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1754th Conference

Scientific Program

8th World Congress and Expo on

Recycling

June 25-26, 2018 Berlin, Germany

Conference Series llc LTD - UK

47 Churchfield Road, London, W3 6AY

Toll Free: +1-800-014-8923

Hall - Sylt 4-5

conference**series**.com 09:00-09:15

Opening Ceremony

Keynote Forum

09:15-09:30 Introduction

Title: Circular Economy and Waste Management: Trends and needs from the perspective of developing countries

09:30-10:00

Tania Rödiger-Vorwerk, German Federal Ministry for Economic Cooperation and Development (BMZ), Germany

Title: Agro-reminders, municipal bio-wastes and sulfur recovered from refineries as sulfur-based organic fertilizer

10:00-10:30

Muscolo Adele, Università Mediterranea di Reggio Calabria, Italy

Title: Sequential process for bacterial production of poly-3-hydroxybutyrate from methane generated from anaerobic digestion of rice straw

10:30-11:00

Kyoungphile Nam, Seoul National University, South Korea

Coffee Break & Group Photo 11:00-11:15 @ Sylt Foyer

Title: Use of industrial wastes to obtain of products with high added value

11:15-11:45

E David, National Institute of Research and Development for Cryogenic and Isotopic Technologies, Romania

Sessions: Circulatory Economy | E-Waste Recycling and Management | Waste Water Recycling | Industrial Waste Recycling | Agriculture Waste Recycling | Waste Management Techniques | Renewable Energy

Session Chair: E David, National Institute of Research and Development for Cryogenic and Isotopic Technologies, Romania

Session Co-Chair: Muscolo Adele, Università Mediterranea di Reggio Calabria, Italy

11:45-12:10

Title: The influence of material flow on ecological cost in the waste paper recycling and manufacturing process

Tiejun Dai, Beijing University of Technology, China

12:10-12:35

Title: Treatment of wastewater from microelectronic industry: Process analysis of a combined process scheme

F Veglio, University of L'Aquila, Italy

12:35-13:00

Title: Waste and energy management challenges of biopharmaceutical APIs manufacturing industries in China

Jimmy Yun, University of New South Wales, Australia

Lunch Break 13:00 - 13:45 @ Restaurant Rienacker

13:45-14:10

Title: An innovative approach for e-waste issues solving

F Veglio, University of L'Aquila, Italy

14:10-14:35

Title: Transforming ash to resources by electro-dialytic separation – Sewage sludge ash as an example

Ottosen L M, Technical University of Denmark, Denmark

14:35-15:00

Title: Ammoniated rice straw as feed for ruminants

Muhammad Rusdy, Hasanuddin University, Indonesia

- 15:00-15:25 **Title: Waste management, treatment and disposal at Kuwait Oil Company (KOC)**
Kholood Yousef, Kuwait Oil Company, Kuwait
- 15:25-15:50 **Title: Butyl rubber recycling by means of gamma radiation followed by mechanical shear**
Sandra R Scagliusi, Institute for Energy and Nuclear Research, Brazil

Networking and refreshments break 15:50-16:05@ Sylt Foyer

Panel Discussion

Day 2 June 26, 2018

Hall - Sylt 4-5

Keynote Forum

- 10:00-10:30 **Introduction**
Title: High voltage pulse fragmentation for metal liberation from waste LED lamps
Maria Holuszko, University of British Columbia, Canada
- 10:30-11:00 **Title: Investigation of biogas generation from the wastes of a vegetable market of Bangladesh**
Muhammad Abdul Jalil, Bangladesh University of Engineering and Technology, Bangladesh

Coffee Break 11:00-11:15@ Sylt Foyer

- 11:15-11:45 **Title: Solid waste recycling benchmarking**
Doron Lavee, Tel Hai Academic College, Israel

Sessions: Renewable Energy | Waste Management Techniques | Plastic Recycling | Waste Water Recycling | Solid Waste Management | Industrial Waste Recycling | Home-waste Management

Session Chair: Muhammad Abdul Jalil, Bangladesh University of Engineering and Technology, Bangladesh

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

Session Introduction

- 11:45-12:10 **Title: Waste stream treatment for obtaining safe reclaimed water and biomethane for transport sector to mitigate GHG emissions; Life Methamorphosis – LIFE14 CCM/ES/00865**
Gloria Sanchez Santos, Metropolitan Area of Barcelona, Spain
- 12:10-12:35 **Title: Removal of Pb²⁺, Ni²⁺, Cd²⁺, Zn²⁺ from wet process phosphoric acid by mueroxide impregnated activated bentonite**
Mohamed F Cheira, Nuclear Materials Authority, Egypt
- 12:35-13:00 **Title: Mechanical drying of plastic films**
Oksana Horodytska, University of Alicante, Spain

Lunch break 13:00-13:45@ Restaurant Rienacker

- 13:45-14:10 **Title: Treatment of Tannery Effluent by Electrocoagulation**
Muhammad Abdul Jalil, Bangladesh University of Engineering and Technology, Bangladesh
- 14:10-14:35 **Title: Utilization of urine and weed of *Chromolaena odorata* as a basic materials for liquid fertilizer**
Syamsuddin Hasan, Hasanuddin University, Indonesia
- 14:35-15:00 **Title: Treatment Process of CDW: Promising link to complete circular economy in the civil engineering**
Lauredan Le Guen, French Institute of Science and Technology for Transport, France
- 15:00-15:25 **Title: Onsite generation of electricity from discharged urine from male toilets in commercial, industrial and institutional buildings**
Ann T W Yu, The Hong Kong Polytechnic University, Hong Kong
- 15:25-15:50 **Title: Ten actions towards Zero Waste: Practical actions for Municipalities, citizens and companies**
Roberto Cavallo, E.R.I.C.A. soc. coop., Italy

Poster Presentations 15:50-16:10 @ Sylt Foyer

REC-01

Title: Removal of medicinal residues from water by adsorption on diatomite

Labioud Kotbia, Research Center in Industrial Technologies, Algeria

REC-02

Title: An environmentally friendly method for industrial waste recycling

Mohamed Sulyman, Gdansk University of Technology, Poland

Networking and refreshments break 16:10-16:25 @ Sylt Foyer

Panel Discussion

Award Function & Closing Ceremony

