

First International Conference

Sustainable production and use of Cement and Concrete



Cayo Santa Maria, Villa Clara. Cuba

23-30, June 2019



Limestone
Calcined
Clay
Cement



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Introduction

As part of the II Scientific International Convention of Science, Technology and Society 2019 the **First International Conference of Sustainable Production and Use of Cement and Concrete** will take place. The conference goal is to present the most recent results of research and technological developments related with production and use of cement and concrete.

Topics

- Present tendencies in sustainable production of low carbon cements.
- Novelties in development of Supplementary Cementitious Materials. Calcined clays, natural pozzolans, fly ashes, blast furnace slags.
- New techniques of microstructural characterization of construction materials.
- Portland base and Alkaline activated cementitious systems.
- Development and use of additives and additions in the sustainable production of concretes.
- Sustainable production of high-performance concrete.
- Durable concretes produced with recycled aggregates.
- Development of mortars to historical patrimony restauration.
- From microstructure to concrete durability.
- Sustainability vs. useful service life in concrete for infrastructure works.
- Environmental and economic assessment of production and use of cement.

Registration and important dates

Send of abstracts	30 October 2018
Acceptance	31 December 2018
Send of full article	15 January 2019
Conference	23-30 June 2019

Scientific Committee

- 1. Fernando Martirena-Hernandez**, UCLV, Cuba (President)
- 2. Adrian Alujas-Diaz**, UCLV, Cuba (Secretary)
- 3. Sergio Betancourt**, UCLV, Cuba
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- 10. Guillaume Habert**, Federal Institute of Technology of Zürich, Switzerland
- 11. Stefan Linsel**, University of Applied Sciences, Germany
- 12. Bernhard Middendorf**, University of Kassel, Germany
- 13. Michael-Hoerst Ludwig**, University of Weimar, Germany
- 14. Mohsen Ben Haha**, Heidelberg Cement, Germany
- 15. Skibsted Jørgen**, Aarhus University, Denmark
- 16. Marta Palacios**, ICCET, Spain
- 17. José Maria Monzó**, Polytechnic university of Valencia, Spain
- 18. Ravindra Gettu**, IIT Madras, India
- 19. Manu Santhanam**, IIT Madras, India
- 20. Shashank Bishnoi**, IIT Delhi, India
- 21. Sui Tongbo**, Sinoma, China
- 22. Prof. Xin Cheng**, University of Jinan, China
- 23. Vandeley John**, University of Sao Paulo, Brazil
- 24. Ana Paula Kirschein**, Federal University of Rio Grande du Sul, Brasil.
- 25. Edgardo F. Irassar**, National University of the Center of Buenos Aires Province, Argentina
- 26. Arezki Tagnit-Hamou**, University of Sherbrook, Canadá
- 27. Iván Tobón**, National University of Colombia, Colombia
- 28. Elba Rosaura Vázquez**, UTEC, Peru
- 29. Kyle Riding**, University of Florida, USA
- 30. Prannoy Suraneni**, University of Miami, USA
- 31. Akindehinde Ayotunde Akindahunsi**, Obafemi Awolowo University, Nigeria

Place

Cayo Santa Maria, Las Villas

Register and information



Registration begins on January 2019.

For any information you can access to www.lc3.ch

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