nanocem

NANOCEM Consortium Autumn events 2019
October 21-24, 2019, Campus St. Just, Paris, France
PROGRAMME

Start	Duration (in min)	Event
Monday 21st October 2019		
14:00	180	**CP 15 Coordination meeting**
19:00		*Poster session and dinner*
Tuesday 22nd October 2019, morning		
Nanocem Consortium meeting		
Partner project renewals, Internal Proposal and brainstorming reports		
09:00	5	Welcome and Introduction
09:05	20	Study of ettringite formation during Sulfoaluminate cement hydration Christophe Labbez (U-Bourgogne)
09:25	20	Development and analysis of properties of new valuable functional cement-based materials containing modified steel slags Eva Jimenez-Relinque (IETcc-CSIC)
09:45	20	Drying creep and microcracking in concrete Vit Smilauer (CTU)
10:05	30	*Picture, Poster session and Coffee break*
10:35	20	Ageing and long-term durability of RC blocks in marine site - Analysis and prediction of coupled transport of chlorides and sulfates Véronique Baroghel-Bouny (Ifsttar)
10:55	20	Macroscopic Volume Changes of Cement Paste During Sorption Cycles and Mechanical Properties of Cementitious Materials Used in Dentistry Bernhard Pichler (TU Wien)
11:15	20	Maintenance and extension of cemff: A database for atomistic simulations of cementitious systems Aslam Kunhi Mohamed (ETHZ)
11:35	20	Update on the industrial brainstorming exercise for further CO_2 reduction Mohsen Ben Haha (HeidelbergCement), Bruno Huet (LafargeHolcim), Martin Mosquet, (LafargeHolcim)
11:55	15	Nanocem and the Global Cement & Concrete Research Network , W. Dienemann (HeidelbergCement)
12:10		*Poster session and Lunch*

Tuesday 22nd October 2019, afternoon		
13:15		IAB and SciCom in Parallel
15:15		Steering Committee
Tuesday 22nd October 2019, late afternoon and evening		
16:45	10	Feedback Steering committee and Assembly
16:55	10	Old PP Ubourgogne: Study of nucleation-growth processes of ettringite. Influence on the rheology of concentrated suspensions Christophe Labbez (U-bourgogne)
17:05	10	Old PP CSIC: Sustainability of photocatalytic technologies on urban pavements: From laboratory tests to in field compliance criteria / LIFE-PHOTOSCALING Eva Jimenez-Relinque (IETcc-CSIC)
17:15	10	Old PP CTU: Micro-Bending Tests Vit Smilauer (CTU)
17:25	10	Old PP Ifsttar: Platform of physical models of multiphase/multispecies transport within cementitious materials subjected to wetting-drying cycles – Combination of pre-existing models and extension within a probabilistic framework Véronique Baroghel-Bouny (Ifsttar)
17:35	10	Old PP TU Wien: Multiscale Modeling of Cementitious Materials Subjected to Temperature Changes: Thermal Expansion and Creep Bernhard Pichler (TU Wien)
17:45		*Poster session*
19:15		*Dinner*

Wednesday 23rd October 2019, morning		
Nanocem Consortium meeting (cont)		
08:45	10	CP 14 "Frost Salt Scaling of concrete" Report Katja Fridh (Lund University)
08:55	30	CP 15 "Activities and nucleation processes in the SiO_2-CaO-H_2O-Organics system" Report Lina Bouzouaid (Univ. Bourgogne-Dijon)
09:25	45	CP16 "Stability and properties of hydrate phase assemblages with high Al content in real microstructure" Report Natechanok Chitvoranund (EPFL)
10:10	15	CP 17 "High-temperature thermodynamics of Portland Cement Clinkers" Report Wahad Abdul and Marcus Campbell Bannermann (Univ. Aberdeen)
10:25	30	***Coffee break***
10:55	30	Nanocem Hydration Workshop Tribute to Ellis report Karen Scrivener (EPFL)
11:25	20	Internal Proposal, T_1-T_2Q : a new benchtop NMR tool to characterise cement solid hydrate phase assemblage Robert Shulte Holthausen (Univ. Surrey)
11:45	15	Cemgems app, Dmitrii Kulik (PSI)
12:00	5	Future events. Copenhagen (Henrik Soerensen)
12:05		***Lunch*** ***Consortium meeting ends after lunch***
Wednesday 23rd October 2019, afternoon		
Workshop "Reactive Transport"		
13:30	30	Workshop starts
17:45		End day 1 workshop
19:00		***Dinner***
Thursday 24th October 2019		
08:30		Start workshop day 2
12:00		End workshop
12:00		***Lunch***