

Programme

10:00 – 10:15		Welcome and introductory talks: Prof Agnieszka J. Klemm, Chair Prof Ole Pahl, Associate Dean - Research Dr Raman Mangabhai, Past President of ICT	
10:15 – 11:15		Session 1	
10:15	Abbas, A.	The effects of carbonation on the chloride resistance of concretes with SCMs	University of Brighton
10:25	Salifu, E.	Advances in Microbial-based Cementitious Materials and their Potential Applications in the Construction Industry	University of Strathclyde
10:35	Meenakshi, T.	Self-healing efficiency of steam cured Engineered Cementitious Composites at 28 days	Loughborough University
10:45	Briki, Y.	The limiting factors SCMs reaction at later ages in low clinker cements	LMC/EPFL - Hilderberg Cement
10:55 – 11:15		Discussion	
11:15 – 11:30		Coffee break	
11:30 – 12:30		Session 2	
11:30	Rostami, R.	Application of Superabsorbent polymers on the Performance of blended cement mortars reinforced by polymeric fibre Mortars – an overview	Glasgow Caledonian University
11:40	MacLennan, S.	Sorption Characteristics of SAP in GGBS and copper slag solutions with AA.	Glasgow Caledonian University
11:50	Draper, S.	Optimising the embodied carbon efficiency of composite cements using thermodynamic modelling	Imperial College London
12:00	Campbell, A.	Exploration of a 3D Printed Geo-Polymer with Respect to Interlayer Bond Strength	Edinburgh Napier University
12:10 – 12:30		Discussion	
12:30 – 13:30		Lunch Break	
13:30 – 14:30		Session 3	
13:30	Alessandra, O.	Development and modelling of elastomeric bearing for the seismic protection of buildings	University of Strathclyde
13:40	Moghadam, S.	Manufacturing free-form inflated thin-walled steel structural members	Loughborough University
13:50	Zhao, X.	Numerical simulations of disproportionate collapses of tall timber building under fire conditions	Glasgow Caledonian University
14:00	Junqueira Gontijo, B.	Pathological manifestations on concrete bridges in Northeastern Brazil roads	UFMG - Brazil
14:10 – 14:30		Discussion	
14:30 – 14:45		Coffee break	
14:45 – 15:45		Session 4	
14:45	Karimi, H.	Assessment of Surface Roughness of Ni and Ni-Si ₃ N ₄ . Nano-composite coatings fabricated by pulse electrodeposition	Shiraz University - Iran
14:55	Almeida, F.	Evaluation of chloride penetration in cementitious matrices with sugarcane bagasse ash sand	UFMG - Brazil
15:05	Alves, G.	Crushing Process Impact on the Characteristics of Fine Recycled Aggregates	UFMG - Brazil
15:15	Pesce, C.	Cementitious Mortars and Polyurethane Foams for Additive Building Manufacturing	Northumbria University
15:25 – 15:45		Discussion	
15:45 – 16:00		Coffee break	
16:00 – 16:00		Prizes and acknowledgements	