

Monday > 25 sept 2017

# WASTES

solutions  
treatments  
opportunities

8h00	<b>REGISTRATION</b>		
9h00	<b>Opening Ceremony - Main Auditorium</b> Carlos Martins - Portuguese State Secretary for the Environment Filipe Araújo - Councilman for Innovation and Environment, City Hall of Porto João Falcão e Cunha - Director of the Faculty of Engineering of the University of Porto Cândida Vilarinho - Chair of the Organizing Committee of Wastes 2017		
9h30	<b>Plenary Session I - Main Auditorium</b> <b>Challenges in seeing and valuing waste</b> Professor Steve Evans - University of Cambridge (UK) Chair: Lúgia Pinto		
	<b>Room B027 - Chair: Joel Oliveira</b>	<b>Room B032 - Chair: José C. Teixeira</b>	<b>Main Auditorium - Chair: Raul Figueiro</b>
	<b>Session A1: Wastes as Construction Materials</b>	<b>Session B1: Waste as Fuels</b>	<b>Session C1: Circular Economy</b>
10h15	<b>Miranda, T.</b> Improvement of a clayey soil with alkaline activation of wastes	<b>Gonçalves, M.</b> Pyrolysis of lipid wastes under different atmospheres: vacuum, nitrogen and methane	<b>Moreira, F.</b> Sustainability and circular economy through PBL: engineering students' perceptions
10h30	<b>Rios, S.</b> Alkali-activated cement using slags and fly ash	<b>Ortigueira, J.</b> Food waste-to-energy: potential for fermentative hydrogen production	<b>Abreu, M.</b> Lean-Green synergy awareness: a Portuguese survey
10h45	<b>Ferdosian, I.</b> Effect of pozzolanic industrial wastes on durability of engineered cementitious composites (ECC)	<b>Costa, E.</b> Acid esterification vs glycerolysis of acid oil soapstock for FFA reduction	<b>Baptista, A.</b> MAESTRI efficiency framework as a support tool for industrial symbiosis implementation
11h00	<b>Dias-Ferreira, C.</b> Recycling of MSWI fly ash in clay bricks – effect of washing and electro-dialytic treatment	<b>Barbosa, F.</b> Gasification of RDF from MSW - an overview	<b>Rangel, B.</b> Valorisation of different wastes: a sustainable approach in the design of new products

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11h15	<b>Coffee break</b>		
	<b>Room B032 - Chair: Javier Escudero</b>	<b>Room B027 - Chair: Cristina Queda</b>	<b>Main Auditorium - Chair: Margarida Quina</b>
	<b>Session D1: Recycling of Wastes and Materials Recovery</b>	<b>Session E1: Environmental, Economic and Social Aspects in Waste Management</b>	<b>Session C2: Circular Economy</b>
11h45	<b>Sadeghi, S.</b> Environmental-friendly strategies for recycling zinc efficiently from spent alkaline batteries	<b>Góis, J.</b> The influence of environmental awareness of population on the success of waste management plan in Angola	<b>Moreira, F.</b> A step forward on cleaner production: remanufacturing and interchangeability
12h00	<b>Paiva, A.</b> Recycling of platinum-group metals from spent catalysts: a short review on the liquid-liquid extraction of palladium	<b>Safarik, I.</b> Magnetically modified food and agricultural wastes as potential adsorbents for pollutants removal	<b>Neto, I.</b> Recycling of Ag, Al, Cu AND Pb from spent printed circuit boards - a contribution to the circular economy
12h15	<b>Wegscheider, S.</b> Process development for a combined treatment of EAFD and jarosite	<b>Barreiros, A.</b> Ship-generated waste management in port of Lisbon	<b>Mota, A.</b> The potential for production of 1st and 2nd generation bioplastics - the Portuguese case
12h30	<b>Lunch</b>		
14h00	<b>Plenary Session II - Main Auditorium</b> <b>C&amp;D Waste in Europe – Advances and challenges</b> Professor Castorina Vieira - FEUP (Portugal) Chair: Maria de Lurdes Lopes		
	<b>Main Auditorium - Chair: Fernanda Margarido</b>	<b>Room B013 - Chair: Fonseca e Almeida</b>	<b>Room B032 - Chair: André Ribeiro</b>
	<b>Session F1: Waste Treatment Technologies</b>	<b>Session G1: MSW Management</b>	<b>Session E2: Environmental, Economic and Social Aspects in Waste Management</b>
14h45	<b>Fabre, E.</b> Mercury removal by agricultural wastes	<b>Berardi, P.</b> Portugal lacks refuse derived fuel production from municipal solid waste	<b>Santos, T.</b> Environmental impacts on the use of biomass fly ashes in horticultural plants fertigation

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15h00	<b>Arim, A.</b> Removal of Cr(III) from aqueous solutions by modified lignocellulosic waste	<b>Dong, J.</b> Co-effect of calcium oxide as in-situ catalyst on CO <sub>2</sub> and HCL removal for high-quality syngas production during MSW gasification	<b>Dvalishvili, N.</b> Impact of alternative methods of disposal of municipal solid waste on climate change in Georgia
15h15	<b>Pardo, M.</b> Management of aqueous waste streams by anodic oxidation	<b>Faria, T.</b> Co-digestion of municipal solid waste, manure and chicken dung in Malta	<b>Mina, I.</b> 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	<b>Nogueiras, V.</b> Heterogeneous electro-fenton process for the remediation of wastewater polluted with ionic liquids	<b>Silva, E.</b> Anaerobic digestion sludge composting - assessment of the star-up process	<b>Rani, B.</b> Hazards identification in waste collection systems. A case study
15h45	<b>Martins, R.</b> Technology transfer approach using membrane separation processes - potential applications on wine and cheese industries in an inner region of Portugal	<b>Fernandes, M.</b> Formulation of waste mixtures towards effective composting: a case study	<b>Amant, V.</b> Methodology for the assessment of non-hazardous waste treatment areas
16h00	<b>Pinheiro, C.</b> Efficiency of regeneration by solvent extraction for different types of waste oil	<b>Campos, L.</b> Garden waste quantification using home composting on a model garden	<b>Fernando, A.</b> Phytoremediation of soils contaminated with Lead by Arundo donax L
16h15	<b>Coffee break</b>		
	<b>Main Auditorium - Chair: Ana Luisa Fernando</b>	<b>Room B013 - Chair: André Mota</b>	<b>Room B032 - Chair: Silvia Nebra</b>
	<b>Session F2: Waste Treatment Technologies</b>	<b>Session G2: MSW Management</b>	<b>Session E3: Environmental, Economic and Social Aspects in Waste Management</b>
16h45	<b>Bongiovani, M.</b> PAC and tannin as coagulants in swine slaughterhouse wastewater treatment	<b>Silva, E.</b> Overview of one operation and control manual of anaerobic digesters	<b>Delvasto, P.</b> Leaching characteristics of co-bearing glasses obtained from spent Li-ion batteries

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