

Wednesday 04 sept 2019

WASTES

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8h30	REGISTRATION		
9h30	<p>Opening Ceremony</p> <p>João Pedro Matos Fernandes – Minister of the Environment and Energy Transition Inês de Medeiros – Mayor of Almada City Council Virgílio Machado – Director of the NOVA School of Science and Technology Cândida Vilarinho – Chair of the Organizing Committee of Wastes 2019</p> <p>Room: Costa Azul</p>		
10h00	<p>Plenary Session I</p> <p>The thermodynamic limits of circular economy Professor Alicia Valero Delgado - University of Zaragoza (Spain) Chair: Margarida Gonçalves Room: Costa Azul</p>		
10h45	Coffee break		
	Room Costa Azul - Chair: Raul Figueiro	Room Caparica B - Chair: André Mota	Room Caparica A - Chair: Feliz Mil-Homens
	Session A1: Circular Economy and Wastes Refineries	Session B1: Recycling of Wastes and Materials Recovery	Session C1: MSW Management
11h15	<p>Carvalho, H. Motivations and barriers to industrial symbiosis – the fluidized bed sands case study</p>	<p>Nobre, C. Refused Derived Fuel char as a low-cost adsorbent for the cationic dye methylene blue</p>	<p>Lorena, A. 2035 MSW Targets: a scenario analysis for the Portuguese MSW management system</p>
11h30	<p>Quina, M. Management of tomato waste: biomethane production and nutrient recovery</p>	<p>Castro, L. M. Winery wastes: a potential source of natural dyes for textiles</p>	<p>Padrão, A. Organic municipal solid wastes: analyzing a system transition</p>
11h45	<p>Leite, P. Improvement of antioxidant compounds extraction by SSF from agro-food wastes</p>	<p>Santos, A. Impact of sewage sludge with eggshell on <i>Lepidium sativum</i> L. growth</p>	<p>Rocha, J. Preliminary evaluation of the potential performance of a future PAYT system in Portugal</p>

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12h00	Sousa, D. Production of bioactive compounds by solid-state fermentation of oilseed cakes	Lopes, D. Application of ultrasounds in the extraction process for food waste valorisation	Aguiar, R. Developing solutions for pay-as-you-throw information systems
12h15	Silva, G. A brief review on sustainable packaging materials	Kirkelund, G. M. Struvite quality assessment during electro-dialytic extraction	Góis, J. Estimation of biogas production by a landfill of Luanda using first-order-decay model
12h30	Silva, B. Circularity approach of mixed plastics in the development of Eco-sustainable railway sleepers	Oliveira, V. Effects of struvite recovered from wastes on crop cultivation	
12h45	Lunch		
	Room Caparica A - Chair: Joel Oliveira	Room Costa Azul - Chair: Joana Dias	Room Caparica B - Chair: Nuno Lapa
	Session D1: Wastes as Construction Materials	Session B2: Recycling of Wastes and Materials Recovery	Session E1: Wastes as Fuels
14h15	Ferreira, V. Pilot test involving pulp and paper industry wastes in road pavements	Silva, E. Influence of heavy metals fraction on quality of composts	Akkouche, N. CHP from dual-fuel engine using biogas of anaerobic digestion of dairy manure
14h30	Almeida, F. Resistance of geotextiles against mechanical damage caused by incinerator bottom ash	Luizio, M. Development of methodology for quantification of unsorted WEEE in scrap metal mixtures	Ortigueira, J. Dark fermentation sludge as nitrogen source for hydrogen production from food waste
14h45	Pereira, P. Use of recycled C&D wastes in unpaved rural and forest roads - feasibility analysis	Ottosen, L. M. Leaching of Cr from wood ash – discussion based on different extraction procedures	Cruz, M. Adding value to soapstocks from the vegetable oil refining: alternative processes

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15h00	Barbieri, L. Char valorization in construction materials	Pardilhó, S. Extraction of natural pigments from marine macroalgae waste	Costa, E. Recovery of byproducts from the rice milling industry for biofuel production
15h15	Nwaubani, S. e-Plastics as partial replacement for aggregates in concrete	Schatzmann, W. Assessment of by-products – from waste to values	Cavaleiro, A. J. Microbial conversion of oily wastes to methane: effect of ferric nanomaterials
15h30	Carlos, D. Mechanical damage of geotextiles caused by recycled C&DW and other aggregates	Oliveira, M. Technical and economical assessment of waste heat recovery on a ceramic industry	
15h45	Coffee break		
	Room Caparica A - Chair: José Góis	Room Costa Azul - Chair: Isabel Marques	Room Caparica B - Chair: Carlos Nogueira
	Session F1: Environmental, Economic and Social aspects in waste management	Session C2: MSW Management	Session H1: Waste Treatment Technologies
16h15	Rafael, J. Burying solid waste problems: sanitary landfill challenges in mainland Portugal	Fernández Braña, A. Benefits of introducing door-to-door separate collection in rural areas	Fernández, M. Nutrient extraction alternatives from Mixed Municipal Waste Compost
16h30	Madureira, R. Tag & sensing solutions overview for smart cities waste management	Rocha, J. Phosphorus flows in the portuguese agriculture and livestock sectors	Pinheiro, C. Effect of chemical additives on the regeneration of waste lubricant oil
16h45	Fernando, A. L. Is the production of Kenaf in heavy metal contaminated soils a sustainable option?	Mil-Homens, F. Analysis and strategy for the portuguese municipal waste management sector	Viegas, C. Bioremediation of seafood production effluents using microalgae

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17h00	Trigueiros, P. MANTO Project – Design for social inclusion in Póvoa de Lanhoso	Ribeiro, A. RES2VALHUM - Valorization of organic residues by production of humic and fulvic substances: Creation of resource management tool	Santos, A. Isothermal drying of sewage sludge with eggshell for soil applications
17h15-18h00	Poster Session Room: Almada		