

8th World Congress and Expo on

Recycling

June 25-26, 2018 | Berlin, Germany



Interactive Sessions

Keynote Lectures

Plenary Lectures

Workshops

Exhibitors

B2B Meetings

*****For available speaker slots*****

recyclingexpo@conferenceseries.net

Program at A Glance

Morning Sessions	Day 1	
	Reception/Registration	
	General Session	
	Inaugural Address	
	Least of 3 Keynote/Plenary Talks	Keynote/Plenary Talk 1 (slots available)
		Keynote/Plenary Talk 2 (slots available)
		Keynote/Plenary Talk 3 (slots available)
	Panel Discussions/Group Photo	
	Coffee/Tea Break (Networking)	
	5 Speakers (20min) slots available	
	Lunch Break	
	6 Speakers (20min) slots available	
	Coffee/Tea Break (Networking)	
5 Speakers (20min) slots available		
Evening Sessions	Day 2	
	Session 1	Session 2
	5 Speakers (20min) slots available	5 Speakers (20min) slots available
	Coffee/Tea Break (Networking)	
	5 Speakers (20min) slots available	5 Speakers (20min) slots available
	Lunch Break	
	5 Speakers (20min) slots available	5 Speakers (20min) slots available
	Coffee/Tea Break (Networking)	
	5 Speakers (20min) slots available	5 Speakers (20min) slots available
	Award & Closing Ceremony	

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

For more Details PS: <http://recycling.conferenceseries.com>

Conference Highlights

- 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 recycling
- Circulatory Economy
- Recycling Market
- Thermal waste recovery
- Recycling Basics
- Construction waste management
- Textile Recycling
- Glass Recycling
- Home-waste management
- Entrepreneurs Investment Meet-2018

For detailed sessions, please visit: <http://recycling.conferenceseries.com/>

Submit your abstract online at: <http://recycling.conferenceseries.com/abstract-submission.php>

Register online: <http://recycling.conferenceseries.com/registration.php>



Glimpses of Recycling Conference



Plan your Trip to Berlin, Germany



4th World Congress and Expo on

Recycling

July 27-29, 2017 Rome, Italy



Conference Series - America

One Commerce Center-1201, Orange St. #600, Wilmington, Zip 19899, Delaware, USA
Toll Free: 1-888-843-8169, P: 702-508-5200, F: +1-650-618-1417

Conference Series - UK

Kemp House, 152 City Road, London EC1V 2NX, UK
Toll Free: +0-800-014-8923

OLIMPICA 1

conference**series**.com 08:30-09:00

Opening Ceremony

Keynote Forum

Introduction

Title: PAYT (Pay-As-You-Throw) schemes – A key step for a circular economy and citizens involvement

Roberto Cavallo, ERICA Soc. Coop., Italy

Title: Is it possible to fully predict removal performances of a nanofiltration process by transport modeling?

Déon Sébastien, Université de Bourgogne-Franche-Comté, France

Title: Use of treated oil sand waste in cementitious materials for geotechnical applications

M Hesham El Nagggar, Western University, Canada

Group Photo & Networking and Refreshments Break @ Foyer

Title: Water treatments, needs and directions

Semiat R, Technion - Israel Institute of Technology, Israel

Presentation on ITALIAN EXHIBITION GROUP SPA

Sessions: Industrial Waste Recycling | Waste Management Techniques | Waste Water Recycling | Rubber Recycling | Recycling Basics | Textile Recycling | Agricultural Waste Recycling

Session Chair: Déon Sébastien, Université de Bourgogne-Franche-Comté, France

Session Co-Chair: Kunio Yoshikawa, Tokyo Institute of Technology, Japan

Session Introduction

Title: Recycling approaches of the aluminum dross to obtain useful products and to preserve raw material sources

E David, National Institute for Cryogenic and Isotopic Technologies, Romania

Title: Green hydrolysis conversion of wool wastes into organic nitrogen fertilisers

Marina Zoccola, Institute for Macromolecular Studies, Italy

Title: Photodegradation of levofloxacin antibiotic via graphene/TiO₂ and its reusability

Pelin Alicanoglu, Pamukkale University, Turkey

Title: Membrane-based dewatering processes using FO and MD for nitrogen recovery from wastewater

Hyokwan Bae, Pusan National University, South Korea

Lunch Break @ Hotel Restaurant

Title: Full factorial design to removal of zinc (II) ions from water by using hydrogel microspheres

Handan Akülker, Ondokuzmayıs University, Turkey

Title: Direct landfill disposal versus Mechanical-Biological Treatment (MBT)

Katarzyna Kulhawik, University in Poznań, Poland

Title: Recent developments in management of energy plants' wastes

Huseyin Koca, Anadolu University, Turkey

Title: Development of an integrated strategy for reducing the carbon footprint in the industry sector

Evangelia Karvela, Yiotis S A, Greece

Networking & Refreshments Break @ Foyer

Title: Membrane distillation for energy-efficient treatment (concentration) of electroplating liquids

Judith Buchmaier, AEE – Institute for Sustainable Technologies, Austria

Title: Multimaterial laminated film recycling – PE-Al, PE-PA and PE-PET full material recovery without downcycling

Szymon Wojciechowski, Silesian University of Technology, Poland

Title: Color removal from textile dyeing effluent by natural and activated clay adsorbents

Handan Akülker, Ondokuzmayıs University, Turkey

Title: Banana (*Musa* sp.) Wastes as ruminant Feed

Muhammad Rusdy, Hasanuddin University, Indonesia

Panel Discussion

Day 2 July 28, 2017

OLIMPICA 1

Keynote Forum

Title: Solid fuel production from non-segregated municipal solid wastes employing the hydrothermal treatment

Kunio Yoshikawa, Tokyo Institute of Technology, Japan

Title: Wastes recycling into fired clay bricks: A review

Aeslina Abdul Kadir, University Tun Hussein Onn Malaysia, Malaysia

Title: Can a monopoly increase the welfare of its consumers?

Doron Lavee, Tel-Hai College, Israel

Networking & Refreshments Break @ Foyer

Sessions: Agricultural Waste Recycling | Circulatory Economy | E-waste Management | Metal and Plastic Recycling | Recycling Market | Thermal Waste Recovery

Session Chair: Muscolo Adele, Mediterranean University, Italy

Session Co-chair: Paola Marini, Politecnico di Torino, Italy

Session Introduction

Title: Up-gradation of Matuail Solid Waste Disposal Site in Bangladesh to a Sanitary Landfill

Md Abdul Jalil, Bangladesh University of Engineering and Technology, Bangladesh

Title: Comparison of composts obtained from olive pomace and vegetable residues as alternative to synthetic fertilizers

Muscolo A, Mediterranean University, Italy

Title: Nitrogen flow on an organically managed beef farm in Hokkaido, Japan

Masayuki Hojito, Kitasato University, Japan

Title: Recycling of valuable metal during supercritical water oxidation

Youn-Woo Lee, Seoul National University, South Korea

Title: LMPE Srl, a recent reality in the implementation of circular economy in the industrial district of Capannori – Lucca (Italy)

Lucía Pérez Amaro, LMPE Srl, Italy

Lunch Break @ Hotel Restaurant

Poster Presentations @ Foyer

Poster Judge: Doron Lavee, Tel-Hai College, Israel

REC-01 **Title: Recyclability of polypropylene (PP) and polyethylene (PE) waste from the Hawaii coastline**

Diego Piazza, University of Caxias do Sul, Brazil

REC-02 **Title: Oil based mud and drill cuttings (OBM) treatment and management at KOC**

Kholood Yousef, Kuwait Oil Company, Kuwait

REC-03 **Title: Safe management strategies of nanowastes in South Korea**

Ji Hye Jo, Korea Environment Institute, South Korea

REC-04 **Title: Analysis of the recyclability of polypropylene (PP) and polyethylene (PE) waste disposed at coastal ecosystems**

Diego Piazza, University of Caxias do Sul, Brazil

REC-05 **Title: Degradation of PLA in a simulated marine environment after 600 days**

Diego Piazza, University of Caxias do Sul, Brazil

REC-06 **Title: Valorization of rice and wool waste in the bio-building sector**

Marina Zoccola, Institute for Macromolecular Studies, Italy

- REC-07** **Title: Thermal treatment effect on silicone degradation under electrical stress**
N Rouha, Université de Bejaia, Algeria
- REC-08** **Title: Influence of aqueous conditions for electrolytic recovery of rare earth elements (REEs) from REE mine wastewater**
Sunjung Kim, University of Ulsan, Korea
- REC-09** **Title: Optimization of process for the production of glass-ceramic material recycled from steel industry slags and some waste**
Woo-Gwang Jung, Kookmin University, Korea
- REC-10** **Title: Analysis of zero energy effect through food waste recycling in residential on-site composting facility**
Kyounghee Lee, Domyoung E&C, Korea

Sessions: Agricultural Waste Recycling | Circulatory Economy | E-waste Management | Metal and Plastic Recycling | Recycling Market | Thermal Waste Recovery

Session Introduction

Title: Thermal treatment of flexible amorphous silicon photovoltaic modules

Denise C R Espinosa, University of São Paulo, Brazil

Title: Impact of heavy metal pollution on *Procambarus clarkii* (Crustacea: Decapoda) from Egypt

El Assal F M, Cairo University, Egypt

Title: Glass-crystalline membrane materials for helium and hydrogen capture based on fly ash cenospheres – A new trend in the utilization of coal power plant waste

Alexandr G Anshits, Siberian Branch of Russian Academy of Sciences, Russia

Title: The recovery of the waste of the secondary glass (waste³)

Paola Marini, Politecnico di Torino, Italy

Title: Recovery of some merit organics from olive mill effluents and reuse of treated water

Nefise Erdincmer, Dokuz Eylul University, Turkey

Networking & Refreshments Break @ Foyer

Title: Brass scrap recycling: Experimental research decomposition of Cu-Zn alloy

Milorad Cirkovic, Mining and Metallurgy Institute Bor, Serbia

Title: Thermal plasma extractive metallurgy: a proof of concept

Jonathan S Cramer, Fondation ParisTech, France

Title: Investigation of biogas generation from the waste of a vegetable and cattle market of Bangladesh

Md Abdul Jalil, Bangladesh University of Engineering and Technology, Bangladesh

Title: Transition and quality control of wastewater uses recycled in Algeria

Saliha Zerdoum, Environnement Développement Durable, Algeria

Title: New approach for adsorptive removal of oil in wastewater using textile fiber as alternative adsorbent

M Sulyman, Gdansk University of Technology, Poland

Day 3 July 29, 2017

Networking Lunch @ Hotel Restaurant

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@omicsgroup.com; recyclingexpo@conferenceseries.com

Experience I+ II

conference**series**.com

Opening Ceremony

Keynote Forum

Introduction

Title: Carbon-enhanced manufacturing supporting recycling of CO₂**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 hydrosulphurization 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 15:30-15:45 @ 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 *Rhodospiridium 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 pyrometallurgical 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 pistachio 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 Agurrie , 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 Ayoub 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 Ameer 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

Scientific Program

World Congress and Expo on

Recycling

July 20-22, 2015 Barcelona, Spain



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 toruloides

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

Coffee 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

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, ChinaSession 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 KoreaTitle: **Production of bio-diesel from used groundnut oil from bosso market, Minna, Niger state, Nigeria****Alababan B A**, Federal University, NigeriaTitle: **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, EgyptTitle: **Potential valorizations of artificial gypsum generated in the manufacture of titanium dioxide pigments****S M Perez-Moreno**, University of Huelva, SpainTitle: **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, SpainTitle: **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

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), SpainSession Co-Chair: **Muscolo Adele**, Mediterranean University, ItalyTitle: **Integral utilization of lignocellulosic materials; residues of the agriculture and agri-food industry****Alejandro Rodríguez Pascual**, Chemical Engineering Department, University of Córdoba, Córdoba, SpainTitle: **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**, Mediterranean University, ItalyTitle: **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 KoreaTitle: **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 @ 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

