

2nd International Conference on Calcined Clays for Sustainable Concrete



December 5th-7th, 2017
Meliá Cohiba Habana Hotel
Cuba

Limestone
Calcined
Clay
Cement



 Schweizerische Eidgenossenschaft
Confédération Suisse
Confederazione Svizzera
Confederaziun Svizra

Swiss Agency for Development
and Cooperation SDC



Introduction

The most promising route to improving the sustainability of Cement & Concrete is to blend Portland Cement Clinker with Supplementary Cementitious Materials (SCMs).

However, supplies of the most common SCMs, which are slag and fly ash are quite limited compared to the worldwide production of cement.

The first conference on Calcined Clays showed that calcined clays are the most promising source of additional SCMs which can make a substantial contribution to lowering further the environmental impact of Cement & Concrete.

This conference aims to follow up the scientific studies and experiences of the application of Calcined Clays in Cement and Concrete in mainstream construction projects.

Topics will include

- Influence of processing on reactivity of Calcined Clays
- Influence of Clay Mineralogy on reactivity
- Geology of clay deposits
- Portland - Calcined Clay systems
 - Hydration, Durability, Performance
- Portland – Calcined Clay – Limestone systems
 - Hydration, Durability, Performance
- Calcined Clay – Alkali systems
- Life cycle analysis, Economics and Environmental Impact of use of Calcined Clays in cement and concrete
- Field Applications

Registration and Important Dates

Abstracts ~~November 15th, 2016~~

LAST CHANCE : DECEMBER 30th, 2016

Notification January 15th, 2017

Final Paper June 15th, 2017

Conference December 5th-7th, 2017

Scientific Committee

| | |
|----------------------|---|
| Karen Scrivener | Laboratory of Construction Materials EPFL |
| Shashank Bishnoi | Indian Institute of Technology, Delhi, India |
| Anjan Chatterjee | Conmat Technologies PVT. LTD. |
| Jan Elsen | University of Leuven, Belgium |
| Duncan Herfort | Aalborg Cement Denmark |
| Juan J. Howland | CUJAE, Cuba |
| Edgardo F. Irassar | University Central Buenos Aires, Argentina |
| Maria Juenger | University of Texas at Austin, USA |
| Harald Justnes | Sintef, Norway |
| Horst-Michael Ludwig | University of Weimar, Germany |
| Soumen Maity | TARA, , Delhi, India |
| Fernando Martirena | Universidad central de las Villas, Cuba |
| John Provis | University of Sheffield, UK |
| Manu Santhanam | Indian Institute of Technology, Madras, India |
| Jorgen Skibsted | University Aarhus, Denmark |
| Zhonghe Shui | Wuhan University of Technology, China |
| Vanderley John | University of São Paulo, Brazil |

Venue

Hotel Melia Cohiba
Ave. Paseo entre 1ª y 3ª Vedado
La Habana

Cuba

<https://www1.melia.com/es/hoteles/cuba/la-habana/melia-cohiba/index.html>

Accommodation

Hotel Melia Cohiba
Ave. Paseo entre 1ª y 3ª Vedado
La Habana
Cuba

A list of nearby and city center hotels and rates are available upon registration and will be posted on the webpage indicated below.

Further Information and Registration

Applicants should register by July 15th, 2017
Further information will be provided in due time on www.lc3.ch/conference-2/

Dayran Rocha Francisco
Universidad central de las Villas CIDEM
Carretera Camajuani km 5
40382 Santa Clara
Cuba
+53 42 205872

clay2017@ecosur.org

lc3@epfl.ch