

Tuesday > 26 sept 2017

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Plenary Session III Developing the adoption of recycled materials for use in structural concrete Professor Ravindra K Dhir - University of Birmingham (UK)			
	Room 1	Room 2	Room 3
	Wastes as Construction Materials	Wastes as Fuels	Recycling of Wastes and Materials Recovery
9h30			
10h15	Khadra, B. Recycled synthetic waste fibres for the reinforcement of concrete	Vonk, G. Performances and pollutants analyses of solid recovered fuel wood and wood air gasification in downdraft reactors	Pereira, P. Damage induced by recycled C&D Wastes on the short-term tensile behaviour of a geogrid
10h30	Vieira, C. Geotechnical characterization of recycled C&D wastes for use as trenches backfilling	Solar, J. Transformation of biomass forestry waste in blast furnace green injectant	Chepushtanova, T. Processing of metallurgical wastes with obtaining iron oxides nanopowders
10h45	Sakharova, A. Construction wastes application for environmental protection	Akkouche, N. Truck tire pyrolysis optimization using the self-produced carbon black as a catalyst	Vieceli, N. Selective extraction of lithium from spent lithium-ion batteries
11h00	Koszelnik, P. Selected methods for the dredged bottom sediments management	Guzman, D. Design of a laboratory scale circulating fluidized bed gasifier for residual biomass	Mamyrbayeva, K. Extraction of copper from dumps and tails of leaching by hydrochloric acid
11h15	Coffee break		
	Room 1	Room 2	Room 3
	MSW Management	Wastes as fuels	Recycling of Wastes and Materials Recovery
11h45	Carneiro, J. Mechanical damage of a nonwoven geotextile induced by recycled aggregates	Ribeiro, A. Effect of temperature in RDF pyrolysis	Tchikwala, E. Activated carbons from Angolan wood wastes for the adsorption of MCPA pesticide

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12h00	Berardi, P. Waste cooking oils: low-cost substrate for co-production of lipase and microbial lipids	Dias, D. Chars from co-gasification of rice wastes as Cr(III) removal agents	Lapa, N. Efficient activated carbons from chars of the co-pyrolysis of rice wastes
12h15	Berardi, P. Portugal lacks refuse derived fuel production from municipal solid waste	Castro, C. Potential of exhausted olive pomace for gasification	Bessa, J. Recovery of the polymer content of electrical cables for thermal and acoustic insulation
12h30	Lunch		
	Room 1	Room 2	Room 3
	Waste Treatment Technologies	Wastes as Fuels	Recycling of Wastes and Materials Recovery
14h30	Marques, I. Dairy cow effluent: enzymatic hydrolysis as pre-treatment of anaerobic digestion	Simão, N. Energetic recovery of municipal solid waste scenario in São Paulo State, Brasil	Bessa, J. Recovery of wood dust in composite materials
14h45	Marques, I. Microalgae biomass: mechanical and thermal pre-treatment for anaerobic digestion	Laide, A. Waste to energy as a complementary energy source in Abuja, Nigeria	Rozumova, L. Modified biological sorbents from waste for removal of metal ions from water system
15h00	Diez, A. Optimization of pharmaceutical compound degradation under different advanced oxidation processes	Cansu Ayturan, Z. Removal of wastewater treatment sludge by incineration	Nunes, A. Olive pomace phenolics extraction: conventional vs emergent methodologies
15h15	Macedo, M. Pharmaceutical wastewater treatment with electroperoxicoagulation (EPC)	Dias, A. Double benefit biodiesel produced from waste frying oils and animal fats	Araújo, D. Suitability of agroindustrial residues for cellulose-based materials production
15h30	Leone, K. Production of a biolubricant base oil from soybean biodiesel and NPG using a new biocatalyst from rhizomucor miehei obtained from agroindustrial byproducts	Teixeira, J. Gasification of RDF from MSW - an overview	Park, C. High value textile waste innovation challenges in Sri Lanka

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15h45	Tassoni, L. Possible uses of soybean hulls and their derivatives in wastewater treatment	Nunes, I. Biodiesel production using residual materials	Ayturan, Z. Solid waste recycling from industrial facilities in Turkey
16h00	Coffee break		
	Room 1	Room 2	Room 3
	Recycling of Wastes and Materials Recovery		Environmental, Economic and Social Aspects in Waste Management
16h30	Ribeiro, L. Valorization of waste cellulosic materials to sorbitol by hydrolytic hydrogenation		Jorge, V. Physical-chemical pretreatment and phytoremediation of landfill leachate: an integrated approach
16h45	Almeida, J. Electrodialytic recovery of phosphorus and organic contaminants removal from sewage sludge		Nobre, C. Industrial landfill leachate pretreatment using bottom ash from ceramic furnaces
17h00	Sousa, R. EEE fees and the WEEE system – a model of efficiency and income in European countries		Carvalho, S. Pathways to decarbonisation of the cement industry: a life cycle assessment of co-processing
17h15	Martins, R. Doped TiO ₂ catalysts and Ozone for parabens mixtures degradation		
17h30	Closing Ceremony		