

Thursday 16 April 2026

	Peristilium	Auditorium Devreker	Auditorium Picard	Auditorium Vlerick	Auditorium Denduyver	Auditorium Van Vaerenbergh	Leszaal 0.2 De Pelsmaeker
8:20-8:40		Globe presentation (Chair: Nele De Belie) / David Ruggiero - Global Consensus on Sustainability in the Built Environment					
8:40-9:10		Keynote 2 (Chair: Geert De Schutter) / Liberato Ferrara - A holistic approach to material concept and structural design with advanced cement based materials: a pathway to the decarbonisation of the built environment					
9:10-9:15	Walk to your session...						
9:15-10:00		Session T-DV-1 / TR10 / Sustainability: carbon footprint, preservation of raw materials, durability, re-use, recycling, demountable structures, LCA	Session T-PC-1 / TR7 / Materials: cementitious, non-cementitious, natural building materials	Session T-VR-1 / TR4 / Carbonation and CO2 uptake in coated and uncoated cementitious materials (Special Session)	Session T-DD-1 / TR8 / Processes: mixing, pumping, casting, 3D printing	Session T-VV-1 / TR5 / Infrastructure: structural behaviour, robustness, assessment, repair	Session T-DP-1 / TR9 / Recent developments in data and meta-data management (special session)
9:15-9:30		T-DV-1-1 / paper 59 / Environmental compatibility of waste incineration ashes as a substitution for aggregates - Kruppa, H., Vollpracht, A.	T-PC-1-1 / paper 249 / Mechanochemical activation of low-purity Clays: Comparative Evaluation of Milling Technologies and Upscaling Potential - Tole, I., Ke, X., Cardinal, N., Bernal, S.	T-VR-1-1 / paper 56 / Revisiting Carbonation: CO2 Uptake in Blended Cements over Decadal Timescales - Rathnakumar, S., Malchiodi, B., Zunino, F., Scrivener, K.	T-DD-1-1 / paper 349 / Bio-Inspired Structural Design and 3D Printing of Strain-Hardening Cementitious Composites (3DP-SHCC) - Du, G., Deng, X., Qian, Y.	T-VV-1-1 / paper 90 / Structural performance of 3D printed - Dilkin, E., Engel, S., Classen, M. concrete beams with CFRP reinforcement: a parametric investigation of shear behavior -	T-DP-1-1 / paper 45 / A Semantic Web-based framework for design assistance using Eurocodes - Jędrzejewska, A., Leonardi, M., Ramonell, C., Granja, J., Oliveira, D., Chacón, R., Azenha, M.
9:30-9:45		T-DV-1-2 / paper 109 / Effect of calcium hydroxide on the properties of lithium slag-slag-red mud based composite cement - Gao, W., Jiang, Z., De Schutter, G.	T-PC-1-2 / paper 41 / Utilisation of waste concrete powder as a partial or full replacement of ordinary Portland cement in the limestone calcined clay system - Al-Janabi, A., Hafez, H., Black, L.	T-VR-1-2 / paper 209 / Accelerated carbonation of alkali activated binders obtained by different byproducts - Masi, G., Pacente, C., Bandini, S., Franzoni, E., Bignozzi, M.	T-DD-1-2 / paper 52 / Printability of autogenous self-healing lime-cement mortars - Marquez, A., Ramallo, L., Lopesino, Y., Puentes, J., Palomar, I., Barluenga, G.	T-VV-1-2 / paper 116 / Uniaxial Compressive Performance of Concrete Cylinders Confined with Fe-SMA Strips: Comparative Study of Anchorage Techniques - Mohd Shahrulnizam Wong, N., Anak Maurice, C., Ismail, R., Ahmad Zakwan, F., Ahmad, N., Mohamad, N.	T-DP-1-2 / paper 55 / Sustainable Optimization of Ultra-High-Performance Concrete Using Recycled Fines and CO ₂ Mitigation: A Machine Learning and Swarm Intelligence Framework - Farouk, A., Dulaijan, S., Abdulrahman, S., Al-Osta, M., Abba, S.
9:45-10:00		T-DV-1-3 / paper 208 / Mechanical Performance Investigation of Mortar with Acid-Leached Sewage Sludge Ash - Balci, E., Beelen, J., Dolci, G., Turolla, A., Canziani, R., Gruyaert, E., Ferrara, L.	T-PC-1-3 / paper 76 / Engineering Sustainable Binders: The Role of Calcined Marl and Clays in LC3- Systems - Maravelaki, P., De Nardi, C.	T-VR-1-3 / paper 338 / Thermodynamic calculation based reactive transport modeling to study carbonation in low-carbon concrete - Pang, Q., Weiss, J., Isgor, B.	T-DD-1-3 / paper 67 / Manufacture and load-bearing capacity of cap ceilings in 3D concrete printing - Berthold, M., Döbert, C.	T-VV-1-3 / paper 118 / Experimental Study on the Uniaxial Compression Behavior of RC Columns Strengthened with Fe-SMA Strips - Ahmad, N., Ahmad Zakwan, F., Ismail, R., Muhamad Faizul, F., Mohd Hanif, M.	T-DP-1-3 / paper 219 / 3D Printable sustainable binders containing indigenous materials with organic additives: rheological, mechanical characteristics and life cycle assessment - Patil, M., Nayaka, R., Liebscher, M., Signorini, C.
10:00-10:30	Coffee + Posters						
10:30-11:30		Session T-DV-2 / TR10 / Sustainability: carbon footprint, preservation of raw materials, durability, re-use, recycling, demountable structures, LCA	Session T-PC-2 / TR7 / Materials: cementitious, non-cementitious, natural building materials	Session T-VR-2 / TR4 / Carbonation and CO2 uptake in coated and uncoated cementitious materials (Special Session)	Session T-DD-2 / TR8 / Processes: mixing, pumping, casting, 3D printing	Session T-VV-2 / TR5 / Infrastructure: structural behaviour, robustness, assessment, repair	Session T-DP-2 / TR9 / Recent developments in data and meta-data management (special session)
10:30-10:45		T-DV-2-1 / paper 327 / Artificial aggregates from waste pelletization to promote concrete sustainability - Corinaldesi, V., Tittarelli, F., Generosi, N., Donnini, J.	T-PC-2-1 / paper 164 / Experimental characterization of structural concretes with calcined clay-blended cements: Mechanical Performance and fibre reinforcement effects - Hidalgo-Astudillo, S., Quijano Arteaga, N., Batista Da Silva, N., Aguado, A., Tosic, N., de la Fuente Antequera, A.	T-VR-2-1 / paper 64 / What about the CO2 uptake after the service life of concrete structure? - Turcy, P., Mahieux, P., Hou, Y.	T-DD-2-1 / paper 188 / Rheological Behaviour of 3D-Printable Ultra-low-carbon Concrete Recipes - Lorika, D., Zhang, Y., Matthys, S., Van Tittelboom, K.	T-VV-2-1 / paper 198 / Optimizing flexural performance of slender reinforced concrete beams with different combinations of GFRP and fabric or grid reinforcement: An experimental study - Carvalho, B., Goliath, K., Oliveira, L.	T-DP-2-1 / paper 297 / Optimizing Concrete Mix Design Using a Database Model - Liard, M., Gnos, T., Vetsch, R., Stürwald, S.
10:45-11:00		T-DV-2-2 / paper 335 / Impact of carbonation on mechanical properties and microstructure of blended cementitious materials with heavy replacement of mineral SCMs - Tang, M., Phung, Q., Seetharam, S., Coppens, E., Shao, J., Wan-Wendner, R.	T-PC-2-2 / paper 173 / Influence of superplasticizer type and dosage on the fresh and hardened properties of engineered cementitious composites with limestone calcined clay cement (ECC-LC3) - Alma'aitah, M., Ghiassi, B., Kanavaris, F., Dhandapani, Y.	T-VR-2-2 / paper 357 / Carbonation Profiling of Metakaolin Blended Cements by ¹ H NMR relaxometry - Zhang, R., Joseph, S., Cizer, Ö.	T-DD-2-2 / paper 95 / Interplay of particle shape and size distribution on the angle of repose in secondary sands - Villagran-Zaccardi, Y., Peeraer, B., Kamyab, H.	T-VV-2-2 / paper 222 / Quantifying the Impact of Artificial surface roughness on the Bond Performance of Commercial Repair Mortars - Bielen, H., Beyers, J., Lefeve, G., G. Aggelis, D., Audenaert, A., Craey, B.	T-DP-2-2 / paper 311 / From Lab Data towards Machine-Learning: Managing Data In Internationals Projects - Schultheiß, A., Patel, R.
11:00-11:15		T-DV-2-3 / paper 364 / Efficient Direct Air Capture CO2 using Steel Slag - Tang, C., Ma, Z., Shen, P., Poon, C.	T-PC-2-3 / paper 326 / Versatile LC3 composite mix designs with recycled carbon fibres to promote circularity across applications - Jose, A., Berdini, D., Gomzyakov, A., Donnini, J., Corinaldesi, V., Mechtcherine, V., Liebscher, M., Signorini, C.	T-VR-2-3 / paper 344 / The influence of key parameters in modeling at-scale CO2 uptake In cement-based materials - Cunningham, P., Schmidt, W., Gluth, G.	T-DD-2-3 / paper 172 / Influence of recycled concrete aggregate in 3D impression mortars with cement type IAS 52.5R - Hermida, J., Tosic, N., Etxeberria, M., de la Fuente Antequera, A.	T-VV-2-3 / paper 325 / Dimensional Accuracy Control of Sprayed Strain-Hardening Cementitious Composite (SHCC) Layers for Structural Retrofitting - Hu, C., Whyte, L., Al-Ameen, E., Hamza, M., Muthukrishnan, S., Signorini, C., Blanco, A., Buswell, R., Mechtcherine, V.	T-DP-2-3 / paper 320 / FAIR Digital Objects for Structured Scientific Data - Unger, J., Iglezakis, D., Robens-Rademacher, A.
11:15-11:30		T-DV-2-4 / paper 384 / Development of a carbon-sequestering additive from waste plastic for maximizing carbon sequestration in cementitious binders - Singh, K., Gupta, S.	T-PC-2-4 / paper 365 / The effect of calcination temperature and duration on phase assemblage and reactivity of hydrated cement paste - Mobasher, M., Marsh, A., Scrivener, K.	T-VR-2-4 / paper 376 / How carbonation alters the microstructure and moisture transport in concrete - Zhang, Z., Angst, U.	T-DD-2-4 / paper 288 / Optimization and Performance Evaluation of 3D Printable Concrete Using Recycled Coarse Aggregates from Construction Waste - Nayak, A., Nayaka, R., Ukrainczyk, N.	T-VV-2-4 / paper 393 / Evaluation of the tensile performance of calcium hydroxide activated ultra-high-performance fiber-reinforced slag composites - OH, T., Lee, D., Na, Y., Jeong, C., Park, G., Hong, S., Yoo, D.	T-DP-2-4 / paper 336 / Beyond ISO 5725-2: Robust Statistical Methods for Precision and Reproducibility in Materials Testing - Moro, F., Keßler, S.
11:30-11:35	Walk to the keynote...						
11:35-12:05		Keynote 3 (Chair: Nele De Belie) / A. (Katerina) Varveri - Engineering sustainable and durable paving materials through chemomechanical optimization					
12:05-13:00	Lunch + Posters						
13:00-15:00		Session T-DV-3 / TR10 / Sustainability: carbon footprint, preservation of raw materials, durability, re-use, recycling, demountable structures, LCA	Session T-PC-3 / TR7 / Materials: cementitious, non-cementitious, natural building materials	Session T-VR-3 / TR4 / Carbonation and CO2 uptake in coated and uncoated cementitious materials (Special Session)	Session T-DD-3 / TR8 / Processes: mixing, pumping, casting, 3D printing	Session T-VV-3 / TR11 / Textile reinforced concrete (special session)	Session T-DP-3 / TR1 / Non-destructive characterisation of construction materials and processes (Special Session)
13:00-13:15		T-DV-3-1 / paper 257 / Field-Based Assessment and Modeling of Carbonation in 3D-Printed Lost Formworks - Lima, L., Su, Z., Zahno, V., Tennenini, C., Bernal, S., Wangler, T., J. Flatt, R.	T-PC-3-1 / paper 395 / Significance of proper sulfate adjustment in hybrid binders - Miraki, H., Zajac, M., Müller, A., De Weerd, K., Patel, R., Dehn, F.	T-VR-3-1 / paper 400 / The concept of degree of carbonation and experimental evidence - Andrade, C.	T-DD-3-1 / paper 205 / Bond assessment and enhancement of 3D printed-cast concrete interfaces - Saelens, L., Wan-Wendner, R., Caspele, R., Van Tittelboom, K.	T-VV-3-1 / paper 144 / Mechanical behaviour of hybrid textile reinforced concrete - Colombo, M., Ergin, T., Rampini, M., di Prisco, M.	T-DP-3-1 / paper 62 / Secondary imbibition as a novel durability indicator and its effect on external deformations in concrete - De Brabandere, L., Alderete, N., De Belie, N.
13:15-13:30		T-DV-3-2 / paper 24 / Durability of polymer-based coatings on reinforced concrete bridge curbes - Paglia, C.	T-PC-3-2 / paper 80 / Activated clays as key precursors in the formulation of sustainable hybrid alkali-activated cements - Shaghay Pucha, S., Ke, X., Heath, A., Bernal, S.	T-VR-3-2 / paper 146 / Carbon dioxide sequestration in concrete - A simplified uptake assessment via muffle furnace - Davolio, M., Muciaccia, G., Ferrara, L.	T-DD-3-2 / paper 265 / Shear Performance of 3D-Printed Concrete Interfaces: A Comparative Study of Horizontal and Vertical Joints - Alzoubi, Y., Muciaccia, G., Ferrara, L.	T-VV-3-2 / paper 83 / Influence of the textile placement on the flexural behaviour of Carbon Textile Reinforced Concrete - Denayer, R., Kapsalis, P., Tysmans, T., Keßler, S., Singh, S.	T-DP-3-2 / paper 247 / Monitoring of heterogeneity in cementitious materials based on dispersive ultrasound - Lefeve, G., Ospitia, N., Aggelis, D., De Belie, N.
13:30-13:45		T-DV-3-3 / paper 74 / Insights into ASR-induced cracking: mechanism of product formation, expansive stress and crack propagation - Gupta, M., Patel, R.	T-PC-3-3 / paper 244 / Alkali-activated materials utilising calcined clays as sustainable precursor - Steindl, F., Hassan, A., Radinger, S., Stainer, F., Wilkening, M., Kurka, A., Grengg, C.	T-VR-3-3 / paper 160 / Carbon dioxide uptake in biochar-based materials. - Neves Junior, A.	T-DD-3-3 / paper 321 / Powder Bed 3D printing Systems: Influence of Waveform Parameters on Jetting Behavior and Ejection Stability - Kondepudi, K., Gomzyakov, A., Liebscher, M., Mechtcherine, V.	T-VV-3-3 / paper 84 / Integration of prefabricated shear webs into TRC I-beams: experimental study - Meiners Muñoz, E., Kapsalis, P., Tysmans, T.	T-DP-3-3 / paper 308 / Air-coupled ultrasonic assessment of concrete damage and repair - Lefeve, G., Popovics, J., G. Aggelis, D.
13:45-14:00		T-DV-3-4 / paper 88 / Durability of concretes produced with low carbon cements - Kalaitzis, A., Sideris, K.	T-PC-3-4 / paper 367 / Thermodynamic modeling of geopolymers exposed to acid - Ukrainczyk, N.	T-VR-3-4 / paper 271 / CO2 uptake capacity of wood biomass ash based mortars - Pacente, C., Masi, G., Bandini, S., Franzoni, E., Bignozzi, M.	T-DD-3-4 / paper 332 / Recycled Ceramic as Supplementary Cementitious Materials for 3D printing applications - Ferrari, L., Rizzieri, G., Ferrara, L., Franzoni, E.	T-VV-3-4 / paper 97 / Textile-reinforced aerogel-incorporated cementitious composites; Part A: investigations on the matrix and analytical prediction of the composite bending behaviour - Kapsalis, P., Zochiou, L., Polyzos, E., Gkournelos, P., Tysmans, T., Triantafillou, T.	T-DP-3-4 / paper 302 / Dielectric Response of Concrete under Varying Salt Concentrations : A Maxwell-Wagner Perspective - Rai, A., Sharma, U., Ball, R.
14:00-14:15		T-DV-3-5 / paper 125 / Comparative analysis of numerical models for corrosion-induced concrete Cracking - Wildermann, G., Patel, R., Dehn, F.	T-PC-3-5 / paper 385 / Effect of Calcium on MK/GGBS Based Strain-Hardening Geopolymer Composites (SHGC) - Qian, S., Li, Z., Sankeeth, S., Das, N.	T-VR-3-5 / paper 202 / Investigating the Impact of Floor Coverings on Concrete Carbonation in Residential Buildings - Law, D., Zhang, J., Patrisia, Y.	T-DD-3-5 / paper 337 / Effects of bio-based components on rheology and printability of low cement-based 3D printable mortars - Varela, H., Canavaro Cavalcante, T., Lopesino, Y., Mendoza Reales, O., Toledo Filho, R., Barluenga, G.	T-VV-3-5 / paper 105 / Textile-reinforced aerogel-incorporated cementitious composites; part B: mechanical and thermal characterization of the matrix and the flexural composite behavior - Zochiou, L., Kapsalis, P., Tysmans, T., Triantafillou, T.	T-DP-3-5 / paper 310 / In situ Experiments with Acoustic Emission and X-ray imaging to measure damage processes in concrete - Skłodowska, A., Fritsch, T., Bergner, T., Ives, D., Widjaja, M., Landis, E.
14:15-14:30		T-DV-3-6 / paper 132 / Durability of Alkali-Activated Slag Mortars under Sodium and Magnesium Sulfate Exposure - Schultheiß, A., Patel, R., Dehn, F.	T-PC-3-6 / paper 388 / Effects of alkaline activator and slag chemistry on the solidification of Pb and Mn in alkali-activated slag - Zuo, Y., Provis, J., Criado, M.	T-VR-3-6 / paper 225 / Study on evaluation method and criteria for carbonation suppression effect of exterior finishing material - Aoki, S., Hamasaki, H., Motohashi, K., Etchuya, K., Noritake, S., Matsuzawa, K., Tsuchiya, N.	T-DD-3-6 / paper 355 / Preliminary experimental investigation on the material properties of a lightweight foamed concrete via 3D printing - Parmigliani, S., Falliano, D., Ferro, G., Restuccia, L., Van Tittelboom, K., De Schutter, G.	T-VV-3-6 / paper 151 / Influence of variable stress ratios on carbon-reinforced concrete under biaxial tensile loading - Schmidt, J., Weiß, M., Curoşu, I., Marx, S., Curbach, M.	T-DP-3-6 / paper 318 / On-demand curing control of concrete using acoustic emission monitoring - Korda, E., Snoeck, D., De Schutter, G., G. Aggelis, D.

14:30-14:45		T-DV-3-7 / paper 140 / Durability Assessment of Cementitious Materials: A Pore-Scale Numerical Study Focused on Carbonation - Tong, L., Liu, Q.	T-PC-3-7 / paper 391 / Fresh state properties of alkali-activated slag mortars incorporating wood biomass fly ash - Aghabeyk, F., Chen, B., Brito van Zijl, M., Zhang, S., Ye, G.		T-DD-3-7 / paper 370 / Use of Excavated Soil as Fine Aggregate in 3D-Printed Concrete: Effects on Fresh Properties, Strength, and Carbon Uptake - Kumar, S., Dixit, A.	T-VV-3-7 / paper 199 / Numerical modelling of TRC shell formworks: from homogenized approaches to explicit textile simulation - Saccomanno, C., Rampini, M., Zani, G., Romeo, F.	T-DP-3-7 / paper 324 / Impedance-Based Monitoring of Rheological Property Evolution in Cementitious Binders for 3D Concrete Printing - Kocherla, A., Schönsee, E., Lorenzoni, R., Mezhov, A., Strangfeld, C., Hüsken, G.
14:45-15:00		T-DV-3-8 / paper 161 / Role of Alko-Amine Inhibitor Corrosion Inhibitor Formulation in Enhancing Durability of Reinforced Concrete Subjected to Chloride-rich Exposure - Agrawal, H., Muhammad, S., Patil, A.	T-PC-3-8 / paper 71 / Evaluating Drying Techniques for Alkali-Activated Materials: Nitrogen adsorption and Thermal Insights - Alnahhal, A., Hajimohammadi, A., Kim, T.		T-DD-3-8 / paper 408 / Development of bio-based mortars with advanced functionalities for 3D-printed modular construction - Otero, M., Freire, L.	T-VV-3-8 / paper 315 / Flexural response of mineral-impregnated textile reinforced concrete - Li, T., Ghiassi, B.	T-DP-3-8
15:00-15:20	Coffee + Posters						
15:20-15:50		Keynote 4 (Chair: Nele De Belie) / Ana Bras - Nature-inspired innovations: bio-based materials for resilient buildings and structures					
15:50-16:00	Walk to your session...						
16:00-18:00		Session T-DV-4 / TR10 / Sustainability: carbon footprint, preservation of raw materials, durability, re-use, recycling, demountable structures, LCA	Session T-PC-4 / TR7 / Materials: cementitious, non-cementitious, natural building materials	Session T-VR-4 / TR3 / Buildings: assessment, preservation, rehabilitation, strengthening, energy, indoor climate	Session T-DD-4 / TR10 / Sustainability: carbon footprint, preservation of raw materials, durability, re-use, recycling, demountable structures, LCA	Session T-VV-4 / TR11 / Textile reinforced concrete (special session)	Session T-DP-4 / TR1 / Non-destructive characterisation of construction materials and processes (Special Session)
16:00-16:15		T-DV-4-1 / paper 285 / Comparative LCA of Carbonated Construction Products Considering Associated Permanent Carbon Storage and Waste Treatment Functions - Belizario-Silva, F., Habert, G.	T-PC-4-1 / paper 402 / Valorization of Low-Grade Limestone for Sustainable Concrete and Extended quarry reserve Life - Chauhan, A., Santhanam, M.	T-VR-4-1 / paper 72 / High thermal performance mortars with bio-based PCM for 3d printing architectural applications - Marquez, A., Morina, N., Koenders, E., Barluenga, G.	T-DD-4-1 / paper 73 / Lower the carbon footprint of buildings: comparison of rehabilitation and recycling concrete with carbon sequestration - Fang, H., Cooper, J.	T-VV-4-1 / paper 179 / Investigation of concrete spalling for carbon-reinforced concrete under high temperature - Benedix, O., Baumgärtel, E., Curbach, M., Beckmann, B.	T-DP-4-1 / Paper 28 / Unveiling the Steel-Concrete Interfacial Characteristics Influencing Chloride-Induced Corrosion Initiation Using X-ray Computed Tomography - Governo, S., Rossi, E., Azad, S., Kaestner, A., Angst, U.
16:15-16:30		T-DV-4-2 / paper 86 / Life Cycle Assessment of reinforced concrete structures exposed to XC4 exposure class: the influence of cement type and local microclimate - Chaitas, E., Sideris, K.	T-PC-4-2 / paper 65 / Design and characterization of repair mortar using oyster aggregates and alkali-activated slag binder - Wilson, A., Grégoire, D.	T-VR-4-2 / paper 54 / Experimental and numerical thermal assessment of 3D printed lime-cement mortars for multilayer architectural enclosures - Ramallo, L., Caggiano, A., Peralta, I., Palomar, I., Barluenga, G.	T-DD-4-2 / paper 177 / Bridging the Gap: Hybrid Binders as a Transitional Solution in Cement Standardization - Etcheverry, J., De Belie, N.	T-VV-4-2 / paper 224 / Flexural response of fire-damaged beams strengthened with C-FRCM - Elnassar, Z., Khalaf, S., Abed, F.	T-DP-4-2 / paper 70 / Designing a Semi-Automated Testing Framework for Structural Re-Use of Concrete Elements - Hendricks, J., Dilkin, E., Classen, M.
16:30-16:45		T-DV-4-3 / paper 107 / Embodied Energy and Carbon Footprint of Sustainable Asphalt Dike Innovations: A Comparative Study - Chi Valdespino, V., Singh, A., Varveri, A., Loeff, A.	T-PC-4-3 / paper 78 / Balancing porosity and strength in concrete incorporating oyster shells: a strategy for high-mass shell reuse - Guo, S., Hantz, T., Grégoire, D.	T-VR-4-3 / paper 101 / Climate-resilient building envelopes - Sharma, K., Francis, A., Globa, A.	T-DD-4-3 / paper 193 / Effect of Cement type on durability properties of concrete - Zhutovsky, S., Kedem, S.	T-VV-4-3 / paper 227 / Advancing sustainable materials and processes for construction with self-stressing textile reinforced concrete - Pamudji, M., Ghiassi, B.	T-DP-4-3 / paper 150 / Non-destructive Evaluation of Damage Progression in GFRP-bar Reinforced Concrete Beams Through Multi-Technical Analysis - Lacidogna, G., Jiang, Z., Friedrich, L., Iturr, I.
16:45-17:00		T-DV-4-4 / paper 136 / Assessing the Sustainability Performance of Built Heritage Structures through Indicators: Integrating Life Cycle Thinking and Regulatory Frameworks - Gunduz, G., Santini, S.	T-PC-4-4 / paper 133 / An Experimental Study on Partial Replacement of Portland Cement with Zeolite Powder in Pervious Concrete - Hopkins, D., Almeida, N.	T-VR-4-4 / paper 192 / Evaluation of the Influence of Microencapsulated PCM on the Mechanical, Durability, and Thermal Performance of Sustainable Cementitious Mortars - Rabiei, F., Zanjani, M., Lagazzo, A., Rocha Ferreira, S., Ferrandiz-Mas, V., Caggiano, A.	T-DD-4-4 / paper 286 / Towards sustainable concrete: a case study on environmental performance, water, and energy use - Mack-Vergara, Y., Batista, N., Moreno, E., Arjona, K., John, V.	T-VV-4-4 / paper 248 / Influence of fabric manufacturing techniques on the tensile capacity of textile reinforced concrete (TRC) - Zare, P., Wachter, J., Konzilia, J., Feix, J., Preinstorfer, P.	T-DP-4-4 / paper 210 / Geometric and Material Parameters in the Manual Draping of Carbon Textiles on Waterbomb Modules - Cortes Satizabal, L., Ramachandran, T., Heins, K., Gries, T.
17:00-17:15		T-DV-4-5 / paper 165 / Self-compacting lightweight concrete reinforced with polypropylene fibres: Highlighting mechanical Behavior and life cycle assessment - Hidalgo-Astudillo, S., Garcia-Troncoso, N., Quijano Arteaga, N., Aguado, A., Tosic, N., de la Fuente Antequera, A.	T-PC-4-5 / paper 139 / Utilisation of excavated London clay from tunneling operations in concrete – Updates from a cross-industry multidisciplinary innovation initiative - Kanavaris, F.	T-VR-4-5 / paper 256 / Multi-criteria optimization of low-carbon thermal insulation mortar for sustainable building renovation - Feuardent, T., Patapy, C., Samson, G., Binet, B., Cyr, M.	T-DD-4-5 / paper 206 / Low carbon, high performance additive solutions for pavements - Cherukupalli, S., Pathak, H., Kanaujia, S., Ruan, Y., Hacker, S., Kamble, N., Sharma, R.	T-VV-4-5 / paper 261 / Bond Behavior in Textile Reinforced Mortar Composites - Toska, K., Fitwi, T., Faleschini, F.	T-DP-4-5 / paper 263 / Monitoring of heat-damaged TRM-Confined Concrete through NDTs - Toska, K., Tsangouri, E., Beaucour, A., Noumowe, A., G. Aggelis, D.
17:15-17:30		T-DV-4-6 / paper 352 / Assessing Climate Impacts of Supplementary Cementitious Materials in Cement: An LCA based Global Warming Potential Perspective - Jain, S., Francis, A., Bishnoi, S.	T-PC-4-6 / paper 166 / Mechanical and Durability Performance of Conventional Concrete with Partial Replacement of Fine Aggregate by Olive pit ash - Quijano Arteaga, N., Hidalgo-Astudillo, S., Rebollo, J., Aguado, A., de la Fuente Antequera, A.	T-VR-4-6 / paper 279 / Advanced Cementitious Micro-Encapsulation Using Pre-Placed Aggregate for Thermal Energy Systems - Zanjani, M., Rocha Ferreira, S., Lagazzo, A., Caggiano, A., Fachinotti, V.	T-DD-4-6 / Paper nnn / Controlling factors of crack healing in microbial-based self-healing concrete - Jianyun Wang, Fuxin Hou, Hanyu Guo	T-VV-4-6 / paper 306 / Development of Durable E-glass Textile Reinforced Cementitious Composites through Carbonation - Nayar, S., Kusumanchi, S., Parathi, S., Raj, A., Gettu, R.	T-DP-4-6 / paper 323 / Detection of different orientations of internal cracks in concrete utilizing impact-echo data analysed by AI based on un/supervised deep learning - Pandum, J., Hashimoto, K., Sugiyama, T.
17:30-17:45		T-DV-4-7 / paper 359 / Approaches for the integration of socio-economic parameters in the life cycle assessment of construction materials and buildings - Schmidt, W., Kamashanju, K., Stürwald, S., Dauda, R., Buregyeya, A., Toledo Filho, R., Misselwitz, P., Reitz, J.	T-PC-4-7 / paper 371 / Performance of High Cement-Substitution Concretes: Effect of Limestone Filler on Chloride-Ion Permeability - Ouellet-Plamondon, C., Silva Santana, J., Brial, V.	T-VR-4-7 / paper 185 / Investigating optimal wall to window ratio based on building orientation for traditional buildings in Malawi - Chirwa, S., Zhang, L., Ma, X.	T-DD-4-7 / paper 215 / Carbon Calculator FOR reducing Embodied Carbon FOOTPRINT of home Retrofitting - Achintha, M., Ma, R., Mank, A.	T-VV-4-7 / paper 358 / Influence of pH and Temperature Variations on E-Glass Textile with SBR and PVC Coatings - Elsa Thomas, G., ., N., S., V., Amri, A., Gettu, R., Wable, C.	
17:45-18:00		T-DV-4-8 / paper nnn / sustainable cement starts in the lab - Butt, T.			T-DD-4-8 / paper 183 / A Sustainable Housing Model for Flood Resilience and Energy Independence in Pakistan - Hassan, M., Tariq, S., Basit, T., Jamal, M.		
19:00-22:00	Conference dinner (upon registration), location: ...						