

Monday, October 2nd 2017 - PRELIMINARY						
07:30	Registration					
Room : ABC						
8:30-8:45	Session	Opening Remarks				
8:45-10:25	Keynote presentations	Surendra P. Shah, Northwestern University, USA				
		Cajun Shi, Hunan University, China				
		Douglas Hooton, University of Toronto, Canada				
		John Provis, University of Sheffield, United Kingdom				
10:25-11:00	Coffee Break		Coffee Break		Coffee Break	
Session	Room A	Session	Room B	Session	Room C	
11:00-12:30	2A Alternative SCM	Natural Pozzolans for Low Carbon Footprint, <i>A. Said, O. Saleh, M. Mahgoub</i>	2B Mechanical perf. and durability	Durability of self-compacting concrete incorporating slag and glass, <i>T. Ali-Boucetta, M. Behim, W. Laifa, F. Cassagnabere, M. Mouret</i>	2C Microstructure and hydration	Ion-leaching properties of blast furnace slag and fly ash under alkaline conditions, <i>W. Lee, K. Kim, S. Kang, M. Song</i>
		Powdered perlite application as type II addition in concrete, <i>M. Bačuvčík, J. Mendel, I. Janotka</i>		Effect of curing method and viscosity enhancer on freeze-thaw resistance of bfs concrete, <i>T. Fujii, M. Yamauchi, T. Ayano</i>		Using activation calorimetry to better assess slag reactivity, <i>Q. C. Nowasell, R. B. Henderson, J. T. Kevren</i>
		Investigating the feasibility of using reclaimed and remediated fly ashes as class F fly ash alternatives, <i>R. Ferron, R. Kalina, S. Al-Shmaisani, M. Juenger</i>		Delayed Ettringite Formation in Concrete Containing Limestone Filler, <i>M. A. Aqeel, D. K. Panesar</i>		Effect of alcohol structure on hydration of alkali-activated slag, <i>V. Bilek Jr., L. Kalina, R. Novotný, J. Pařízka, T. Opravil, F. Soukal</i>
		Effect of a pumice as pozzolanic material in high performance concrete, <i>J. Rivera-Torres, W. Wilson, A. Tagnit-Hamou, L. Sorelli, A. Durán-Herrera</i>		Influence of supplementary cementitious materials on the autogenous self-healing of cracks in cementitious materials, <i>I. Salama, B. Hilloulin, S. Medjigbodo, A. Loukili</i>		Reaction degree of fly ash in internally alkali-activated cement paste, <i>P. Trinh Bui, Y. Ogawa, K. Nakarai, K. Kawai</i>
12:30-14:00	Lunch					
14:00-15:30	3A Alternative SCM	Mix design of concrete with calcined dredging sediments as novel scm, <i>C. Van Bunderen, R. Snellings, L. Horckmans, L. Vandewalle, Ö. Cizer</i>	3B Mechanical perf. and durability	The ASR cracking in electrical concrete poles and its mitigating effects by fine flyashes, <i>T. Kubo, C. Sannoh, T. Hashimoto, K. Torii</i>	3C Microstructure and hydration	New insights into the retarding effect of aluminates on C3S hydration, <i>E. Pustovgar, M. Palacios, J.-B. d'Espinose de Lacaillerie, T. Matschei, N. Ruffray, R. Verel, R.J. Flatt</i>
		Characterization of glass powder residue as supplementary cementitious material, <i>L. Rodier, H. Savastano Junior</i>		Assessment of test methods to determination alkali-silica reaction (ASR) mitigation potential using metakaolin in new concrete pavement construction, <i>R. T. Sibbick</i>		Influence of pozzolanic materials on the hydration of calcium sulfoaluminate cements, <i>F. Winnefeld, L. H. J. Martin, E. Tschopp, C. J. Müller, B. Lothenbach</i>
		Potential for using waste recycled glass in engineered cementitious composites, <i>H. Slad, M. Lachemi, M. Sahmaran, K. M. Anwar Hossain</i>		Assessing the autogenous shrinkage of alkali-activated slag/fly ash mortar blends, <i>S. Uppalapati, Ö. Cizer</i>		Monitoring the hydration of cementitious material by acoustic emission, <i>E. Dildar Dzaye, G. De Schutter, D. Aggelis</i>
		Effect of Glass Powder (GP) on the availability of alkalis in the pore solution of binary cement pastes, <i>I. Fily-Paré, B. Fournier, J. Duchesne, A. Tagnit-Hamou</i>		Durability properties of fly ash blended cement concrete in inland environment, <i>Y. Alhassan, Y. Ballim</i>		New additions for the design of eco-efficient cements. analysis of pozzolanic activity kinetics, <i>G. Medina, J. M. Medina, I. F. Sáez del Bosque, M. Frías, M. I. Sánchez de Rojas, C. Medina</i>
15:30-16:00	Coffee Break		Coffee Break		Coffee Break	
16:00-17:30	4A Alternative SCM	Advances in the combined effect of activation for kaolinite based waste as pozzolan, <i>M. Frías, R. García, R. Vigil de la Villa, S. Martínez-Ramírez, L. Fernández-Carrasco, I. Vegas</i>	4B Mechanical perf. and durability	Chloride ingress in concrete containing GGBF slag or fly ash, <i>E. Nakamura, H. Koga</i>	4C Microstructure and hydration	Determination of the apparent activation energy of binary metakaolin-cement binders based on hydration rate and mechanical properties, <i>M. S. ABBAS, M. TAHLAITI, S. Bonnet, Z. Abdelfath</i>
		A comparison between the effect of replacing cement by granite and galala marble dust cement mortars, <i>P. Youssef, A. El Tair, A. El Nemr</i>		Increased concrete durability through internal curing, <i>C. Jones, D. Goad, M. Hale</i>		Full-scale reuse of ceramic sludge from the stages of enameling and milling in ceramic industry as component in cement-based materials, <i>M.I. Sánchez de Rojas, M. Frías, E. Sabador, C. Medina, E. Asensio, J. Rivera</i>
		Effect of pulverized burnt clay waste fineness and replacement level on the compressive strength of blended cement concrete, <i>E. O. Ajayi, A. J. Babafemi, B. J. Olawuyi</i>		Corrosion resistance of concrete incorporating supplementary cementing materials in a marine environment, <i>A. Fahim, E. G. Mofjatt, M. D.A. Thomas</i>		Modelling of Temperature-dependent Pozzolanic Reaction of low-calcium Fly Ash in Blended Cement Paste, <i>T. WANG, T. ISHIDA, Y. TAKAHASHI</i>
		Physical Properties of Cementitious materials with Carbonated Fluidized-bed Boiler Ash, <i>W. Lee, J. Kim, S. Ha, S. Kang, M. Song</i>		Influence of superabsorbent polymers (SAP) on fresh and early-age properties of high-performance concrete, <i>B. J. Olawuyi, W. P. Boshoff</i>		Chemo-mechanical properties of cement matrices with fly ash and slag, <i>W. Wilson, L. Sorelli, A. Tagnit-Hamou</i>

Tuesday, October 3rd 2017 - PRELIMINARY						
Registration						
07:30	Session	Room A	Session	Room B	Session	Room C
8:30-10:25	5A Alternative binders + mix design	GGBS cements activated by chloride: hydration and corrosion potential, <i>L. Steger, B. Salesses, C. Patapy, M. Chauouche, L. Frouin, M. Cyr</i>	5B Mechanical perf. and durability	Durability of concretes with alternative supplementary cementitious materials, <i>M. Saillio, F. Frohard, T. Chaussadent, L. Divet, A. Tagnit-Hamou</i>	5C Nanomaterials	Effect of cellulose filament on the performance of self-compacting concrete, <i>O. Hisseine, N. Basic, A. Omran, A. Tagnit-Hamou</i>
		Carbonation-activated steel slag binder as alternative cementing material, <i>Y. Shao, M. Mahoutian, Z. Ghoulch</i>		Investigation to study the effect of basalt fibres and GGBS on the durability of UHSC using rapid chlorine penetration test and mercury porosity test, <i>I. Patel, G. Gohil, A. Raval, J. Shah</i>		The development of particle-siloxane superhydrophobic admixtures for ultra-durable concrete, <i>I. Flores-Vivian, M. I. Kozhukhova, V. Hejazi, M. Nosonovsky, K. Sobolev</i>
		Activation of blast furnace slag by ettringite formation, <i>S.-H. Jeon, S.-M. Kang, M.-S. Song</i>		Suitability of alkali activated blended GGBS/Fly ash concrete for chloride environments, <i>D. Bondar, S. V. Nanukuttan, M. N. Soutsos, P. A. M. Basheer and J. L. Provis</i>		Effects of sol-gel derived nano-silica suspensions in cement paste, <i>D. P. A. Kodippili, E. Rezabeigi, M. R. Nokken, R. Drew</i>
		An alternative alumino-silicate binder based on the "just at water method" for special applications, <i>M. Brizginsky, K.-J. Hüngrer</i>		Carbonation resistance of mortar produced with alternative cements, <i>A. Leemann, H. Pahlke, F. Winnefeld</i>		Surfactants as dispersants for carbon nanotubes in water: Hydration of cement, <i>O. A. Mendoza Reales, Y. P. A. Jaramillo, C. Delgado, J. C. O. Botero, J. H. Quintero, R. Dias Toledo Filho</i>
		CSA-Based Ternary Binders For a Sustainable Concrete, <i>L. Coppola, D. Coffetti, S. Lorenzi</i>		Effect of curing conditions on early age and hardened properties of SCC, <i>G. Barluenga, C. Guardia, J. Puentes</i>		
10:25-11:00		Coffee Break		Coffee Break		Coffee Break
11:00-12:30	6A Alternative binders + mix design	Performance and properties of concrete made with calcined clays, <i>N. Beuntner, K.-C. Thienel</i>	6B Case studies and standards	Utilization of Cement Industry CO ₂ to Produce More Sustainable Concrete, <i>S. Monkman, M. MacDonald</i>	6C Rheology	The role of surface area and compacity of nanoparticles on the rheology of cement pastes, <i>O. A. Mendoza Reales, E. C. C. M. Silva, M. D. M. Paiva, P. Duda, R. Dias Toledo Filho</i>
		Low-Energy Alinite Cement from Soda Sludge Waste, <i>G. O. Uçal, M. Mahyar, M. Tokyay, İ. O. Yaman</i>		Field work of sidewalks cast with concrete incorporating glass powder, <i>A. Zidol, D. Harbec, M. Jerban, A. Tagnit-Hamou</i>		Compatible Admixtures for Low Clinker Cement Mortars and Concrete, <i>F. Boscaro, M. Palacios, P. Kruspan, R.J. Flatt</i>
		Influence of lime on the properties of cement-based materials, <i>R. Jaafri, A. Aboulayt, S.-Y. Alam, E. Roziere, A. Loukili</i>		Industrial production and use of a Portland calcined clay limestone cement, <i>F. Martirena, K. Scrivener</i>		Influence of silica fume, ground granulated blast furnace slag, fly-ash microsphere and limestone powder on oscillation rheological behavior of mortar, <i>Z. He, R. Jiang, Y. Li</i>
		Performance of lightweight self-consolidating concrete proportioned with different types of lightweight aggregate and cement replacement materials, <i>J. Kwasny, M. Sonebi, P. A. M. Basheer, S. E. Taylor, D. J. Cleland, W. Doherty</i>				Effects of superplasticizers on deferred deformations of concrete based silica fume, <i>M. Mouzali, M. N. Oudjit, K. Arroudj</i>
12:30-14:00				Lunch		
14:00-15:30	7A Alternative binders + mix design	Sustainability of Ultra High Performance Concrete with low Silica Fume contents, <i>G. Hernández-Carrillo, A. Durán-Herrera, P. L. Valdez-Tamez</i>	7B Case studies and standards	Silica fume in concrete technology: new case studie, <i>A. Vovk</i>	7C Rheology	Rheological study of effect of marine sediments for manufacture of bricks, <i>D. Benyerou, N. Boudjenane, M. Belhadri</i>
		The use of low-cement structural concrete as a sustainable alternative for civil industry, <i>S. Yousuf, S. A. Shammeh, D. Asirvatham, S. Dadsetan, L. F. M. Sanchez, M. Noël, M. Tagliaferri De Grazia, R. Ziapourrazlighi</i>		Silica Fume, A Recovered Mineral Component with A VERSATILE HISTORY IN CONCRETE INNOVATION, <i>E. Bühler</i>		Prediction of Concrete Behavior Using Concrete Equivalent Mortar Method, <i>F. Rouis, J. Pan, K. H. Khayat</i>
		Thermal effect of high volume fly ash concrete, <i>P. G. Gaunt, M. K. R. Versfeld, A. Ferreira, S. O. Ekolu</i>		Development of Test Methods and Specifications for Chemically Activated Binders, <i>R. D. Hooton, L. Sutter, M. Christiansen</i>		EFFECT OF BASALT & LIMESTONE POWDERS AS CEMENT PARTIAL REPLACEMENT ON Workability of Self-Consolidating Concrete, <i>D. Youness, A. Mechaymech, R. A. Wardany</i>
		Optimization performance of high volume fly ash-self consolidating mixtures with hydrated lime (Mortar component), <i>H. Alghazali, J. J. Myers</i>				Large amplitude oscillatory shear protocol applied to cement-based materials, <i>T. Conte, M. Chauouche</i>
15:30-16:00		Coffee Break		Coffee Break		Coffee Break
16:00-17:30	8A Multi component binders	Activated hybrid cementitious system, a green alternative for concrete production, <i>D. Velandia, C. Lynsdale, J. L. Provis, F. Ramirez</i>	8B Special concrete	Comparison Between UHPC and UHPGC-Rheological, Mechanical and Durability Properties, <i>N.A. Soliman, A.F. Omran, A. Tagnit-Hamou</i>	8C Rheology	Mechanical properties of hybrid fiber reinforced self-consolidating concrete, <i>B. Sigdel, O. Arowajolu, S. Nasrin, A. Ibrahim</i>
		Effects of ternary cements with limestone filler on def in concrete, <i>Y. Amine, N. Leklou, O. Amiri</i>		Multi-Investigation on the Effect of Nano-CaCO ₃ Particles on Performance of Ultra-High Performance Concrete, <i>Z. Wu, K. H. Khayat, C. Shi</i>		Properties of self-compacting concrete with natural and synthetic fibers, <i>T. Tiaua, A. Kriker, A. Bali, G. Barluenga, M. Behim</i>
		Effects of pre-hydration on compressive strength of quaternary binders, <i>S. Goto, T. A. Bier, K. Takahashi, T. Sakai</i>		Mixture Optimization Strategies of Ultra-High Performance Concrete with High Volume of Supplementary Cementitious Materials, <i>W. Meng, K. H. Khayat</i>		New slurry rheology modifier, <i>K. Nagasawa, Y. Sashihara, K. Koyanagi, T. Hamaguchi</i>
				Fresh Properties Development of ultra-high-strength fiber-reinforced concrete		
19:00				Evening social - Banquet		

Wednesday, October 4th 2017 - PRELIMINARY

Registration						
07:30	Session	Room A	Session	Room B	Session	Room C
8:30-10:25	9A Alkali activated materials	Rheological behaviour of alkali-activated slag concrete, F. Puertas, M. del Mar Alonso, M. Torres-Carrasco, B. González Fonteboa, I. González Taboada, G. Rojo, F. Martínez-Abella	9B Recycled materials	Durability of concrete made with recycled aggregates produced from returned concrete, G. Ferrari, A. Brocchi, L. Torelli, G. Artioli, M. Secco	9C Biosourced materials	Prediction of hemp concrete morphological deformation by x-ray tomography, K. Abahri, C. El Hachem, F. Bennai, N. Toan, R. Belarbi
		Performance Evaluation of lightweight geopolymer concrete, H. El-Hassan, N. Ismail		The influence of recycled aggregate on the rheological and mechanical behavior of concrete, Z. Tahar, E. Kadri, A. Kaci, A. Bouvet, T. Ngo		Performances of hemp concretes: from microscopic to functional properties, G. Delannoy, S. Marceau, P. Glé, E. Gourlay, M. Guéguen-Minerbe, D. Diafi, I. Nour, S. Amziane, F. Farcas
		Alkali Activated Hybrid Cements, V. Bilek		Immobilization performances and environmental behavior of concretes using mining waste-rocks as fine and coarse aggregates, Y. Benarchid, Y. Taha, R. Argane, M. Benzazoua		The effects of extracted starch from cassava and maize as admixture on the Creep of Concrete, A. A. Akindahunsi, H. C. Uzoegbo
		Factors Controlling Carbonation Resistance of Alkali-Activated Materials, S. A. Bernal, X. Ke, M. Criado, S. Mundra, J. L. Provis		Development of Eco-Friendly Recycled Concrete Aggregate Mix for Structural Applications, M. Hayles, L. Sanchez, M. Noël		Lechugilla Natural Fiber As an Option to Implement Internal Curing in High-Performance Concrete, R. Dávila-Pompermayer, A. Durán-Herrera, C. A. Juárez, P. L.
10:25-11:00		Coffee Break		Coffee Break		Coffee Break
11:00-12:30	10A Alkali activated materials	Effect of limestone powder on the drying shrinkage and mechanical properties of sodium carbonate activated slag, B. Yuan, Q. L. Yu, H.J.H Brouwers	10B Recycled materials	The effects of cork granulates on properties of self-consolidating concrete, A. Aghaalian, A. H. Faraji, M. Rahimi, H. Azarjafari	10C Chemical admixtures	A new, efficient and safe way of introducing air voids in concrete, O. Schwoon
		Metakaolin-based geopolymer concretes: from dry to fluid concretes, R. Pouhet, M. Cyr		Rheological properties of self-compacting concrete paste containing marble powder, O. Haddad, F. Messaoudi, S. Kaci		Innovative Carboxylic Acid Waterproofing Admixture for Self-Sealing Watertight Concretes, L. Coppola, D. Coffetti, S. Lorenzi
		Comparison of engineering properties of laterite-based geopolymer and Portland cement concretes, J. Kwasny, M. N. Soutsos, J. A. McIntosh, J. Blackstock, D. J. Cleland		Performance of mortars with recycled brick fines, M. Si-Ahmed, S. Kenai, E. Ghorbel		A New Generation of Micro-Particulate-Based Admixtures for Concrete, P. H. Seiler, C. Eagon, F. S. Ong, S. A. Farrington, V. Bui
		Alkali activated materials: the way to solving shrinkage reduction, L. Kalina, V. Bilek Jr., E. Bartoničková, E. Štěpánková, T. Opravil, F. Šoukal		Borosilicate Waste Glass As a SCM in Self-Compacting Concrete, F. D. Anguiano-Perez, A. Durán-Herrera		Comparison of three plasticizers in carbonate-activated slag concrete, R. A. Lauten
12:30-14:00			Lunch			
14:00-15:30	11A Alkali activated materials	Mitigation of microcracking in alkali-activated combined slag and fly ash concretes for good performance in winter conditions, A. Rodrigue, J. Duchesne, B. Fournier, B. Bissonnette	11B Recycled materials	Performance of Rubber-Modified Concrete with NaOH Treated Rubber Particles, S. Guo, R. Si, Q. Dai	11C Life-cycle analysis and modeling	Environmental benefits of using glass powder in manhole production, J.-M. Lessard, J. Cloutier, A. Tagnit-Hamou, B. Amor
		Geopolymers cured at ambient temperature, D. Hesselbarth, T. Moser, J. Sturzenegger		Effect of borosilicate glass in Ultra High Performance Concrete: Compressive strength and Surface Electrical Resistivity, A. Landaverde-García, G. Hernández-Carrillo, J. M. Rivera-Torres, A. A. Saldivar-Cadena, A. Durán-Herrera		Life cycle assessment of the use of recycled glass as supplementary cementitious materials: A real case of study of a pedestrian bridge, J. Deschamps, A. Tagnit-Hamou, B. Fournier, B. Amor
		Drying shrinkage in alkali activated class c fly ash mortars and the mitigation methods, D. B. Kumarappa, C. Chandrasiri, S. Peethamparan		Mixed recycled aggregate in the design of sustainable recycled concrete, B. Cantero, I. F. Sáez del Bosque, A. Matías, M. Isabel Sánchez de Rojas, C. Medina		A predicting model for the assessment of aggregate sensitivity to asr, M. Kositz, K.-J. Huenger
				Effect of using glasswaste cullets as aggregates in concrete, L. S. Dibodu, S. O. Ekolu		Towards a Service Life Prediction System of Concrete Structures based on a Neural-Computing Approach, B. Boukhatem, A. Tagnit-Hamou, M. Chekired, M. Ghrici
15:30-16:00		Coffee Break		Coffee Break		Coffee Break
16:00-16:45	Awardee presentations					
16:45-17:00	Concluding remarks					