Tentative Program

8th World Congress and Expo on Recycling

November 12-14, 2018 | Berlin, Germany

Interactive Sessions  Keynote Lectures  Plenary Lectures  Workshops
Exhibitors  B2B Meetings

***For available speaker slots***

recyclingexpo@conferenceseries.net
# Program at A Glance

## Day 1

<table>
<thead>
<tr>
<th>Morning Sessions</th>
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<tbody>
<tr>
<td>Reception/Registration</td>
<td>General Session</td>
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<td>Inaugural Address</td>
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<td>Least of 3 Keynote/Plenary Talks</td>
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<td>Keynote/Plenary Talk 1</td>
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<td>Panel Discussions/Group Photo</td>
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<td>Coffee/Tea Break (Networking)</td>
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<td>5 Speakers (20min)</td>
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<td>Lunch Break</td>
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## Day 2

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## Evening Sessions

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**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
## 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 Naggar,** 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**


**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/TiO$_2$ 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 I

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

Session Chair: Muscolo Adele, Mediterranea 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, Mediterranea 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 Youssef, 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
Title: Thermal treatment effect on silicone degradation under electrical stress  
N Rouha, Université de Bejaia, Algeria

Title: Influence of aqueous conditions for electrolytic recovery of rare earth elements (REEs) from REE mine wastewater
Sunjung Kim, University of Ulsan, Korea

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

Title: Analysis of zero energy effect through food waste recycling in residential on-site composting facility
Kyounghee Lee, Domyoung E&C, Korea


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

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
Day 1  July 25, 2016

Registrations

Experience I+ II

conference seria.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

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

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

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, Hitt University, Turkey
<table>
<thead>
<tr>
<th>Title: Recycling approaches of waste cathode ray-tube in China</th>
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<tr>
<td><strong>Fu-Shen Zhang</strong>, Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences, China</td>
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<th>Title: Evaluation of lipid productivity by <em>Rhodosporidium toruloides</em> under non-sterile condition from a mixture of distillery and domestic wastewaters</th>
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<td><strong>Hojae Shim</strong>, University of Macau, China</td>
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<th>Title: Life cycle assessment of the pyrometallurgical and hydrometallurgical recycling routes used in rare earth recycling: A case study of NdFeB magnets</th>
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<td><strong>Gwendolyn Bailey</strong>, KU Leuven, Belgium</td>
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<th>Title: Selecting water balance covers as landfill final covers</th>
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<td><strong>Preecha Apiwantragoon</strong>, Chulachomklao Royal Military Academy, Thailand</td>
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### Panel Discussion

**Day 2**

**July 26, 2016**

**Experience I+ II**

### Keynote Forum

<table>
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<th>Title: Recycle nutrients today for a better tomorrow</th>
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<td><strong>Sirpa Kurppa</strong>, Natural Resources Institute Finland, Finland</td>
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<th>Title: Food waste collection and recycling for renewable biogas fuel production in Hong Kong</th>
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<td><strong>Irene M C LO</strong>, The Hong Kong University of Science and Technology, China</td>
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<th>Title: From waste CRT glasses to foam glass: A case study to re-use electric and electronic end of life materials</th>
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<td><strong>François O Méar</strong>, Lille North of France University, France</td>
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### 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

<table>
<thead>
<tr>
<th>Title: Recycling of critical metals for circulatory economy in Japan</th>
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<td><strong>Takashi Nakamura</strong>, Tohoku University, Japan</td>
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<th>Title: Novel metal recycling process by applying intelligent comminution and sorting</th>
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<td><strong>Shuji Owada</strong>, Waseda University, Japan</td>
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<th>Title: Physical concentration of tantalum from WEEEs</th>
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<td><strong>Chiharu Tokoro</strong>, Waseda University, Japan</td>
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<th>Title: Overall optimizing of automobile recycling system in Japan</th>
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<tr>
<td><strong>Kotaro Shimizu</strong>, Mitsubishi UFJ Research and Consulting Co., Ltd., Japan</td>
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### Session 2: Recycling Basics | Solid Waste Management | Waste Water Recycling | Agricultural Waste Recycling

<table>
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<th>Title: Bioelectrochemical systems for treatment of liquid effluents</th>
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<td><strong>Antonio Moran</strong>, University of Leon, Spain</td>
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<th>Title: Recalcitrant agriculture waste to produce biogas and amendments</th>
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<td><strong>Muscolo A</strong>, Mediterranea University, Italy</td>
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<th>Title: Evaluation of cracking resistance and durability of 100% reclaimed asphalt pavement mixtures</th>
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<td><strong>Hesham Ali</strong>, Florida International University, USA</td>
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### Lunch Break @ Element I+II Restaurant

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<tr>
<th>Title: Enhanced bio-sulfur recovery with high carbon to nitrogen ratios under micro-aerobic condition using denitrifying sulfide removal process</th>
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<td><strong>Chuan Chen</strong>, Harbin Institute of Technology, China</td>
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<th>Title: Pretreatments of lignocellulosic wastes for producing value added products</th>
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<td><strong>Jin Hyung Lee</strong>, Korea Institute of Ceramic Engineering and Technology, South Korea</td>
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<th>Title: Use of the SWB-Sci model for nitrogen management in sludge-amended land</th>
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<td><strong>Eyob Habte Tesfamariam</strong>, University of Pretoria, Republic of South Africa</td>
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<th>Title: Thermochemical recycling of municipal solid waste</th>
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<td><strong>Juma Haydary</strong>, Slovak University of Technology, Slovakia</td>
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**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 Chair:** Andreas Krause, University Hamburg, Germany  
**Session Co-Chair:** Lingai Luo, French National Center for Scientific Research, France
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
Scientific Program

World Congress and Expo on
Recycling
July 20-22, 2015   Barcelona, Spain
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

Coffee Break @ Colon + Hall-1

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

Panel Discussion

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
Kyoungphi Nam, Seoul National University, South Korea
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

Session Chair: Jonathan W C Wong, Hong Kong Baptist University, China
Session Co-Chair: Takashi Nakamura, Tohoku University, Japan

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

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

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 Rodriguez 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

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 Martin, 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

Poster presentations

Lunch Break @ Colon + Hall-1

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  
Maria Carmen CarneroMoya, University of Castilla-La Mancha, Spain

Title: Best practice in environmental maintenance  
Maria 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-Won 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