

Limestone
Calcined
Clay
Cement **LC³**

www.LC3.ch

LC³-Information Day

Hong Kong

5th August 2018

Hong Kong University of Science and Technology



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Agency for Development
and Cooperation SDC



香港科技大學
THE HONG KONG
UNIVERSITY OF SCIENCE
AND TECHNOLOGY

Objective:

To communicate the most recent results in the investigation of ternary cements made with a combination of Portland cement, calcined clays and limestone in the areas of cement hydration, microstructure development, physical properties and durability of concrete. Also to present the progress of the implementation of technologies for the manufacture of LC³-cement, and to introduce technology providers who have developed technologies for the manufacture of LC³-cement.

Program of the seminar:

- 10:00: Opening speech: Prof. Christopher Leung
- 10:10: Introduction to Limestone Calcined Clay Cement: Prof. Karen Scrivener
- 10:40: Performance of LC3 concrete: Prof. Shashank Bishnoi
- 11:10: Break
- 11:30: Techno-economic feasibility of LC3: Prof. Karen Scrivener
- 12:00: LC3 and environmental policies: Prof. Shashank Bishnoi
- 12:20 LUNCH
- 13:20: Country experiences and introduction to TRC in India and Cuba
 - a. Cuba / Latin America: Prof. Fernando Martirena
 - b. India: Dr. Soumen Maity
- 14:10 Development of Key Technology & Equipment for Low Carbon Cements: Prof. Sui Tongbo
- 14:30: Open Q & A
- 15:00: End

Registration online: www.LC3.ch

Agenda LC³-Information Day

Sunday, 05th August 2018

10:00 am to 3:00 pm

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Time	Agenda item
10:00	1. Opening speech <i>Prof. Christopher Leung / Hong Kong University of Science and Technology</i>
10:10	2. Introduction to Limestone Calcined Clay Cement LC ³ <i>Karen Scrivener / École Polytechnique Fédérale de Lausanne</i>
10:40	3. Performance of LC ³ -concrete <i>Shashank Bishnoi / Indian Institute of Technology Delhi</i>
11:10	Coffee break
11:30	4. Techno-Economic Feasibility Study <i>Karen Scrivener / École Polytechnique Fédérale de Lausanne</i>
12:00	5. LC ³ and environmental policies <i>Shashank Bishnoi / Indian Institute of Technology Delhi</i>
12:20	Lunch
13:20	6. Country experiences and introduction of Technical Resource Centres (TRCs), a. Cuba and Latin America, <i>Fernando Martirena / CIDEM</i> b. India, <i>Soumen Maity / TARA</i>
14:10	7. Development of Key Technology & Equipment for Low Carbon Cements <i>Sui Tongbo / Sinoma Research Institute</i>
14:30	8. Questions and open discussion
15:00	9. Closing speech <i>Karen Scrivener / École Polytechnique Fédérale de Lausanne</i>