

Pitch + Poster session (2 of 2)

Time	Thursday 3.07		
14:45-16:15	ID	Pitch Session (Auditorium)	
14:45-16:15	19	In situ analysis of carbonation curing using a 3D printed microfluidic device	<u>Herauld Valentin</u> , Levenstein A. Mark, Chevallard Corinne, Foy Eddy, Poyet Stéphane, Berthault Patrick, Boutin Celine, Charon Emeline
	20	Carbonation of Mg(OH) ₂	Saskia Franke, Frank Bellmann, Jürgen Neubauer
	21	Carbonation of Limestone Calcined Clay Cement with Varied Water-to-Cement Ratios and Clinker Substitution	Chun-Tao Chen, Chieh-Hsin Chen
	22	Early-age carbonation of LC3 in dependence of clay minerals and temperature	Katarina Šter, Aljoša Šajna, Sabina Dolenc
	23	Influence of low carbon concrete pore solution on passive film formation: a computational study	Shefali Aggarwal, Aslam Kunhi Mohamed, Radhakrishna G. Pillai
	24	Insights on Phase Composition, Hydration, and Durability via Raman Imaging	Chirayu Kothari, Momina Rauf, Gyeongryul Kim, Yaman Garg, Nishant Garg
	25	Overcoming challenges in the implementation of low-carbon concrete	Ilyana Ahmed-Khedda, Beatrice Malchiodi, Karen Scrivener
	26	Molecular Level Interactions of Chemical Admixtures during Initial Stages of Cement Hydration	Dipendra Kumar Das, Aslam Kunhi Mohamed
	27	Quantitative Metrics for Particle Packing: Role of Size & Shape	Bayezid Baten, Nishant Garg
	28	Hydration and Microstructure of low carbon cementitious materials based on calcined coal gangue in China	Cheng Yu, Ruochen Jiang, Jiaping Liu
	29	Pozzolanic activity of mechanochemically and thermally activated coal gangue in limestone calcined clay cement (LC3)	Lei Xu, Beatrice Malchiodi, Karen Scrivener
	30	Mechanochemical treatment of MSWI residues for utilization as supplementary cementitious materials	Tuan Van Truong, Gunvor M. Kirkelund, Priyadharshini Perumal
	31	Use of Nepheline Syenite Tailing Dust in Blended Cement Composites	Dima Kanaan, Shahria Alam
	32	Advantageous replacement of Portland clinker with LC3 or CSA in drymix mortars	Marcin Kupiński, Łukasz Kotwica
16:15-17:30	33	Development of low-carbon cementitious binder for waste treatment by alkaline activation and optimized deflocculation	Youssef El Hafiane, Agnès Smith, Claire Peyratout, Ismail El Alaoui El Ismaili, Mélanie Brenot Lemunier
	34	Reactive siliceous natural materials for the formulation of low-carbon ecological cement	Sahar Oun, Youssef. El Hafiane, Basma Samet
Poster session (Sala Balint, Coffe break served in the room) + Best Poster and Paper Award			
19:00-21:00	Dinner at Monte Verità (Dining room)		