

Thursday > 05 sept 2019

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9h15	<p>Plenary Session II Why and how inherent metal species can impact the pyrolysis and gasification efficiency of biomass and biowaste Professor Ange Nzihou - IMT Mines Albi - Carmaux (France) Chair: Mário Costa Room: Costa Azul</p>		
	<p>Room Costa Azul - Chair: António Lorena</p>	<p>Room Almada - Chair: André Ribeiro</p>	<p>Room Caparica B - Chair: Ana Júlia Cavaleiro</p>
	<p>Session A2: Circular Economy and Wastes Refineries</p>	<p>Session I1: Logistics, Policies, Regulatory Constraints and Markets in Waste Management</p>	<p>Session E2: Wastes as Fuels</p>
10h00	<p>Pais, C. Valorization of urban biowaste for the production of volatile fatty acids to be used in fermentation processes</p>	<p>Bringsken, B. Innovation policy: introduction and consolidation of PAYT waste tariffs in Portugal</p>	<p>Mauro, B. Behavior of pellets combustion produced with pine and RDF (Refused derived fuel) in a domestic boiler</p>
10h15	<p>Cartaxo, M. Solid waste valorisation for wastewater treatment processes</p>	<p>Borzecka, M. European wood waste platform: best practices in wood waste management</p>	<p>Salvati, J. Chemical and thermal properties of mixtures of fuel derived from waste and pine</p>
10h30	<p>Pedras, B. Fractionation of red wine grape pomace by subcritical water extraction/hydrolysis</p>	<p>Muzenda, E. Impacts of waste management practices on water resources in Harare</p>	<p>Vaca-Medina, G. Biorefinery of microalgae: industrial symbiosis</p>
10h45	<p>Cunha, M. Valorization of cork using subcritical water</p>		<p>Costa, M. Soot formation during the gasification of wheat straw in a drop tube furnace</p>
11h00	<p>Coffee break</p>		

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	Room Caparica B - Chair: Luisa Barbieri	Room Costa Azul - Chair: Bruno Silva	Room Almada - Chair: Eduardo Ferreira
	Session D2: Wastes as Construction Materials	Session B3: Recycling of Wastes and Materials Recovery	Session E3: Waste as Fuels
11h30	Segadães, L. Stabilizing municipal solid waste incineration residues with alternative binders	Adl, A. Systematic approach in waste management and recycling	Cavaleiro, A. J. Biohydrogen and biomethane production from garden and food waste co-fermentation
11h45	Coelho, J. Soil stabilized with alkali activated slag at various concentrations of activator	Pinheiro, V. Application of industrial wastes in substrates for ecological green roofs	Santos, C. Energetic valorization of a heterotrophic microalga residue from biodiesel production through anaerobic digestion
12h00	Segundo, I. Incorporation of steel slag and reclaimed asphalt into pavement surface layers	Carneiro, J. Development of recycled geotextiles towards circular economy	Fernandes, M. C. Globe artichoke post-harvest biomass and its potential in producing sugars for bioethanol
12h15	Oliveira, J. May recycled concrete be used as an alternative material for asphalt mixtures?	Lopes, B. Industry 4.0 in waste management	Surra, E. Effect of biochar on biogas production
12h30	Lancellotti, I. Construction and demolition waste (CDW) valorization in alkali activated bricks	Paiva, A. P. Ionic liquids in the solvent extraction of platinum-group metals - How far can they go?	
12h45	Lunch		
	Room Almada - Chair: Jorge Araújo	Room Caparica B - Chair: Margarida Quina	Room Costa Azul - Chair: Célia Ferreira
	Session F2: Environmental, Economic and Social aspects in waste management	Session H2: Waste Treatment Technologies	Session B4: Recycling of Wastes and Materials Recovery
14h15	Duarte, J. Development of an integrated model of circular reconstruction - Environmental and economic impact of a case study	Fraga, L. Application of Taguchi method for emission and temperature measurement in wood pellets combustion	Lapa, N. Tungstate adsorption onto porous carbons obtained from rice wastes

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14h30	Baquero, M. Food waste and food loss definitions: uses, similarities and differences	D'arc Coura, R. Nutrient removal from agricultural waste by struvite precipitation	Rozumova, L. Characterization of converter sludge as sorbent for nickel ions reduction
14h45	Coelho, M. Future prospects for the agro-industrial waste sector - Block-chain as a driver of the circular economy	Carvalho, M. F. Restoration of soil pH for red pak choi production using organomineral fertilizer from the treatment of winery wastewater by a chemical precipitation process	Roman, F. Production of low-cost hydrochars by hydrothermal carbonization of compost: Kinetic modeling and treatment of the generated liquid effluent by Fenton
15h00	Góis, J. The role of educational programs on the municipal solid waste management in Angola	Gomes, L. Phytoremediation potential of perennial crops in soils contaminated with heavy metals	Alvarenga, P. Biowaste-based amendments in agroecosystems: when the increase in soil organic matter and overall soil quality face some threats
15h15	Madureira, R. Data communications solutions overview for smart cities waste management	Cumbane, B. Remediation of soils contaminated with heavy metals with kenaf	Antelo, J. Influence of the feedstock material on the compost maturity, stability and reactivity
15h30		Marques, I. Hybrid anaerobic reactor: brewery wastewater and piggery effluent valorisation	Valério, N. Giving cigarettes a second life: E-tijolo project
15h45	Coffee break		
	Room Almada - Chair: Fernando Castro	Room Almada - Chair: Muriel Iten	Room Caparica B - Chair: Carlos Afonso
	Session B5: Recycling of Wastes and Materials Recovery	Session H3: Waste Treatment Technologies	Session G1: Life Cycle Assessment
16h15	Cruz, N. Geochemical modelling approach for the leaching of major and trace elements from biomass ash and organic waste amended mining soils: Life no-waste project field demonstration	Safarik, I. Magnetically responsive algae and seagrass derivatives for pollutant removal	Pires, A. Environmental product declaration of recycled aggregates: a LCA approach

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16h30	Moalosi, T. Beneficiation of iron from a smelter slag in Botswana	Hameedi, S. Stabilization of active acetylene by-product via sequestration of CO ₂	Fernández Braña, A. Testing scenarios for municipal waste management chasing carbon neutrality
16h45	Braga, F. Meshophilic aerobic co-composting of winery wastes	Auer, M. "2sDR" An innovative mini mill concept for EAF-dust recycling	Gautam, A. Evaluation of areca palm renewable options to replace disposable plastic containers using Life Cycle Assessment
17h00	Bessa, J. Physical and chemical characterization of pineapple leaf fiber for structural applications	Pospiskova, K. Composite materials and techniques employing magnetic response - smart tools for environmental applications	Freire, A. C. Life Cycle Assessment (LCA) of reclaimed asphalt pavement (RAP) recycling in solutions for construction and rehabilitation of road pavements - portuguese experience
17h15	Gaibor, N. Development of alkali activated ceramic residue and fly ash blends	Ribeiro, A. Electrokinetic remediation technology applied to municipal sludge decontamination	Nhubu, T. Eutrophication impact potential of solid waste management options in Harare
17h30 - 18h00	<p>Plenary Session III The biodegradable and compostable products as tools for the correct collection of organic waste Professor Stefano Manbretti - Novamont (Italy) Chair: Ana Luísa Fernando Room: Costa Azul</p>		
19h30	<p>Conference Dinner Tenda Panorâmica Cristo Rei - Almada</p>		