

## Final Program

Time	December-2, Wednesday		
<b>17-19h</b>	<b>Registration</b>		
<b>18-20h</b>	<b>Welcome reception</b>		
Time	December-3, Thursday		Paper
<b>07:30-08:20</b>	<b>Registration</b>		
<b>8:20</b>	<b>Opening session</b>		
<b>8:30 to 9:15</b>	Durability of materials obtained with recycled aggregates	KP	<b>Enric Vazquez</b>
<b>9:15 to 9:27</b>	The feasibility of using natural self-ground rice husk ash in structural concrete	44	Geraldo Cechella Isaia
<b>9:27 to 9:39</b>	Construction of a cable-stayed bridge with recycled concrete in Valencia, Spain	60	Marta Sanchez de Juan
<b>9:39 to 9:51</b>	Influence of recycling fluid catalytic cracking on properties of fresh cement pastes	19	Gladis Camarini
<b>9:51 to 10:03</b>	Design and execution of soil-cement layers with C&D materials	32	Javier Ainchil
<b>10:03 to 10:15</b>	Methodological approach to the analysis of steel corrosion in recycled aggregate concrete for structural use	62	Vivian Andrea Ulloa
<b>10:15 to 10:27</b>	Quantification of mineral admixtures content on cement by Rietveld method	66	Luciano Gobbo
<b>10:27 to 10:39</b>	<b>Discussion. Chairman: Vanderley M. John, University of Sao Paulo, Brazil</b>		
<b>10:40 to 11:00</b>	<b>Coffee-break</b>		
<b>11:00 to 11:45</b>	State-of the art of wood waste management	KP	<b>Timothy Townsend</b>
<b>11:45 to 11:57</b>	Experimental section of concrete pavement using thin aggregates	31	Javier Ainchil
<b>11:57 to 12:09</b>	Laboratory investigation on the use of stabilized bottom ashes for road pavements	25	Emanuele Toraldo
<b>12:09 to 12:21</b>	Analysis of roller compacted pavements made from recycled concrete aggregate for use in Spain	61	Vivian Andrea Ulloa
<b>12:21 to 12:33</b>	Use of paper industry waste in civil works	18	Javier Ainchil
<b>12:33 to 12:45</b>	Management of waste generated by a group of concrete plants	57	Javier Lorenzo
<b>12:45 to 12:57</b>	Study of alternatives for sustainable management of construction waste (CCW)	23	Alexandre Gusmão
<b>12:57 to 13:09</b>	<b>Discussion. Chairman: Mario Bassan, Institution Politécnico Di Milano, Italy</b>		
<b>13:15 to 14:30</b>	<b>Lunch</b>		
<b>14:30 to 15:15</b>	Quality parameters of recycled aggregates – conclusions under the aspects of the concrete and processing technology	KP	<b>Anette Muller</b>
<b>15:15 to 15:27</b>	An automated test method for density in the saturated surface dry state (SSD) of porous granular materials	14	Jörg Kropp
<b>15:27 to 15:39</b>	Quantitative assessment of waste management in Brazilian construction sites	11	Alberto Lordsleem Jr.
<b>15:39 to 15:51</b>	New foundations for the building industry: nine basic concepts to promote sustainability	39	José A. Azambuja
<b>15:51 to 16:03</b>	Collaborative tool for optimization and management of raw material and waste from various sectors of industry	54	Marisa Borges
<b>16:03 to 16:15</b>	Estimation Method of Production and Composition of Construction and Demolition Debris	26	Isabel Martínez Lage
<b>16:15 to 16:27</b>	<b>Discussion. Chair person: Isabel M. Martins, Laboratório Nacional de Engenharia Civil, Portugal</b>		
<b>16:30 to 16:50</b>	<b>Coffee-break</b>		
<b>16:50 to 17:02</b>	Recycling in greater demolition projects and exploitation of the Irma city concept	51	Erik Krogh Lauritzen
<b>17:02 to 17:14</b>	Gear project - an ambitious participative project	27	Elaine Varela
<b>17:14 to 17:26</b>	Gear project - diagnosis of the current recycling situation in Spain	28	Elaine Varela
<b>17:26 to 17:38</b>	Utilization of grog (waste ceramic fired) to manufacturing of ceramic bricks: case study in ceramic industry in the state of Goiás, Brazil	48	Fernanda Gouveia
<b>17:38 to 17:50</b>	Demolition Waste: Maximum or Optimal Recycling?	46	Luiz Mello
<b>17:50 to 18:02</b>	<b>Discussion. Chairman: Jorge de Brito, Instituto Superior Técnico- Depto. De Eng. Civil e Arquitectura, Portugal</b>		
<b>20:00 - 22:00 Conference Dinner (optional)</b>			

*Oral presentations:* 12 minutes; 12 min for discussions at the end of each session

*Keynote presentations:* 35 min + 10 min discussion

*Languages:* Portuguese or English (simultaneous translation). Slides must be in English.

Time	December-4, Friday	Paper
<b>8:20</b>	<i>Opening session</i>	
<b>8:30 to 9:15</b>	Turning wastes to environmentally friendly construction products	KP <b>Chi Sun Poon</b>
<b>9:15 to 9:27</b>	Influence of proportioning criteria on recycled concrete properties	22 Fernando L. Gayarre
<b>9:27 to 9:39</b>	Structural concretes made from recycled precast elements	29 Marco Quattrone
<b>9:39 to 9:51</b>	The influence of curing conditions on the mechanical performance of concrete made with recycled concrete waste	20 Jorge de Brito
<b>9:51 to 10:03</b>	The influence of curing conditions on the durability performance of concrete made with recycled concrete waste	21 Jorge de Brito
<b>10:03 to 10:15</b>	Execution of concrete waffle slab recycled aggregate to be used in prefabricated elements in Spain	63 Vivian Andrea Ulloa
<b>10:15 to 10:27</b>	Influence of the diameter of the bar and CDW content on the bond behavior of recycled reinforced concrete	47 Monica Batista Leite
<b>10:27 to 10:39</b>	<b>Discussion. Chair person: Marta Sanchez de Juan, CEDEX, Spain</b>	
<b>10:40 to 11:00</b>	<i>Coffee-break</i>	
<b>11:00 to 11:45</b>	Advanced technologies of concrete recycling in Japan	KP <b>Takafumi Noguchi</b>
<b>11:45 to 11:57</b>	Application of earth pressure balance tunnel boring machines sludge in construction projects	24 Javier Ainchil
<b>11:57 to 12:09</b>	Mixed recycled aggregates characterization for being used in non structural concrete: influence of the treatment process	6 Amaia Lisbona
<b>12:09 to 12:21</b>	Development of a separation process for gypsum contaminated concrete aggregates	16 Thomas Schnellert
<b>12:21 to 12:33</b>	Mixed recycled aggregates characterization for application in manufacture of non structural concrete: correlations between physical and chemical properties	42 Francisco Agrela
<b>12:33 to 12:45</b>	Semi-experimental formulas to predict the reactions between mechanical properties of recycled concrete	30 Siavash Ahmadi
<b>12:45 to 12:57</b>	Assessing the eco-efficiency of recycling waste in concrete	65 Bruno Damineli
<b>12:57 to 13:09</b>	<b>Discussion. Chairman: Erik Krogh Lauritzen, Niras Demex, Denmark</b>	
<b>13:15 to 14:30</b>	<i>Lunch</i>	
<b>14:30 to 15:15</b>	Fine construction products from waste fines	KP <b>Jorg Kropp</b>
<b>15:15 to 15:27</b>	Study of the consistence and mechanical behavior of recycled mortars	53 Monica Batista Leite
<b>15:27 to 15:39</b>	State-of-the-art on the use of fine recycled aggregates in concrete production	36 Jorge de Brito
<b>15:39 to 15:51</b>	Use of the recycled polystyrene as polymer admixture to produce polymer modified mortar	12 Leila Motta
<b>15:51 to 16:03</b>	The fine fraction of construction and demolition waste	68 Isabel Martins
<b>16:03 to 16:15</b>	Variability of composition of mixed CD waste from three Brazilian cities	64 Carina Ulsen
<b>16:15 to 16:27</b>	Technological characterization of recycled sands from C&D waste	67 Gustav Hawlitschek
<b>16:27 to 16:39</b>	<b>Discussion. Chairman: Geraldo Cechella Isaia, Federal University of Santa Maria, Brazil</b>	
<b>16:40 to 17:00</b>	<i>Coffee-break</i>	
<b>17:00 to 17:12</b>	Gypsum plastering: waste evaluation	40 Gladis Camarini
<b>17:12 to 17:24</b>	Interaction between waste glass and recycled concrete aggregate as aggregate substitution in concrete	34 Nader Biglari Joo
<b>17:24 to 17:36</b>	Fine dredged marine sand on mortars	8 Jussara Limeira
<b>17:36 to 17:48</b>	Characterization and use of construction and demolition wastes (CDW) of workmanships in engineering	35 Thaisa Macedo
<b>17:48 to 18:00</b>	Analysis of the performance of plaster with addition of waste	38 Alexandre Gusmão
<b>18:00 to 18:12</b>	Production of concrete blocks with rubber and fines from basalt crushing	50 Alesandro Campos
<b>18:12 to 18:24</b>	<b>Discussion. Chairman: Sergio Cirelli Angulo, Technological Research Institute – IPT, Brazil</b>	
<b>18:30 Closing address</b>		

Transfer schedule (optional)		
Dec-2	<b>16:30</b>	Transfer from hotel to University of Sao Paulo
	<b>20:00</b>	Transfer to hotels
Dec-3	<b>7:30</b>	Transfer from hotel to University of Sao Paulo
	<b>18:00</b>	Transfer to hotels
	<b>19:45</b>	Transfer from hotels to the Conference Dinner
	<b>22:00</b>	Transfer to hotels
Dec-4	<b>7:45</b>	Transfer from hotel to University of Sao Paulo
	<b>19:00</b>	Transfer to hotels

\* the payment of the Conference Dinner includes the transfer from hotel to dinner but does not include the transfer from hotel to the Conference  
 \* any change on transfer schedule will be communicated during the plenary session