

Pitch + Poster session (1 of 2)

Time	Tuesday 1.07		
14:45-16:15	ID	Pitch Session (Auditorium)	
14:45-16:15	1	Molecular Insights into Hydration of Clinker Phases	Amal Mathyas
	2	Elucidating C-S-H Nucleation at Molecular Resolution	Adarsh Pathiyath , Aslam Kunhi Mohamed
	3	Immobilization of Ca^{2+} by OH^- on Calcium Silicate Hydrate	Ziga Casar , Laura Mismetti, Maya Harris, H. Chris Greenwell, Karen Scrivener, Milan Predota, Paul Bowen
	4	Minimum clinker (C-S-H) threshold of low clinker cements and alternative binders	Timur Mukhametkaliyev , Karen Scrivener
	5	CALPHAD thermodynamics for OPC clinker mineralogy prediction	Ramon Bandak Ramirez , Wilson Leal da Silva, Alexander Pisch
	6	Effects of the sulfate/alkali ratio in laboratory-synthesized clinker systems	Marjorie Etchevers , Alastair Marsh, Alexander Pisch, Karen Scrivener
	7	Understanding the Contribution of Calcium Aluminate Phases in Low-Clinker Portland Cements	Robert Wojtaszczyk , Alastair Marsh, Karen Scrivener
	8	Influence of potassium on the formation of belite at low temperatures	Mohammad Mobasher , Alastair Marsh, Karen Scrivener
	9	Temperature control of early-age hydration and structuration of belite-ye'elimite-ferrite cement	Maruša Mrak , Frank Winnefeld, Majda Pavlin, Ana Brunčič, Andreja Pondelak, Sabina Dolenec
	10	Hydrous carbonate-containing brucite (HCB): a newly discovered hydrate phase in hydrated magnesium carbonate cements	Frank Winnefeld , Alexander German, Daniel Jansen, Pietro Lura, Barbara Lothenbach
	11	Comprehensive DFT Study of Calcium Carbonate Polymorphs Using SCAN Exchange-Correlation Functional	Batoul Assi
	12	Impact of humidity on the mechanical properties of binders based on magnesium oxide with different hydrated magnesium carbonates	Vincent Hallet , Frank Winnefeld, Barbara Lothenbach
	13	Impact of aluminum from metakaolin on the hydration of MgO/nesquehonite binders	Zeyu Zhou , Ellina Bernard, Barbara Lothenbach
	14	The Use of Coal Bottom Ash as a Supplementary Cementitious Material	Cole Spencer
	15	Low-Carbon Cement Incorporating Volcanic Pozzolan Ash and Silicon Manganese Slag: Mechanical Performance and Microstructural Insights	Dileepa Chathuranga Hettiarachchi , S.M Samindi M.K Samarakoon, Kidane F. Gebremariam, Kjell Tore Fosså
	16	Quantifying chloride resistance of concrete from cement paste-scale tests	Dhanush Bejjarapu , Francois Saulgeot, Beatrice Malchiodi, Karen Scrivener
	17	Comparative Life Cycle Assessment of Thermal and Mechanical Activation Methods in Clay Processing	Isabel Pol Segura
	18	Reactivity assessment of mechanically and thermally activated clays for cement production	Marcelly Pires de Sousa Ramos Cipriano , Isabel Pol Segura, Fabien Georget, Thomas Matschei, Wilson Ricardo Leal da Silva
16:15-17:30	Poster session (Sala Balint, Coffe break served in the room)		
19:00-21:00	Dinner at Monte Verità (Dining room)		