

Authors	Title	Date and Time
S. Abdelmoumen, E. Bellenger, M. Quéneudec-t'Kint	Influence of the nature of the rubber aggregates on the delayed deformations under constant load of eco-concrete formulated with rubber waste	Monday June 28 at 14.00 - 15.30
Varenyam Achal, Abhijit Mukherjee, and M. Sudhakara Reddy	Microbial Concrete: A way to Enhance the Durability of Building Structures	Tuesday June 29 at 9.00 - 10.30
BELLA Ilham Aguida, HAMOUINE Abd El Madjid, and BELLA Nabil	Influence of The Temperature On Compressive Strength of Crushed Limestone Sand Concrete	Monday June 28 at 14.00 - 15.30
H. Al Nageim, B. Saghafi, S. Ferrel, P. Visulios, N. Ghazireh	Evaluation of the Potential Partial Use of Fine Limestone Dust and Steel Slag Waste Aggregates in Road Base Materials	Tuesday June 29 at 16.00 - 17.30
Andrew Alcorn, Michael Donn	Life cycle potential of strawbale and timber for carbon sequestration in house construction	Tuesday June 29 at 11.00 - 12.30
Kwasi Osafo Ampadu, Henry Adjei, Belinda Osafo-Ampadu, Nkansah Bawuah	INVESTIGATION INTO THE UTILIZATION OF RICE HUSK ASH-CALCINED CLAY BLEND AS A POZZOLLANA	Tuesday June 29 at 14.00 - 15.30
Carmen Andrade , Renata d'Andréa	Concrete mix design based on the electrical resistivity	Wednesday June 30 at 11.00 - 12.30
I. Martínez, C. Andrade, A. Castillo, N. Rebolledo, R. D'Andrea	Embedded Sensors For The Monitoring Of Durability In Spain	Wednesday June 30 at 11.00 - 12.30
Fernanda Andreola, Luisa Barbieri, Isabella Lancellotti	End of life-materials: the case of WEEE glass recovery in the construction sector	Monday June 28 at 16.00-17.30
Fernanda Andreola, Luisa Barbieri, Isabella Lancellotti	Recovery of Glazing Ceramic Sludge in Construction Materials	Tuesday June 29 at 11.00 - 12.30
Joseph Anochie-Boateng, Erol Tutumluer	Characterizing Shear Properties of Fine-Grained Subgrade Soils under Large Capacity Construction Equipment	Monday June 28 at 14.00 - 15.30
Ernesto Antonini ¹ ,Valeria Giurdanella,Alessandra Zanelli	REVERSIBLE DESIGN Strategies to allow buildings' deconstruction and salvaged material's second life	Tuesday June 29 at 14.00 - 15.30
Toshiki AYANO,Hisahiro MATSUNAGA,Takashi FUJII, Kenji SAKATA	Resistance of concrete with granulated blast furnace slag sand to sulphuric acid attack	Wednesday June 30 at 11.00 - 12.30
Nadir Ayrilmisa and Songklod Jarusombutib	Flat-Pressed Wood Plastic Composite Panel as an Alternative to Conventional Wood Based Panels	Tuesday June 29 at 11.00 - 12.30
Baert, G., De Belie, N.*, De Schutter, G.	A multi-compound model for the hydration of Portland cement – fly ash binders	Tuesday June 29 at 16.00 - 17.30
F. Azhari and N. Banthia	Structural Health Monitoring using Piezoresistive Cementitious Composites	Tuesday June 29 at 14.00 - 15.30
V. Baroghel-Bouny, K. Kinomura, M. Thiery, S. Moscardelli	Easy assessment of durability indicators for concretes with high volume of SCMs	Tuesday June 29 at 16.00 - 17.30

Cecilia Bartuli , Ranieri Cigna, Osvaldo Fumei, Teodoro Valente	A critical examination of the European Standard EN 1504, "Products and Systems for Protection and Repair of Concrete Structures"	Tuesday June 29 at 14.00 - 15.30
Madani Bederina, Michele Quéneudec	Characterization of River-Dune Sand Concrete Lightened by Addition of Wood Shavings	Monday June 28 at 14.00 - 15.30
M. Bediako, A.A.A Adjaottor, S.K.Y Gawu,C.K. Kankam	POTENTIAL USE OF CRUSHED GHANAIAN LIMESTONE IN PASTE AND MORTAR FORMULATED FOR MASONRY.	Tuesday June 29 at 9.00 - 10.30
Fatih Bektas, Kejin Wang	Use of Ground Clay Brick to Suppress Deterioration due to Potassium-Acetate Deicer	Tuesday June 29 at 9.00 - 10.30
Rick Best	Specifying and Sourcing Materials for a Best Practice Sustainable Education Facility	Tuesday June 29 at 14.00 - 15.30
Maria Chiara Bignozzi,Franco Sandrolini,Fernanda Andreola,Luisa Barbieri,Isabella Lancellotti	Recycling Electric Arc Furnace Slag as Unconventional Component for Building Materials	Wednesday June 30 at 11.00 - 12.30
Vlastimil Bílek	Development of Alkali-Activated Concrete containing wash recycled water	Wednesday June 30 at 14.00 - 15.30
Luigi Biolzi,Sara Cattaneo,Gianpaolo Rosati,Gianluca Guerrini	Monitoring of a very-high performance concrete bridge	Monday June 28 at 14.00 - 15.30
Dubravka Bjegovic, Nina Stirmer, Marijana Serdar	Ecological aspects of concrete production	Wednesday June 30 at 11.00 - 12.30
Pietro Bocca and Alessandro Grazzini	Durability evaluation of strengthening mortars applied to historical masonry structures	Wednesday June 30 at 9.00 - 10.30
D Bondar, C. J. Lynsdale, Neil B. Milestone, N. Hassani,A. A. Ramezaniapour	PRODUCTION OF GEOPOLYMER CEMENT FROM ALKALI-ACTIVATED NATURAL POZZOLANS: EFFECT OF ADDITION OF LIME, KAOLINITE AND OTHER MINERALS	Tuesday June 29 at 9.00 - 10.30
D. Bondar, C. J. Lynsdale, Neil B. Milestone, N. Hassani, A. A. Ramezaniapour	ENGINEERING PROPERTIES OF ALKALI ACTIVATED NATURAL POZZOLAN CONCRETE	Tuesday June 29 at 11.00 - 12.30
A. Morbi, S. Cangiano, E. Borgarello	Cement Based Materials for Sustainable Development	Monday June 28 at 9.00 - 10.45
T.W Bremner	The Future of Construction Materials in a Sustainable World	Monday June 28 at 9.00 - 10.45
Kris Broos, Katleen De Brouwere, Mieke Quaghebeur, Peter Nielsen, Nico Bleux, Jurgen Buekers, and Rudi Torfs	Potential health impacts of the use of secondary and recycled aggregates in building materials	Monday June 28 at 16.00-17.30
Eckart R. Bühler	Recovered Mineral Component [Silica Fume] in the U.S.	Tuesday June 29 at 16.00 - 17.30

Jiří Bydžovský, Šárka Keprdová	Cement-chip boards with technical hemp and their use in building industry	Tuesday June 29 at 11.00 - 12.30
F. Cangialosi, G. Intini, L. Liberti, M. Notarnicola, F. Di Canio	Activated coal fly ash as improved mineral addition in cement and concrete	Tuesday June 29 at 11.00 - 12.30
Henry E. Cardenas ,Joshua Alexander, Kunal V. Kupwade-Patil, Luz Marina Calle	Field Testing of High Current Electrokinetic Nanoparticle Treatment for Corrosion Mitigation in Reinforced Concrete	Monday June 28 at 16.00-17.30
Henry Cardenas, Kunal Kupwade-Patil and Sven Eklund	Corrosion Mitigation in Mature Reinforced Concrete using Nanoscale Pozzolan Deposition	Tuesday June 29 at 14.00 - 15.30
Alessandra Carrera, James Grenfell, Andrew Dawson, John Proctor	On-site recycling of trench arisings for pavement reinstatement	Tuesday June 29 at 14.00 - 15.30
Marta Castellote, Samuel Botija, Carmen Andrade	Electrokinetic Phenomena in the Remediation of Construction Materials From Heavy Metals Contamination	Wednesday June 30 at 11.00 - 12.30
R. Chaid, R. Jauberthie, F. Rendell, A. Talah	Chemical strength of the HPC cured in sulphate environment	Wednesday June 30 at 9.00 - 10.30
Anjan K. Chatterjee	The Indian Fly Ashes, Their Characteristics, and Potential for Mechano-Chemical Activation for Enhanced Usability	Tuesday June 29 at 9.00 - 10.30
Jae Jin Choi,Doo Sun Choi	Experimental Study on the Time-dependent Property of Chloride Diffusivity	Tuesday June 29 at 14.00 - 15.30
Juan Lizarazo-Marriaga, Peter Claisse, Eshmaiel Ganjian	Applicability of traditional electrical techniques on chloride resistance assessment of GGBS concrete mixtures	Wednesday June 30 at 14.00 - 15.30
Peter Claisse	How to research your new ingredient for concrete and publish your findings.	Wednesday June 30 at 16.00 - 17.30
Francesco Colangelo, Roberta Vaccaro and Raffaele Cioffi	Life Cycle Assessment of Sustainable Concrete made with Recycled Aggregates	Monday June 28 at 11.00 - 12.30
Mario Colleparidi,Silvia Colleparidi,Daniele Ongaro,Alessandro Quadrio Curzio,Mauro Sammartino	CONCRETE WITH BOTTOM ASH FROM MUNICIPAL SOLID WASTES INCINERATORS	Monday June 28 at 14.00 - 15.30
Luigi Coppola, Sergio Lorenzi, Alessandra Buoso	Electric Arc Furnace Granulated Slag as a Partial Replacement of Natural Aggregates for Concrete Production	Wednesday June 30 at 14.00 - 15.30
Valeria Corinaldesi, Alida Mazzoli and Giacomo Moriconi	Mechanical And Physical Properties Of Cement Mortars Containing Plastic Waste Particles	Monday June 28 at 14.00 - 15.30
Valeria Corinaldesi, and Saveria Monosi	The Influence of Paper Mill Ash Addition on the Performances of Self-Compacting Concrete	Tuesday June 29 at 9.00 - 10.30
Valeria Corinaldesi, Giacomo Moriconi, Tarun R. Naik	Carbon Dioxide Uptake by Recycled-Aggregate No-Fines Concrete	Wednesday June 30 at 11.00 - 12.30

Ayrton V. Costa, Adriana G. Gumieri	Use of Sinter-Feed Tailings as Aggregate in the Production of Concrete Paving Elements	Monday June 28 at 16.00-17.30
Lech CZARNECKI, Marek KAPROŃ, Dionys VAN GEMERT	SUSTAINABLE CONSTRUCTION: CHALLENGES, CONTRIBUTION OF POLYMERS, RESEARCHES ARENA	Monday June 28 at 16.00-17.30
Lech Czarnecki , Andrzej Garbacz , Joanna J. Sokołowska	Fly Ash Polymer Concretes	Wednesday June 30 at 11.00 - 12.30
Norbert Delatte and Stuart S. Schwartz	Sustainability Benefits of Pervious Concrete Pavement	Wednesday June 30 at 9.00 - 10.30
Abdullah Demir, Cenk Karakurt, İlker Bekir Topçu	Utilization of Crushed Autoclaved Aerated Concrete as Aggregate in Concrete	Monday June 28 at 11.00 - 12.30
Arthur M. Dinitz	Sustainable Polymer Concrete Materials for Bridge and Concrete Rehabilitation, Maintenance and Preservation	Tuesday June 29 at 9.00 - 10.30
John B. Dryden	Potential applications of dry FGD product as feedstock for high-volume, commercially viable, blended construction products	Monday June 28 at 11.00 - 12.30
Ion Dumitru, Tony Song, Vasile Caprar, Phillip Brooks and Justin Moss	Incorporation of Recycled Glass for Durable Concrete	Wednesday June 30 at 14.00 - 15.30
Turker Dunder, Nadir Ayrilmis, Umit Buyuksari	Utilization of Waste Pine Cone in Manufacture of Wood Plastic Composite	Tuesday June 29 at 11.00 - 12.30
Aslı Ünsal Sağlık, Sinan Turhan Erdoğan	Chemical and Thermal Activation of Perlite-Containing Cementitious Mixtures	Tuesday June 29 at 11.00 - 12.30
V.R. Falikman, A.Ya. Vainer	New Organic Expanding Admixtures for Concrete Shrinkage Reducing	Tuesday June 29 at 9.00 - 10.30
Michael N. Fardis	Displacement- and Performance-Based Seismic Design for Sustainable Earthquake Resistant Concrete Construction	Tuesday June 29 at 14.00 - 15.30
Gholamreza Fathifazl, A. Ghani Razaqpur, Simon Foo, O. Burkan Isgor, Abdelgadir Abbas, Benoit Fournier	Evaluation of flexural and shear performance of reinforced concrete beams made with recycled concrete aggregates	Wednesday June 30 at 11.00 - 12.30
Hans-Joachim Feuerborn	Coal Combustion Products and Sustainability - Present and future situation in Europe	Tuesday June 29 at 14.00 - 15.30
Laura Flórez, Daniel Castro-Lacouture and Javier Irizarry	Impact of Sustainability Perceptions on Optimal Material Selection in Construction Projects	Monday June 28 at 14.00 - 15.30
John P. Fort, I. N. A. Thanay, S. Zoorob, M. Waliur Rahman	Investigating the Physical Stability of Novel Sustainable Building Blocks	Tuesday June 29 at 9.00 - 10.30
David W. Fowler	How Can Aggregates be Used to Enhance Sustainable Concrete?	Wednesday June 30 at 16.00 - 17.30
I. Galan, C. Andrade, P. Mora, M. A. Sanjuan, J. C. Lopez-Agüi, M. Prieto	CO2 Sink Effect of Concrete Carbonation	Wednesday June 30 at 11.00 - 12.30

Eshmaiel Ganjian, Morteza Khorrami and Tayebeh Parhizkar	Production of Cement Composite Board using cellulose fibres	Tuesday June 29 at 11.00 - 12.30
A. Ganjidoost, M. Bakhsheshi Akhlaghi, M. Rahimi, H. G. Mosavy	Sustainability and Durability of Concrete Structures in Environmental Corrosive Conditions using Silica Fume	Wednesday June 30 at 9.00 - 10.30
M Luz Garcia, Joana Sousa-Coutinho	Grits as a partial cement replacement for concrete	Tuesday June 29 at 9.00 - 10.30
Gaytan C. Arturo, Montaño R. Homero, Uribe A. Roberto y Silva M. Antonio	Classification of green concretes for sustainable solutions	Wednesday June 30 at 14.00 - 15.30
Nader Ghafoori and Mohammad Islam	Lithium Salt for Reactive Aggregates in Portland Cement Concrete	Wednesday June 30 at 11.00 - 12.30
A.M. Raies Ghasemi, T. Parhizkar, A.A. Ramezaniapour	Influence of colloidal nano-SiO ₂ addition as silica fume replacement materials in properties of concrete	Tuesday June 29 at 11.00 - 12.30
Mohammad Shekarchi, Farnam Ghassemzadeh, Siavash sajadi, Mehdi Khanzadeh	Accuracy of shrinkage prediction models in high performance concretes containing slag and silica fume	Wednesday June 30 at 9.00 - 10.30
Mohammad Shekarchi, Farnam Ghassemzadeh, Mahdi Valipour, Siavash sajadi, Iman Harsini	Study on Gas Permeability of High Performance Concrete containing Binary and Ternary Pozzolanic Materials and Polypropylene Fibers	Wednesday June 30 at 14.00 - 15.30
Parviz Ghoddousi, Ali Akbar Shirzadi Javid	Influence of Restraint Conditions and Reinforcing Bar on Plastic Shrinkage of Self-consolidating Concrete as Repair Material	Tuesday June 29 at 9.00 - 10.30
K. Giannakos	Influence of Rail Pad Stiffness on Track Stressing, Life-Cycle and Noise Emission	Monday June 28 at 14.00 - 15.30
Odd E. GjØrv	Service Life and Sustainability of Important Concrete Infrastructures	Tuesday June 29 at 11.00 - 12.30
Mette Glavind	The evolution of green concrete	Tuesday June 29 at 11.00 - 12.30
Ferran Gomà, M. ^a Teresa Pinheiro-Alves & Mónica Vicente	A new procedure covering the diagnosis of hardened structural sustainable concrete in service, employing chemical analysis	Tuesday June 29 at 14.00 - 15.30
Brian H. Green, Charles A. Weiss Jr., Annette Stumpf	Sustainable Design and Development in the US Army Corps of Engineers	Monday June 28 at 11.00 - 12.30
Habert, G., Castillo, E., Morel, J.C.	Sustainable indicators for resources and energy in building construction	Monday June 28 at 16.00-17.30
Habert, G., D'Espinose de Lacaillerie, J.B., Lanta, E., Roussel, N.	Environmental evaluation for cement substitution with geopolymers	Wednesday June 30 at 14.00 - 15.30
Ahmed Hadj-Sadok, Said Kenai, Luc Courard, J.M. Khatib	Transport properties of mortars and concretes modified with medium hydraulic activity blast furnace slag	Wednesday June 30 at 11.00 - 12.30

Elie Awwad, Bilal Hamad, Mounir Mabsout, and Helmi Khatib	Sustainable Construction Material Using Hemp Fibers – Preliminary Study	Tuesday June 29 at 9.00 - 10.30
Nausherwan Hasan	Quality Control for Controlled Low Strength Materials During Production	Monday June 28 at 16.00-17.30
Chikanori Hashimoto, Noritsugu Yamaji, Takeshi Watanabe and Hiroyuki Mizuguchi	The Effect of Placing Season on Strength, Carbonated Thickness and Pore-Size Distribution of Fly Ash Concrete Exposed Outdoor for a Decade	Tuesday June 29 at 11.00 - 12.30
P. Van den Heede, N. De Belie	Durability Related Functional Units for Life Cycle Assessment (LCA) of High-Volume Fly Ash Concrete (HVFA concrete)	Tuesday June 29 at 11.00 - 12.30
Edward AJ Hirst, Peter Walker, Kevin A Paine, Tim Yates	Characterisation of low density hemp-lime composite building materials under compression loading	Tuesday June 29 at 9.00 - 10.30
Erika Holt, Hannele Kuosa, Markku Leivo, Fahim Al-Neshawy, Jukka Piironen, Esko Sistonen	Accounting for coupled deterioration mechanisms when designing durable concrete containing mineral by-products	Wednesday June 30 at 14.00 - 15.30
Ryo Fujita, Takashi Horiguchi and Teppei Kudo	Applicability of CLSM with incinerated sewage sludge ash and crushed-stone powder	Monday June 28 at 16.00-17.30
Zainab Z. Ismail, Enas A. Al-Hashmi	Validation of Using Mixed Iron and Plastic Wastes in Concrete	Tuesday June 29 at 14.00 - 15.30
V. Ivanov, J. Chu, V. Stabnikov, J. He, M. Naeimi	Iron-based biogROUT for soil improvement and land reclamation	Tuesday June 29 at 14.00 - 15.30
Yuta Iwatani, Kenji Kawai, Yusuke Aoki , Akihiro Fujiki	Optimum Road Pavement from the Viewpoint of CO2 Emission Reduction	Tuesday June 29 at 16.00 - 17.30
Stein Are Berg and Stefan Jacobsen	Packing and aggregate/fibre –void saturation to proportion and control rheology of self compacting fibre concrete	Tuesday June 29 at 16.00 - 17.30
Sang Hwa Jung, Myung Kue Lee, Seong Lo Lee, and Byung Hwan Oh	Experimental Investigation on Diffusion Coefficient of Carbon Dioxide for Sustainable Construction Materials	Tuesday June 29 at 16.00 - 17.30
Cenk Karakurt, İlker Bekir Topçu	Effect of Blended Cements Produced with Natural Zeolite and Industrial By-Products on Alkali-Silica Reaction of Concrete	Monday June 28 at 11.00 - 12.30
Seema Karami, Morteza Zohrabi, Peter Claisse, Essie Ganjian, Homayoon Sadeghi Pouya	The Effect of Two Sources of Waste Fly Ash on Compressive Strength of Cementitious Mixes	Wednesday June 30 at 9.00 - 10.30
S. O. Nwaubani ,A. Katsanos,M. Mulheron	Sodium Acetate: An overlooked, “green” highway de-icing solution	Tuesday June 29 at 16.00 - 17.30
Kenji Kawai, Akihiro Fujiki, Yusuke Aoki, and Yuta Iwatani	Preparation of Inventory Data for Environmental Performance Evaluation of Concrete and Concrete Structures	Tuesday June 29 at 14.00 - 15.30
Obada Kayali, Jamal M. Khatib and M. Sharfuddin	Engineering Industrial By-Products for Sustainable Concrete Structures	Monday June 28 at 14.00 - 15.30

Ahmed		
Claudio de Souza Kazmierczak, Daiana Arnold Metz and Douglas Gabriel Fröhlich	INFLUENCE OF BRICK WATER ABSORPTION IN THE PERFORMANCE OF MORTARS MADE WITH MANUFACTURED FINE AGGREGATES OF CRUSHED STONE	Tuesday June 29 at 16.00 - 17.30
Martin Keppert, Vratislav Tydlitát, Petra Volfová, Michal Šyc, Robert Černý	Characterization of Solid Waste Materials Produced by a Modern Municipal Solid Waste Incineration (MSWI) Facility from the Point of View of Civil Engineering	Monday June 28 at 14.00 - 15.30
Zbyšek Pavlík, Miloš Jerman, Martin Keppert, Milena Pavlíková, Pavel Reiterman, Robert Černý	Use of Municipal Solid Waste Incineration Waste Materials as Admixtures in Concrete	Monday June 28 at 16.00-17.30
John T. Kevern, Kejin Wang	Investigation into Corn Ash as a Supplementary Cementitious Material in Concrete	Monday June 28 at 11.00 - 12.30
Mostafa.Khanzadi , Mohsen.Tadayon, Hamed.Sepehri and Mohammad.Sepehri	Influence of Nano Silica Particles on Mechanical Properties And Permeability of Concrete	Monday June 28 at 16.00-17.30
Mohammad Alizadeh Kharaazi and Eshmaiel Ganjian	Use of Iranian industrial waste for cement replacement in low strength concrete and CLSM	Monday June 28 at 16.00-17.30
M. Khatib, T U Mohammed, J. S. Zhang, Hidenori Hamada	New Generation Water-Reducing Admixture for Concrete	Monday June 28 at 11.00 - 12.30
J M Khatib, O Kayali, S Kenai, M N Haque	Effect of Curing Temperature on Relative Strength of Metakaolin Concrete	Monday June 28 at 14.00 - 15.30
J M Khatib, S Kenai, J S Zhang, S Firat, P H Harris	Effect of Sample Location and Initial Curing on Pore Volume and Threshold Diameter of Cement Paste with and without Slag	Wednesday June 30 at 9.00 - 10.30
P S Mangat, J M Khatib, L Wright	The Resistance to Magnesium sulphate of Mortars Modified with GGBS and Flue Gas Desulphurisation (FGD) Waste	Wednesday June 30 at 11.00 - 12.30
J. M. Khatib, S. Baig, A Bougara, C Booth	Foundry Sand Utilisation in Concrete Production	Wednesday June 30 at 14.00 - 15.30
Filip Khestl	Fast growing renewable materials in building industry	Tuesday June 29 at 9.00 - 10.30
Young Hoon Kim, Paolo Gardoni, and David Trejo	Time-Variant Capacity and Reliability of GFRP-Reinforced Bridge Decks	Wednesday June 30 at 14.00 - 15.30
Lydia Kiroff and Harry Roedel	Sustainable Construction Technologies: Earth Buildings in a New Zealand Context	Tuesday June 29 at 11.00 - 12.30
Agnieszka J Klemm, Piotr Konca, Piotr Klemm	SUSTAINABLE CEMENT-GYPSUM COMPOSITE WITH REDUCED ETTRINGITE EXPANSION	Monday June 28 at 11.00 - 12.30
Koichi Kobayashi, Hoshito Kurachi, and Keitetsu Rokugo	An experimental study on the corrosion resistance performance of SHCC (Strain Hardening Cement-based Composites)	Wednesday June 30 at 11.00 - 12.30
I. Kourtí, D. Amutha Rani, A.R. Boccaccini, C.R.	Geopolymers from DC plasma treated APC residues, metakaolin and GGBFS	Tuesday June 29 at 14.00 - 15.30

Cheeseman		
Konstantin Kovler	Three Dilemmas in Sustainability of Construction Materials and Technologies	Wednesday June 30 at 16.00 - 17.30
Rudolph N. Kraus, Tarun R. Naik, and Bruce W. Ramme	High Durability Concrete Using High-Carbon Fly Ash and Pulp Mill Residuals	Tuesday June 29 at 9.00 - 10.30
Katherine Kuder, Jack Tinnea, Ryan Tinnea, Samuel Bellomio, Michael Fanoni, David Johnson, Jessica Towns	High Early Strength, High Resistivity Concrete Mix Design Using Supplementary Cementitious Materials	Tuesday June 29 at 9.00 - 10.30
Katherine Kuder, Kasandra Wells, Rob Shogren	Low Portland Cement-Content SCC Mix Design for Use in Structural Applications	Wednesday June 30 at 9.00 - 10.30
Sanjay Kumar and Rakesh Kumar	Tailoring geopolymers properties through mechanical activation of fly ash	Tuesday June 29 at 14.00 - 15.30
Ken Ladwig	EPRI Research on Sustainable Management of Coal Combustion Products	Monday June 28 at 16.00-17.30
Jin Cheol Lee, Sabrina L. Bradshaw, Tuncer B. Edil, and Craig H. Benson	Green Benefits of Using Coal Ashes in Pavement Construction	Monday June 28 at 16.00-17.30
Qingtao Li, Zhuguo Li	Repair of Fire-Damaged Concrete: Improvement of Carbonation Resistance	Tuesday June 29 at 14.00 - 15.30
Zhuguo Li, Qingtao Li	Repair of Fire-Damaged Concrete: Improvement of Mechanical Property	Tuesday June 29 at 16.00 - 17.30
Michele Valente, Michele Vigneri, Marco Bressan, Alessandro Pasqualini, Sebastiano Bianchini, Felice M. Liberatore	Use of fly ash in concrete: efficiency factors of the supplementary cementing materials	Wednesday June 30 at 9.00 - 10.30
Felice Liberatore, Michele Valente, Alessandro Pasqualini, Marco Bressan, Agostino Cadorin	A measure of fly ash concrete contribution to "Sustainability "	Wednesday June 30 at 9.00 - 10.30
N A Lloyd and B V Rangan	Fly Ash-Based Geopolymer Concrete	Tuesday June 29 at 14.00 - 15.30
N.H. Thom, T. Lu and T. Parry	Fuel Consumption due to Pavement Deflection under Load	Monday June 28 at 11.00 - 12.30
Ma Xinwei, Han Zhaoxiang, Li Xueying	Rehydration Reactivity of Dehydrated Cement Paste from Waste Concrete Experienced to Heat Treatment	Tuesday June 29 at 9.00 - 10.30
Koichi Maekawa	Engineering Platform of Managing Huge Amount of Knowledge for Simulation of Infrastructure Dynamics	Tuesday June 29 at 16.00 - 17.30
Nicoletta Zeminian, Joana Roncero, Matteo Pagot and Roberta Magarotto	Early Strength Enhancement for Sustainability in the Precast Concrete Industry	Tuesday June 29 at 11.00 - 12.30

A.A. Maghsoudi, M. Maghsoudi, M. Noori	Engineering Properties, SEM and Effect of Nano Particles on SCCs	Tuesday June 29 at 9.00 - 10.30
A.A. Maghsoudi	Implementation of HSSCC in Pre and Post tensioned Concrete members	Tuesday June 29 at 11.00 - 12.30
M.H. Majedi	The application of construction debris in gypsum blocks	Tuesday June 29 at 9.00 - 10.30
Majid Ali	Coconut Fibre – A Versatile Material and its Applications in Engineering	Tuesday June 29 at 9.00 - 10.30
Marijan Skazlić	Development and Application of Hybrid Fibre Reinforced Concrete	Wednesday June 30 at 14.00 - 15.30
MARROCCHINO E, TOFFANO A, VACCARO C, BORSA M, CANGIANO S	PETROCHEMICAL AND PETROPHYSICAL CHARACTERISATION OF CONSTRUCTION AND DEMOLITION INERT MATERIALS FOR THE PREPARATION OF CONCRETE	Monday June 28 at 14.00 - 15.30
Milena Marroccoli, Maria Lucia Pace, Antonio Telesca, Gian Lorenzo Valenti	Synthesis of Calcium Sulfoaluminate Cements from Al ₂ O ₃ Rich By-products of the Secondary Aluminium Manufacturing	Tuesday June 29 at 11.00 - 12.30
Milena Marroccoli, Fabio Montagnaro, Antonio Telesca, Gian Lorenzo Valenti	Environmental Implications of the Manufacture of Calcium Sulfoaluminate-based Cements	Wednesday June 30 at 11.00 - 12.30
Terrence McCleary, Matthew Mueller	Difficulties in Choosing Sustainable Materials	Monday June 28 at 11.00 - 12.30
Terrence McCleary	Subgrade Modification – A Practitioner's Experience With Sustainable Materials	Monday June 28 at 14.00 - 15.30
Michael J. McHale, Peter Langdale, Stuart Guthrie and Michael Gordon	Simplified crack, seat and overlay design for Scottish roads	Monday June 28 at 11.00 - 12.30
P. Kumar Mehta	Sustainable Cements and Concrete for the Climate Change Era – A Review	Monday June 28 at 9.00 - 10.45
Dunja Mikulic, Bojan Milovanovic, Damir Kolic, Ana Sokacic, Tomislav Simunovic	Environmental Impact of Improving Energy Efficiency of Buildings	Monday June 28 at 11.00 - 12.30
Faiz A. M. Mirza Mohammed A. Saif	The Mechanical Properties of Recycled Aggregate Concrete Incorporating Silica Fume	Tuesday June 29 at 16.00 - 17.30
Kazuyuki Miura, Koji Takasu, and Yasunori Matsufuji	A Basic Study on Removing Unburnt Carbon from Fly Ash by Ore Flotation to Use as Concrete Admixture	Wednesday June 30 at 9.00 - 10.30
Maki Mizuta, Takayuki Kojima, Satoshi Yamamura, Kazuhiro Kuzume	Quantitative Evaluation of Multiplier Effect of Concrete Expansion and Reinforcement	Tuesday June 29 at 14.00 - 15.30
Mohammed Tarek Uddin, Mohammad Fateh Azam Khan, M R Kabir, M A Awal, Asheque Al Mahbub, Hidenori	Recycling of Concrete Made with Brick Aggregate	Monday June 28 at 11.00 - 12.30

Hamada, J. M. Khatib		
Saveria Monosi, Francesca Tittarelli, Maria Letizia Ruello	Effect of Used Foundry Sands addition on mechanical performance of cement mortars	Wednesday June 30 at 9.00 - 10.30
J. Monzó, J. Payá, V. Borrachero, R. Barrionuevo, R. Méndez	Use of rice husk ash as a partial replacement of Portland cement in low cost precast	Tuesday June 29 at 14.00 - 15.30
Giacomo Moriconi	Sustainability-driven innovation in the society of the future	Monday June 28 at 14.00 - 15.30
Justin Moss, Rebecca Monckton & Con Lambous	Australia's Progress Toward Sustainable Construction Practices – Examples from a Roads Agency	Monday June 28 at 14.00 - 15.30
Moutsatsou A., Theodoropoulos K., Batsos M., Malama P. Konstantopoulou S., Protonotarios V.	UTILIZATION OF INDUSTRIAL MINERALS AND BY- PRODUCTS IN THE PRODUCTION OF CERAMIC MATERIALS FOCUSING ON CO2 EMISSIONS REDUCTION	Wednesday June 30 at 14.00 - 15.30
Muigai, R. ; Alexander, M.G	Contribution of the Durability Index Approach towards Sustainable Concrete Structures	Tuesday June 29 at 16.00 - 17.30
Bella Nabil, Assroun Aissa, Bella Ilham Aguida	The effectiveness of different solutions to reduce plastic shrinkage in hot climate concreting, by using an approach by design of experiment	Wednesday June 30 at 11.00 - 12.30
Tarun R. Naik, Rakesh Kumar, Bruce W. Ramme, and Rudolph N. Kraus	Effect of High-Carbon Fly Ash on the Electrical Resistivity of Fly Ash Concrete Containing Carbon Fibers	Monday June 28 at 11.00 - 12.30
Tarun R. Naik, Rakesh Kumar, Yoon-moon Chun, and Rudolph N. Kraus	Utilization of Powdered Gypsum-Wallboard in Concrete	Tuesday June 29 at 16.00 - 17.30
Tarun R Naik and Rakesh Kumar	Carbonation: An Efficient and Economical Process for CO2 Sequestration	Wednesday June 30 at 9.00 - 10.30
Tarun R. Naik, Rakesh Kumar, and Rudolph N. Kraus	CO2 Sequestration in Non-air Entrained Concrete	Wednesday June 30 at 11.00 - 12.30
Rakesh Kumar and Tarun R Naik	Sustainable Concrete with Industrial and Post- Consumer By-Products	Wednesday June 30 at 14.00 - 15.30
Hikaru Nakamura	Analysis on Cracking Propagation During Life of Concrete Structures Using RBSM	Tuesday June 29 at 14.00 - 15.30
Demetris Nicolaidis, Antonis Kanellopoulos, Andreas Partaourides	Investigation of the successful reuse of concrete rubbles as Recycled Concrete Aggregates (RCA)	Monday June 28 at 11.00 - 12.30
M. Nili, A. Ehsani , K. Shabani	Influence of nano-sio2 and microsilica on concrete performance	Tuesday June 29 at 9.00 - 10.30
Hamed Niroumand	Performance of Shred Tires & Wood Particles in Earth Bricks	Tuesday June 29 at 9.00 - 10.30
Takafumi Noguchi	Toward Sustainable Resource Recycling in Concrete Society	Tuesday June 29 at 11.00 - 12.30

S. O. Nwaubani, A.Katsanos, M. Mulheron	Corrosion Resistance of Reinforced Concrete Exposed to Calcium Acetate De-Icing Salt	Tuesday June 29 at 16.00 - 17.30
Jonathan O'Donnell, Craig H. Benson, Tuncer B. Edil	Trace Element Leaching from Pavements with Fly Ash-Stabilized Bases and Subgrades: Experience in the Midwestern United States	Monday June 28 at 16.00-17.30
Dellé Odeleye, Brian Menzies	Sustainable Materials: Issues in Implementing Resource Efficiency – A UK Planning Perspective	Monday June 28 at 11.00 - 12.30
O.L. Oke, T. Parry, N.H. Thom and G.D. Airey	Laboratory Ageing Protocols for Asphalt Recycling in Hot Climates	Monday June 28 at 11.00 - 12.30
J.M. Ortega, I. Sánchez, M.A. Climent	Influence of environmental conditions on the durability properties of slag cement mortars	Wednesday June 30 at 9.00 - 10.30
Osmani M. and Pappu A.	Utilisation of Glass Reinforced Plastic Waste in Concrete and Cement Composites	Monday June 28 at 11.00 - 12.30
I. PAPAYIANNI	High Strength Concrete With High Volume Of Calcareous Fly Ash	Wednesday June 30 at 14.00 - 15.30
I. Papayianni, E. Anastasiou, M. Papachristoforou	High Performance Concrete For Pavements With Steel Slag Aggregate	Wednesday June 30 at 14.00 - 15.30
T. Parhizkar, A.M. Raies Ghasemi, A.R. Pourkhorshidi , A.A. Ramezaniapour	Influence of fly ash and dense packing method for increase durability of high performance concrete against to acid corrosion	Tuesday June 29 at 11.00 - 12.30
Charles E. Pierce, Larry R Brown II and Samuel Foster	Engineering Properties of Recycled Organic Aggregate for Controlled Low-Strength Materials	Monday June 28 at 16.00-17.30
I. S. Pinheiro, L. C. Montenegro, A. G. Gumieri	Pozzolanic Activity of Recycled Red Ceramic Bricks	Tuesday June 29 at 9.00 - 10.30
Siska L.A. Valcke, Rob B. Polder, Timo G. Nijland, Greet A. Leegwater, Jeanette H.M. Visser, Agnieszka A.J. Bigaj-van Vliet	High Filler Concrete using Pulverished Fly Ash: Chloride Penetration and Microstructure	Tuesday June 29 at 11.00 - 12.30
Homayoon Sadeghi Pouya, Essie Ganjian, Tayebeh Parhizkar, Arash Zamani	Properties and application of polymer modified and sulphur repair mortars in the aggressive environment of the Persian Gulf	Wednesday June 30 at 9.00 - 10.30
Stefano Cangiano, Antonio Princigallo	Using Dealuminated Metakaolin in Concrete as Microsilica Substitute	Monday June 28 at 14.00 - 15.30
Pedro Quiroga and Nancy Torres	Concrete with Aggregates from Construction and Demolition Waste in Colombia	Wednesday June 30 at 9.00 - 10.30
Nadeem Anwer Qureshi, Tayyeb Akram, S. Muhammad Jamil	Performance evaluation of Hot In-Place Recycling Experience in Pakistan	Tuesday June 29 at 14.00 - 15.30
Marc Rached, David Fowler and Eric Koehler	Use of Aggregates to Reduce Cement Content in Concrete	Wednesday June 30 at 9.00 - 10.30

L. Raki, G. Chan, O. Maadani, G. Pye, S. Tai, K. Trischuk and K. Babichuk	Properties of Concrete Containing a New kaolin-based Supplementary Cementing Material	Monday June 28 at 14.00 - 15.30
Ali A. Ramezaniانpour, S. S. Mirvalad, E. Aramun, M. Peidayesh	Effect of Four Iranian Natural Pozzolans on Concrete Durability against Chloride Penetration and Sulfate Attack	Monday June 28 at 16.00-17.30
A.A. Ramezaniانpour, E.Ghiasvand, I.Nickseresht, F. Moodi, M.E. Kamel	Engineering Properties And Durability Of Concretes Containing Limestone Cements	Tuesday June 29 at 9.00 - 10.30
A.A.Ramezaniانpour, P.Pourbeik, F.Moodi , M.Mahdikhani	Mechanical Properties and Durability of Concretes Containing Rice Husk Ash as Supplementary Cementing Material	Tuesday June 29 at 11.00 - 12.30
Adam C. Ramme, Bruce W. Ramme	HIGH-VOLUME FLY ASH STRUCTURAL GRADE CONCRETE for use in TRANSMISSION STRUCTURE FOUNDATIONS	Tuesday June 29 at 9.00 - 10.30
Bruce W. Ramme, Tarun R. Naik, Rudolph N. Kraus	AN INVESTIGATION OF CO2 SEQUESTRATION THROUGH MINERALIZATION	Wednesday June 30 at 11.00 - 12.30
Robert Rathbone, David Rust, Adam Peterson, Kamyar Mahboub, Thomas Robl	Fluidized Bed Combustion Ash Utilization: II. CFBC Bottom Ash as a Cementitious Material	Monday June 28 at 16.00-17.30
D. V. Reddy, Diana Arboleda, and Khaled Sobhan	Use of Hybrid Rice Husk Ash/Fly Ash as Sustainable and Green Supplementary Materials for Concrete in the Marine Environment	Tuesday June 29 at 14.00 - 15.30
Alan Richardson, Kathryn Coventry	Early life freeze/thaw durability of Type 1 polypropylene fibre and ground granulated blast furnace slag concretes	Wednesday June 30 at 9.00 - 10.30
Thomas Robl, Kamyar Mahboub, Will Stevens, Robert Rathbone	Fluidized Bed Combustion Ash Utilization: I. CFBC Fly Ash as a Pozzolanic Additive to Portland Cement Concrete	Monday June 28 at 16.00-17.30
Vito Alunno Rossetti, Luca Di Palma, Antonella Ferraro	Production and characterization of aggregate from non metallic Automotive Shredder Residues	Monday June 28 at 16.00-17.30
Valeria Corinaldesi, Gabriele Fava, Maria Letizia Ruello	Paper Mill Sludge Ash as Supplementary Cementitious Material	Tuesday June 29 at 16.00 - 17.30
Sorina Mitrea, Petru Budrugeac, Alina Ruxandra Caramitu, Gabriela Sbarcea, Lidia Avadanei	Characterization methods of some composites based on polypropylene reinforced with biodegradable fibers, for automotive applications	Wednesday June 30 at 14.00 - 15.30
Ali Sadr momtazi, Farzad Kheirkhah, Ali Fasihi, Akbar K. Haghi	Properties of Rice Husk Ash Concrete Containing Nano-SiO ₂	Monday June 28 at 16.00-17.30
Ali Sadr Momtazi, Mir Alimohamad Mirghozar Langrudi, Akbar Khodaparast Haggi, Hadi Rasmi Atigh	Durability of lightweight concrete containing EPS in salty exposure conditions	Tuesday June 29 at 9.00 - 10.30

Ali Sadrmomtazi, Hasan Barzegar	Assessment of the Effect of Nano-SiO ₂ on Physical and Mechanical Properties of Self-Compacting Concrete Containing Rice Husk Ash	Tuesday June 29 at 11.00 - 12.30
Ali Sadrmomtazi and Ali Fasihi	Preliminary Study on the Mechanical Behavior of Mortar Containing Waste Polypropylene Fiber and Nano-SiO ₂	Tuesday June 29 at 16.00 - 17.30
Behrooz Saghafi, Hassan Al Nageim, Shaun Friel, Nizar Ghazireh	New Activator to PFA used in Fly Ash Bound Mixtures (FABM) and High Dust Base and Subbase Materials	Tuesday June 29 at 16.00 - 17.30
Kaname Saitoh, Hiromi Fujiwara, Masanori Maruoka, and Erika Ogura	Study on Environment-Friendly Concrete Using Compound Materials	Wednesday June 30 at 9.00 - 10.30
Etsuo Sakai, Eiji Maruya	Material design of cement for increased waste usage and reduction of CO ₂ emissions	Tuesday June 29 at 11.00 - 12.30
Sakai K	Concrete and Sustainability	Wednesday June 30 at 16.00 - 17.30
Aleksander Samarin	Towards Better Understanding of the Amorphous Silica – Alkali Reactions and the Means of Preventing Glass Aggregate Expansion in Concrete	Wednesday June 30 at 14.00 - 15.30
I. Sánchez, T.S. Albertos, J.M. Ortega, M.A. Climent	Influence of environmental conditions on the durability properties of fly ash cement mortars	Tuesday June 29 at 16.00 - 17.30
A. Moral, F. Sinis, J. Hervás, A. Cerdá	ENVIRONMENTAL PROPERTIES VARIABILITY OF MSWI BOTTOM ASH AS ALTERNATIVE AGGREGATES IN ROAD CONSTRUCTION	Monday June 28 at 14.00 - 15.30
Vernon R. Schaefer, John T. Kevern and Kejin Wang	Pervious Concrete Overlay Design, Construction and Performance	Wednesday June 30 at 11.00 - 12.30
De Schutter, G., Feys, D., Verhoeven, R.	Estimation of the ecological profit for a concrete pipe factory shifting its production to self-compacting concrete technology	Wednesday June 30 at 9.00 - 10.30
Shohei Seiki, Tatsuya Nukushina, Seddik Meddah, Ryoichi Sato	Effectiveness of Porous Ceramic waste as an internal curing material for Fly Ash concrete	Tuesday June 29 at 9.00 - 10.30
Sanjaya Senadheera	A Course on Sustainable Materials Use in Civil Engineering: Syllabus, Delivery and Student Feedback	Monday June 28 at 16.00-17.30
Sara SGOBBA , Giuseppe Carlo MARANO , Massimo BORSA and Marcello MOLFETTA	Use of rubber particles from recycled tires as concrete aggregate for engineering applications	Monday June 28 at 14.00 - 15.30
Surendra P. Shah and Nathan Tregger	Improving Fly Ash Cementitious Materials for Sustainable Construction through Nanotechnology	Monday June 28 at 9.00 - 10.45
Yixin Shao, Sean Monkman and Sam Wang	Market analysis of CO ₂ sequestration in concrete building products	Wednesday June 30 at 14.00 - 15.30
Christopher R. Shearer, Nortey Yeboah, Kimberly E. Kurtis, Susan E. Burns	Investigation of Biomass Co-fired Fly Ash Properties: Characterization and Concrete Durability Performance	Tuesday June 29 at 11.00 - 12.30
Shamim A. Sheikh and S. M. Homam	Durable Retrofitting of Concrete Structures	Tuesday June 29 at 16.00 - 17.30

Akira Shigematsu , Ryoichi Sato, Tatsuya Nukushina, Mamoru Kimura	Improvement of Properties of B-Type Blast Furnace Slag Cement Concrete by Internal Curing used Ceramic Roof Material Waste as a Part of Coarse Aggregate	Wednesday June 30 at 11.00 - 12.30
Hak-Chul Shin and Zhifu Wan	Interfacial Properties Between New and Old Concretes	Monday June 28 at 11.00 - 12.30
Marcia Silva and Tarun R. Naik	Sustainable Use of Resources – Recycling of Sewage Treatment Plant Water in Concrete	Wednesday June 30 at 14.00 - 15.30
Mark Singleton, John Hutchinson	The Development of Fibre-Reinforced Polymer (FRP) Composites in Building Construction	Monday June 28 at 11.00 - 12.30
Gintautas Skripkiūnas, Audrius Grinys, Eugenijus Janavičius	Porosity and durability of rubberized concrete	Tuesday June 29 at 16.00 - 17.30
Konstantin SOBOLEV	The Effect of Mechano-Chemical Activation on Properties of Cement with High Volumes of Granulated Blast Furnace Slag	Wednesday June 30 at 14.00 - 15.30
Mia Wimala Soejoso, Kenji Kawai, Akihiro Fujiki, Yusuke Aoki, Yuta Iwatani	STUDY ON A FEW PARAMETERS RELATED TO THE ENVIRONMENTAL IMPACT IN PRECAST CONCRETE PRODUCTION	Wednesday June 30 at 14.00 - 15.30
Mohammed Sonebi	Rheology of pseudo-plastic grouts containing ground granulated blastfurnace slag and viscosity enhancing admixture	Tuesday June 29 at 14.00 - 15.30
K. J. Owens, Y. Bai, D. Cleland, P.A.M. Basheer, J. kwasny, M. Sonebi, S. Taylor, A. Gupta	Activation of High Volume Fly Ash Pastes using Chemical Activators	Wednesday June 30 at 9.00 - 10.30
MN Soutsos, KK Tang, and SG Millard	The Use of Recycled Demolition Aggregate in Precast Concrete Products	Monday June 28 at 11.00 - 12.30
Issam Srour, Ghassan Chehab, Elie Awwad and Wai Oswald	The use of sustainable techniques in the Lebanese construction industry	Monday June 28 at 14.00 - 15.30
Miguel P. Stehling, Abdias M. Gomes	CO2 Emissions From Brazilian Cement Manufacture Industry	Wednesday June 30 at 14.00 - 15.30
Alexander Yu. Stepanov	Carrying capacity of structural elements of buildings at emergency explosions and impacts	Tuesday June 29 at 14.00 - 15.30
Valentina F. Stepanova	CARBONATION PROCESS IN CONCRETE UNDER AGGRESIVE CARBON DIOXIDE ATTACK	Tuesday June 29 at 14.00 - 15.30
Larry Sutter, Karl Peterson, Jacob Vermillion	The Effect of Entrained Air-Void System Parameters and Supplementary Cementitious Materials on the Freeze-Thaw Durability of Concrete	Tuesday June 29 at 16.00 - 17.30
Šyc Michal, Keppert Martin, Pohořelý Michael, Novák Petr, Punčochář Miroslav, Fišerová Eva, Pekárek Vladimír	Fly Ash Treatment Technology in Modern Waste Incineration Plant	Tuesday June 29 at 16.00 - 17.30
Koji Takasu, Yasunori Matsufuji	Strength Property of The Concrete Using High Volume Fly Ash as a Part of The Fine Aggregate	Wednesday June 30 at 9.00 - 10.30

	Under 40 °C Air Curing	
Issam Takla, Nicolas Burlion, Jian-Fu Shao, Jérémie Saint-Marc, André Garnier	Effects of the storage of CO ₂ on multiaxial mechanical and hydraulic behaviours of an oilwell cement	Wednesday June 30 at 14.00 - 15.30
Vivian W. Y. Tam	Rate of Reusable and Recyclable Waste in Construction	Monday June 28 at 16.00-17.30
Prasanth Tanikella and Jan Olek	Incorporating Physical and Chemical Characteristics of Fly Ash in Statistical Modeling of Binder Properties	Wednesday June 30 at 11.00 - 12.30
Michael D.A. Thomas	Optimizing the Fly Ash Content for Sustainability, Durability and Constructability	Monday June 28 at 16.00-17.30
Michael D.A. Thomas and Allan C.N. Scott	Sustainable Concrete in a Marine Environment	Tuesday June 29 at 14.00 - 15.30
Francesca Tittarelli, Shiho Kawashima, Nathan Tregger, Giacomo Moriconi and Surendra P. Shah	Effect of GRP by-product addition on plastic and hardened properties of cement mortars	Monday June 28 at 11.00 - 12.30
İlker Bekir Topçu , Turhan Bilir , Hakan Kuşan	Life Cycle Assessment of Concrete Using Adaptive Neuro-Fuzzy Inference Systems	Monday June 28 at 11.00 - 12.30
Javad Torkaman	IMPROVEMENT MECHANISM OF BONDABILITY IN RICE HUSK PARTICLEBOARD WAS MADE WITH SODIUM SILICATE BY ISOCYANATE RESIN	Tuesday June 29 at 11.00 - 12.30
S. Tsimas	Incorporation of CCP's in Cement and Concrete. The Hellenic Case	Wednesday June 30 at 14.00 - 15.30
Nguyen Van Tuan, Guang Ye, Klass van Breugel and Zhanqi Guo	Apparent activation energy of cement blended with Rice husk ash	Tuesday June 29 at 14.00 - 15.30
G. Vardaka, C-T. Galbenis and S. Tsimas	Evaluation of Construction and Demolition Wastes as Aggregates in Pervious Concrete	Wednesday June 30 at 14.00 - 15.30
František Vodák, Vítězslav Vydra, Karel Trtík, Olga Kapičková	Effect of gamma irradiation on hardened cement paste	Tuesday June 29 at 16.00 - 17.30
Gabriele Vola, Enrico Lovera, Roberto Tezza, Edoardo Piazza	Re-use of by-products of the "Luserna Stone" for construction materials: technologies, environmental sustainability and economic feasibility	Monday June 28 at 14.00 - 15.30
Yu.S.Volkov, L.A.Malinina	THE PRODUCTION AND USE OF CONCRETE AND REINFORCED CONCRETE AS ECOLOGICAL DOMINANT	Tuesday June 29 at 14.00 - 15.30
Johan Vyncke, Jeroen Vrijders	Recycling of Construction and Demolition Waste in Belgium: State-of-the-art and opportunities for technology transfer	Tuesday June 29 at 16.00 - 17.30
J. Wang, K. Van Tittelboom, N. De Belie, W. Verstraete	Potential of applying bacteria to heal cracks in concrete autonomously	Tuesday June 29 at 16.00 - 17.30

Y. WANG, Z. Q. GUO, K. van BREUGEL	Study on Micronized Sands as Cement Replacement	Tuesday June 29 at 16.00 - 17.30
Wataru Itoh, Kei-ichi Imamoto , Akio Tanaka	Internal Curing effect of Artificial Lightweight Aggregate on Green Concrete comprising Pulverized Waste Plasterboard, Ground Granulated Blast Furnace Slag and Fly Ash	Monday June 28 at 11.00 - 12.30
Charles A. Weiss, Philip G. Malone, Michael L. Koenigstein	Vitreous–Ceramic Bonding Enamel: The Key to Strengthening Reinforced Concrete by Carbon Dioxide Sequestration	Monday June 28 at 16.00-17.30
H.G. Wheat	Effect of Fly Ash Replacement on Corrosion of Steel in Concrete-An Update	Wednesday June 30 at 9.00 - 10.30
Christopher James Whitman, Daniela Fernandez Holloway	The viability of improving energy efficiency and higrothermic comfort of rural social housing in central Chile using straw bale construction	Tuesday June 29 at 11.00 - 12.30
L Wright, J M Khatib, P S Mangat	Effect of Simulated Desulphurised Waste Content on Resistance to Sodium Sulphate	Tuesday June 29 at 9.00 - 10.30
T. Yamada, Y. Sato, H. Okada, T. Otani, K. Ueda, Y. Akiyoshi	Development of Production Method for Carbon-free Fly Ash (CfFA) and Properties of Concrete Containing CfFA	Tuesday June 29 at 11.00 - 12.30
Satoru YAMAMOTO, Kenkichi TASHIRO, Yoshiko HOSODA, Kouji ISHII, Hiroshi SEKI	Experimental Consideration on Criteria for Cathodic Protection of RC Members under High Moisture Conditions	Tuesday June 29 at 9.00 - 10.30
N. Yazdani, M. Filsaime, T. Manzur	Effect of Steam Curing on Concrete Piles with Silica Fume	Wednesday June 30 at 9.00 - 10.30
Guang Ye, Walter de Vries, Klaas van Breugel	Use of Micronized Sand as Replacement of Portland Cement - Modelling the Hydration Process and Microstructure Development	Tuesday June 29 at 16.00 - 17.30
Kyu-Seok Yeon, Yoon-Sang Choi, Sang-Hoon Hyun	Properties of Recycled Polymer Concrete Using Crushed Waste Polymer Concrete and Mortar as a Aggregate	Monday June 28 at 14.00 - 15.30
T. Bilir, İ. Yüksel, İ.B. Topçu	Effects of the Replacement of Industrial By-Products as Fine Aggregate in Concrete on Chloride Penetration	Monday June 28 at 16.00-17.30
Jiri Zach, Jitka Hroudova	Utilization of technical hemp for thermal insulating materials production	Tuesday June 29 at 9.00 - 10.30
John Zachar	More Sustainable and Economical Precast and Prestressed Concrete Through the Incorporation of Fly Ash as a Cement Replacement	Wednesday June 30 at 9.00 - 10.30
John Zachar and Tarun R. Naik	More Sustainable and Economical Concrete Using Fly Ash, Used Foundry Sand, and Other Residuals	Wednesday June 30 at 11.00 - 12.30
Min-Hong Zhang, Kåre Reknes	Effect of Modified Lignosulphonate Superplasticizer on Workability Retention and Initial Setting of Cement Pastes	Monday June 28 at 11.00 - 12.30
A.Zhiv, B. Isakulov, Y. Zhiv., Strelnikova A.S.	Light concrete on the base of industrial and agricultural waste	Tuesday June 29 at 9.00 - 10.30
Morteza Zohrabi and Seema Karami	Applicability of recycled and alternative aggregates in asphalt pavements and their performance	Tuesday June 29 at 16.00 - 17.30

	requirements in the UK	
E. Zornoza, P. Garcés, M.V. Borrachero, J. Payá	Durability Properties of Reinforced Mortars of Cement Partially Substituted with Spent Catalytic Cracking Catalyst (FC3R)	Tuesday June 29 at 11.00 - 12.30