

WASTES

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Monday > 25 sept 2017

8h00	REGISTRATION		
9h00	Opening Ceremony		
9h30	Plenary Session I Challenges in seeing and valuing waste Professor Steve Evans - University of Cambridge (UK)		
	Room 1	Room 2	Room 3
	Wastes as Construction Materials	Waste as Fuels	Circular Economy
10h15	Miranda, T. Improvement of a clayey soil with alkaline activation of wastes	Durão, L. Pyrolysis of lipid wastes under different atmospheres: vacuum, nitrogen and methane	Alves, A. Sustainability and circular economy through PBL: engineering students' perceptions
10h30	Rios, S. Alkali-activated cement using slags and fly ash	Ortigueira, J. Food waste-to-energy: potential for fermentative hydrogen production	Abreu, M. Lean-Green synergy awareness: a Portuguese survey
10h45	Ferdosian, I. Effect of pozzolanic industrial wastes on durability of engineered cementitious composites (ECC)	Tilahun, E. Performance of new membrane and classical bioscrubber for selective biogas desulfurization	Baptista, A. MAESTRI efficiency framework as a support tool for industrial symbiosis implementation
11h00	Dias-Ferreira, C. Recycling of MSWI fly ash in clay bricks – effect of washing and electrodialytic treatment	Costa, E. Acid esterification vs glycerolysis of acid oil soapstock for FFA reduction	Rangel, B. Valorisation of different wastes: a sustainable approach in the design of new products

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11h15	Coffee break		
	Room 1	Room 2	Room 3
	Recycling of Wastes and Materials Recovery	Environmental, Economic and Social Aspects in Waste Management	Circular Economy
11h45	Sadeghi, S. Environmental-friendly strategies for recycling zinc efficiently from spent alkaline batteries	Góis, J. The influence of environmental awareness of population on the success of waste management plan in Angola	Moreira, F. A step forward on cleaner production: remanufacturing and interchangeability
12h00	Paiva, A. Recycling of platinum-group metals from spent catalysts: a short review on the liquid-liquid extraction of palladium	Safarik, I. Magnetically modified food and agricultural wastes as potential adsorbents for pollutants removal	Neto, I. Recycling of Ag, Al, Cu AND Pb from spent printed circuit boards - a contribution to the circular economy
12h15	Wegscheider, S. Process development for a combined treatment of EAFD and jarosite	Barreiros, A. Ship-generated waste management in port of Lisbon	Soares, M. The potential in Portugal for the production of 1st and 2nd generation of bioplastics
12h30	Lunch		
14h00	Plenary Session II By-products from metallurgical operations - An important secondary metal resource for Europe Professor Jurgen Antrekowitsch - University of Leoben (Austria)		
	Room 1	Room 2	Room 3
	Waste Treatment Technologies	MSW Management	Environmental, Economic and Social Aspects in Waste Management
14h45	Fabre, E. Mercury removal by agricultural wastes	Dinç, G. Disposal of municipal solid waste by plasma gasification	Santos, T. Environmental impacts on the use of biomass fly ashes in horticultural plants fertigation

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15h00	Arim, A. Removal of Cr(III) from aqueous solutions by modified lignocellulosic waste	Dong, J. Co-effect of calcium oxide as in-situ catalyst on CO ₂ and HCL removal for high-quality syngas production during MSW gasification	Dvalishvili, N. Impact of alternative methods of disposal of municipal solid waste on climate change in Georgia
15h15	Pardo, M. Management of aqueous waste streams by anodic oxidation	Faria, T. Co-digestion of municipal solid waste, manure and chicken dung in Malta	Mina, I. Evaluation of plants' growth and rizhosphere microfauna of Sedum album, Armeria maritima AND Rosmarinus officinalis var. prostatus in green roofs' pilot systems with different substrates: effect of industrial wastes
15h30	Nogueiras, V. Heterogeneous electro-fenton process for the remediation of wastewater polluted with ionic liquids	Silva, E. Anaerobic digestion sludge composting - assessment of the star-up process	Rani, B. Hazards identification in waste collection systems. A case study
15h45	Martins, R. Technology transfer approach using membrane separation processes - potential applications on wine and cheese industries in an inner region of Portugal	Fernandes, M. Formulation of waste mixtures towards effective composting: a case study	Amant, V. Methodology for the assessment of non-hazardous waste treatment areas
16h00	Pinheiro, C. Efficiency of regeneration by solvent extraction for different types of waste oil	Machado, T. Garden waste quantification using home composting on a model garden	Fernando, A. Phytoremediation of soils contaminated with Lead by Arundo donax L
16h15	Coffee break		
	Room 1	Room 2	Room 3
	Waste Treatment Technologies	MSW Management	Environmental, Economic and Social Aspects in Waste Management
16h45	Bongiovani, M. PAC and tannin as coagulants in swine slaughterhouse wastewater treatment	Silva, E. Overview of one operation and control manual of anaerobic digesters	Delvasto, P. Leaching characteristics of co-bearing glasses obtained from spent Li-ion batteries

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17h00	Costa, F. Diethylketone and Cd pilot-scale biosorption by a biofilm supported on vermiculite	Lorena, A. Going beyond 2020: development pathways for the Portuguese MSW management system post-2020	Lourenço, E. Outlining strategies to improve eco-efficiency and efficiency performance
17h15	Quinta-Ferreira, R. Biosolids production and COD removal in activated sludge and moving bed biofilm reactors	Moujanni, A. Effects of sanitary landfill leachate recirculation on biogas production and waste stabilization. A laboratory scale study	Dias-Ferreira, C. Separate collection of packaging waste: characterization and impacts
17h30	Bian, W. Effect of organic carbon on nitrification performance in a continuous MBBR at low temperature through ratio control	Machado, T. The effect of efficient microorganisms on compost conductivity	Henriques, B. Valorization of agroindustrial wastes as biosorbents for water treatment: a promising approach?
17h45	Poster Session		
20h00	Conference Dinner		