

Tuesday > 26 sept 2017

# WASTES

solutions  
treatments  
opportunities

Plenary Session III - Main Auditorium			
By-products from metallurgical operations - An important secondary metal resource for Europe			
Professor Jurgen Antrekowitsch - University of Leoben (Austria)			
Chair: Fernando Castro			
9h30			
	Room B026 - Chair: Tiago Miranda	Main Auditorium - Chair: Eduardo Ferreira	Room B032 - Chair: Ana Andres
	Session A2: Wastes as Construction Materials	Session B2: Wastes as Fuels	Session D2: Recycling of Wastes and Materials Recovery
10h15	<b>Vieira, C.</b> Geotechnical characterization of recycled C&D wastes for use as trenches backfilling	<b>Vonk, G.</b> Performances and pollutants analyses of solid recovered fuel wood and wood air gasification in downdraft reactors	<b>Bessa, J.</b> Recovery of the polymer content of electrical cables for thermal and acoustic insulation
10h30	<b>Petriaev, A.</b> Construction wastes application for environmental protection	<b>Solar, J.</b> Transformation of biomass forestry waste in blast furnace green injectant	<b>Chepushtanova, T.</b> Processing of metallurgical wastes with obtaining iron oxides nanopowders
10h45	<b>Kozelnik, P.</b> Selected methods for the dredged bottom sediments management	<b>Loubar, K.</b> Truck tire pyrolysis optimization using the self-produced carbon black as a catalyst	<b>Vieceli, N.</b> Selective extraction of lithium from spent lithium-ion batteries
11h00	<b>Khadra, B.</b> Recycled synthetic waste fibres for the reinforcement of concrete	<b>Guzman, D.</b> Design of a laboratory scale circulating fluidized bed gasifier for residual biomass	<b>Mamyrbayeva, K.</b> Extraction of copper from dumps and tails of leaching by hydrochloric acid
11h15	<b>Coffee break</b>		
	Room B026 - Chair: Conceição Alvim	Main Auditorium - Chair: Margarida Gonçalves	Room B032 - Chair: Ana Segadães
	Session G3: MSW Management	Session B3: Wastes as fuels	Session D3: Recycling of Wastes and Materials Recovery
11h45	<b>Carneiro, J.</b> Mechanical damage of a nonwoven geotextile induced by recycled aggregates	<b>Ribeiro, A.</b> Effect of temperature in RDF pyrolysis	<b>Tchikwala, E.</b> Activated carbons from Angolan wood wastes for the adsorption of MCPA pesticide

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12h00	<b>Miranda, S.</b> Waste cooking oils: low-cost substrate for co-production of lipase and microbial lipids	<b>Dias, D.</b> Chars from co-gasification of rice wastes as Cr(III) removal agents	<b>Lapa, N.</b> Efficient activated carbons from chars of the co-pyrolysis of rice wastes
12h15	<b>Dinç, G.</b> Disposal of municipal solid waste by plasma gasification	<b>Castro, C.</b> Potential of exhausted olive pomace for gasification	<b>Pereira, P.</b> Damage induced by recycled C&D Wastes on the short-term tensile behaviour of a geogrid
12h30	<b>Lunch</b>		
	<b>Room B032 - Chair: André Mota</b>	<b>Room B006 - Chair: Nuno Lapa</b>	<b>Main Auditorium - Chair: Joana Dias</b>
	<b>Session F3: Waste Treatment Technologies</b>	<b>Session B4: Wastes as Fuels</b>	<b>Session D4: Recycling of Wastes and Materials Recovery</b>
14h30	<b>Marques, I.</b> Dairy cow effluent: enzymatic hydrolysis as pre-treatment of anaerobic digestion	<b>Nebra, S.</b> Energetic recovery of municipal solid waste scenario in São Paulo State, Brasil	<b>Bessa, J.</b> Recovery of wood dust in composite materials
14h45	<b>Marques, I.</b> Microalgae biomass: mechanical and thermal pre-treatment for anaerobic digestion	<b>Laide, A.</b> Waste to energy as a complementary energy source in Abuja, Nigeria	<b>Rozumova, L.</b> Modified biological sorbents from waste for removal of metal ions from water system
15h00	<b>Diez, A.</b> Optimization of pharmaceutical compound degradation under different advanced oxidation processes	<b>Dursun, S.</b> Removal of wastewater treatment sludge by incineration	<b>Nunes, A.</b> Olive pomace phenolics extraction: conventional vs emergent methodologies
15h15	<b>Rafael, A.</b> Pharmaceutical wastewater treatment with electroperoxicoagulation (EPC)	<b>Dias, A.</b> Double benefit biodiesel produced from waste frying oils and animal fats	<b>Araújo, D.</b> Suitability of agroindustrial residues for cellulose-based materials production
15h30	<b>Leone, K.</b> Production of a biolubricant base oil from soybean biodiesel and NPG using a new biocatalyst from rhizomucor miehei obtained from agroindustrial byproducts	<b>Nunes, I.</b> Biodiesel production using residual materials	<b>Ayturan, Z.</b> Solid waste recycling from industrial facilities in Turkey

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15h45	<b>Tassoni, L.</b> Possible uses of soybean hulls and their derivatives in wastewater treatment		
16h00	<b>Coffee break</b>		
	<b>Main Auditorium - Chair: Jorge Araújo</b>		<b>Room B032 - Chair: André Ribeiro</b>
	<b>Session D5: Recycling of Wastes and Materials Recovery</b>		<b>Session E4: Environmental, Economic and Social Aspects in Waste Management</b>
16h30	<b>Ribeiro, L.</b> Valorization of waste cellulosic materials to sorbitol by hydrolytic hydrogenation		<b>Nobre, C.</b> Industrial landfill leachate pretreatment using bottom ash from ceramic furnaces
16h45	<b>Cerejeira, J.</b> EEE fees and the WEEE system – a model of efficiency and income in European countries		<b>Jorge, V.</b> Physical-chemical pretreatment and phytoremediation of landfill leachate: an integrated approach
17h00	<b>Gomes, J.</b> Doped TiO <sub>2</sub> catalysts and Ozone for parabens mixtures degradation		<b>Carvalho, S.</b> Pathways to decarbonisation of the cement industry: a life cycle assessment of co-processing
17h15	<b>Closing Ceremony - Main Auditorium</b> Luisa Magalhães - Executive Director of Smart Waste Portugal Maria de Lurdes Lopes - Chair of the Organizing Committee of Wastes 2017 Margarida Gonçalves - Chair of the Organizing Committee of Wastes 2019		