title: Recycling wastewater yields multiple benefits
Birguy Lamizana-Diallo, UNEP-GPA, Kenya

Lunch Break: 12:45-13:30 @ Colon + Hall-1

Poster presentations

Title: Melt decontamination for recycle and reuse of radioactively contaminated decommissioning metal waste
Byung Youn Min, Korea Atomic Energy Research Institute, South Korea

Title: Upcycle of municipal waste as high performing components for elderly housing: A new strategy for building in ageing society
Fabrizio Cumo, University of Rome, Italy

Title: Recovery of valuable metals from waste printed circuit boards
Joonchul Choi, ER Metal Co. Ltd., Korea

Title: Model of environmentally sustainable benchmarking
María Carmen CarneroMoya, University of Castilla-La Mancha, Spain

Title: Best practice in environmental maintenance
María Carmen CarneroMoya, University of Castilla-La Mancha, Spain

Title: Recyclable ionic liquids as catalysts for fine chemical production
Karolina Matuszek, Silesian University of Technology, Poland

Title: Extraction of rhenium from PWA 1484 superalloy scrap using electrogenerated chlorine leaching in acid solutions
Min Seuk Kim, Korea Institute of Geoscience and Mineral Resources, Korea

Title: Experimental study on reusing ornamental rock waste for the production of structural concrete
Romeu E Silva Neto, Fluminense Federal Institute, Brazil

Title: Chromium VI analysis method and heavy metal concentration of Portland cement in South Korea
Tae-Wan Jeon, National Institute of Environmental Research, Republic of Korea

Title: CRT Tile – Utilization of waste glass from cathode ray tubes
Otto Andersen, Western Norway Research Institute, Norway

Title: Recovery of indium from waste liquid crystal display (LCD) panels
Kyung-Soo Park, Institute for Advanced Engineering, Korea

Title:Organizing the disposal of electronic waste in Ukraine
Salomatina Lilia, National Academy of Sciences of Ukraine, Ukraine

Closing Ceremony