



## PROGRAMME

### ECLIPS Workshop

### “Innovative and Sustainable Concrete Pavements”

23 March 2017, 9h30-16h00

EUPAVE Premises (Boulevard du Souverain, 68 1170 Brussels)

9:30	<b>Registration and welcome coffee</b>
10:00	<b>Opening speech – Introduction to Infraction and ECLIPS</b> William Bird, DG Research and Innovation, Project Officer Infraction Programme Peter Wilbers, INFRAVATION Programme Coordinator
10:15	<b>ECLIPS – A multinational collaboration on enhancing concrete durability in transportation infrastructure</b> Narayanan Neithalath, ASU, ECLIPS Project Coordinator
	<b>Synthesis of silica encapsulation of phase change materials for addition to concrete</b> Edurne Erkizia, TECNALIA from ECLIPS project
	<b>Measuring, modelling and characterizing the influences of phase change materials in concrete pavement applications</b> Gaurav Sant, UCLA from ECLIPS project
<b>11:20</b>	<b>Coffee break</b>
11:50	<b>Impact of PCM on thermal cracking sensitivity and deformability response</b> Andreas Leemann, EMPA from ECLIPS project
	<b>Influence of PCM on micromechanical properties of cement paste and risk of cracking in young concrete</b> Erik Schlangen, TU DELFT from ECLIPS project
<b>12:45</b>	<b>Lunch</b>
13:45	<b>Experiences with pervious concrete pavements, a performance-engineered concrete</b> Robert Bachmann, HEIDELBERGCEMENT AG
14:15	<b>CSA cement: a case of sustainable jointless paving</b> Sergio Tortelli, ITALCEMENTI - HEIDELBERGCEMENT GROUP
14:45	<b>Inductive charging through concrete roads - A Belgian case study and application</b> Prof. dr. Anne Beeldens, AB-Roads
15:15	<b>High performance concrete for durable transport infrastructure</b> Steven Schaerlaekens, HOLCIM BELGIUM
15:45	<b>Conclusions of the workshop</b> Narayanan Neithalath
16:00	<b>Closing of the workshop</b>