

Date	Tuesday 1.07	
	Hydration (Auditorium)	
08:30-09:15	Hydration of blended cements containing calcined clays: knowns, unknowns and outstanding challenges (I)	Invited speaker: Thomas Matschei
09:15-10:00	Hydration of blended cements containing calcined clays: knowns, unknowns and outstanding challenges (II)	Invited speaker: Franco Zunino
10:00-10:30	Coffee break (Sala Balint)	
10:30-10:55	Novel insights on the micro- and nanostructures of cementitious materials by advanced synchrotron X-Ray techniques	Invited speaker: M.A. Garcia Aranda
10:55-11:20	Optimizing strength and reducing CO ₂ for cementitious binder: from OPC to sustainable binder	Invited speaker: Xuerun Li
11:20-11:35	Unlocking additional CO ₂ savings through hydration kinetic optimization in low carbon cements	Arnd Eberhardt, Thomas Matschei, Harald Gundelwein (Holcim Switzerland, Platinum Sponsor)
11:35-11:50	A Reflection on the Desirable Clinker Composition in Blended Cements – A focus on C3A	Davide Zampini (CEMEX, Gold Sponsor)
11:50-12:05	Separating physical and structural influences on the hydration behaviour of intensively milled C3S	Alastair Marsh, Thiago Nobre, Marjorie Etchevers, Alexander Pisch, Karen Scrivener
12:05-12:20	Microstructural Characterization of Low Clinker Binders Using Machine Learning Image Processing	Alexandre Ouzia, Inna Kucher, Geoffrey Daniel
12:30-14:00	Lunch at Monte Verità (Dining room)	
14:00-14:15	Application of 1H Low Field NMR to understand the development of porous microstructure in low-carbon cements: LC3 and alkali activated cements	Lucia Ferrari, G. Masi, V. Bortolotti, N. Mikanovic, M. Ben-Haha, M. C. Bignozzi, E. Franzoni
14:15-14:30	Effects of carbonated cement paste on hydration of ternary blends containing Portland cement and metakaolin studied by 29Si and 27Al MAS NMR	Fabio Maia Neto, Jørgen Skibsted
14:30-14:45	Optimization of hydrothermal synthesis of kaolinite for the production of pure metakaolin	Paolo Camesasca, Franco Zunino
14:45-17:30	3-min Pitch + Poster Session (Sala Balint, Coffee break served in the room)	
19:00-21:00	Dinner at Monte Verità (Dining room)	

Production	Alternat. Binders		CSH
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