

WASTES

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Monday > 14 sept 2015

8h	REGISTRATION		
9h30	Opening Ceremony - Auditorium Francisco Sampaio		
10h30	Keynote I - Auditorium Francisco Sampaio Waste management in a circular economy: challenges and opportunities Carlos Filho, ISWA: The International Solid Waste Association, Austria		
11h	Coffee break		
	Room 1	Room 2	Room 3
	Session A1: Wastes as construction materials Chair: Hugo Silva	Session B1: Wastes as fuels Chair: Fernando Castro	
11h30	Malça, C. Manufacturing of a road pin from wastes of tire and undifferentiated plastics	Ferreira, J. Quality requirements for the biomass in the SUDOE region	
11h45	Lancellotti, L. Wastes materials in geopolymers	Pardal, A. New raw materials for biodiesel production: preliminary study of the use of Melia A. L. seeds	
12h	Barbosa, A. Use of different inorganic solid wastes to produce glass foams	Akkouche, N. Kinetic study of the pyrolysis of the wastes tire components	

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12h15	Vieira, C. S. Characterization of construction and demolition wastes (C&DW)/geogrid interfaces	Silva, J. A. C. Fixed bed adsorption dynamics of CO ₂ /CH ₄ mixtures in zeolite 13X for biogas upgrading	
12h30	Lapa, N. Bioleaching of mortars and concretes containing bottom ashes from mswi plants	Oliveira, A. P. Fractionation of oily sludges produced in the treatment of hydrocarbon wastes	
13h	Lunch		
	Room 1	Room 2	Room 3
	Session A2: Wastes as construction materials Chair: Tiago Miranda	Session B2: Wastes as fuels Chair: Margarida Gonçalves	Session C1: Waste treatment Chair: Regina Monteiro
14h30	Hajjaji, W. Waste recycling in metakaolin based geopolymers	Ephraim, A. Co-pyrolysis of wood and plastic wastes: influence of plastic type and content on product yield and quality	Oliveira, A. S. Degradation of dyes indigoides with fenton reagent for effluent treatment in textile industries
14h45	Vázquez, V. F. Bituminous mixture with reclaimed asphalt pavement: acoustic assessment	Toneli, J. Effect of process parameters on energy density of briquettes composed by sugarcane residual biomass	Guimarães, R. Evaluation the feasibility of AIMD waste treatment focused in metal recovery
15h	Silva, H. Can oil, plastic and RAP wastes have a new life in novel asphalt mixtures?	Nobre, C. Characterization of biomass wastes for potential use as feedstock for pellet production	Costa, F. The effect of a joint clay-microorganism system to treat Ni and diethylketone solutions
15h15	Oliveira, J. Evaluation of foamed bitumen efficiency in warm asphalt mixtures recycling	Gonçalves, R. F. B. Evaluation of briquettes made from amazonian biomass waste	Quinta-Ferreira, R. M. Recycling of iron rich wastes for the chemical stabilization of olive mill solid wastes
15h30	Costa, L. Plastic waste use as aggregate and binder modifier in open-graded asphalts	Wu, Y. Y. Optimization of ethanol production from acidogenic fermentation of fruit and vegetable waste	Brás, I. Validation of humic substances extration methodology and its application in a landfill leachate

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15h45	Silva, C. F. The Mounds of Estremoz Marble Waste: between refuse and reuse	Nobre, C. Torrefaction effects on composition and quality of biomass wastes pellets	Guerra, W.N.A. Synthesis of doped TiO ₂ photocatalysts to increase their photocatalytic activity in the visible region
16h	Malça, C. Enhancement of a wood plastic composite tile design for green roofs	Longo, A. Upgrading of industrial RDF using torrefaction	Ahmed, S. Decolorization of metal complex dye reactive blue 221 by pseudomonas aeruginosa BDS23
16h15	Coffee break		
	Room 1	Room 2	Room 3
	Session A3: Wastes as construction materials Chair: Joel Oliveira	Session C2: Waste treatment Chair: Anabela Oliveira	
16h45	Demertzi, M. Recycling of used natural cork stoppers for the production of construction materials	Orive, M. New integrated polyphenols recovery and anaerobic digestion of Alpeorujo	
17h	Parchen, C. F. A. Prospective and experimental study of low density wood cement composite with wood waste and portland cement	Oliveira, F. Aspergillus ibericus lipase production by solid-state fermentation of olive pomace	
17h15	Hajjaj, W. Mining tailing reuse in sulfobclitic clinker formulations	Candy, L. Microwave assisted extraction of hydroxycinnamic acids from industrial hemp dust	
17h30	Sarkkinen, M. A waste rock and bioash mixture as a road stabilization product	Viegas, C. Bioremediation of poultry industries effluents using microalgae	
18h-18h30	Poster Session - Library of Barbosa Romero		
19h	Welcome reception - S. Domingos Church		