



Limestone
Calcined
Clay
Cement



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

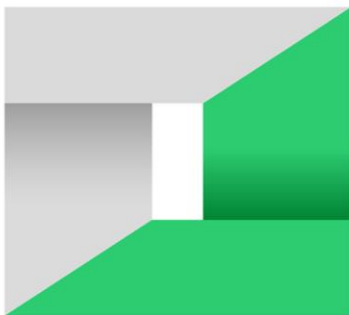


CIDEM

CENTRO DE INVESTIGACIÓN
Y DESARROLLO DE ESTRUCTURAS
Y MATERIALES



HOTEL
IBEROSTAR
ENSENACHO



INTERNATIONAL
CONFERENCE

**SUSTAINABLE PRODUCTION AND USE
OF CEMENT AND CONCRETE**

JUNE 23-30 2019 CAYO SANTA MARÍA

As part of the **II Scientific International Convention of Science, Technology and Society 2019** the **International Conference of Sustainable Production and use of Cement and Concrete** will take place from June 23 – 30, 2019 in Hotel Iberostar Ensenachos situated in Cayo Santa Maria, Villa Clara, Cuba. The conference goal is to present the most recent results of research and technological developments related with production and use of cement and concrete.

The Conference will develop simultaneously, **June 21-22, 2019**

Pre-event Courses

- **Course 1:** Calcined clays. Geological prospection of clay deposits, calcination of clays, reactivity of clays, formulation of cements with calcined clays. **Dr. Adrián Alujas**
- **Course 2:** Durability of cementitious materials: durability from the microstructure, assembly of phases, impact of the structure of pores, mechanisms of transport of ions, chloride entry, carbonation, corrosion. **Dr. Fernando Martirena**
- **Course 3:** Sustainability of the use of cement and concrete: international context of cement and concrete vs. development, Life Cycle Analysis in cement and concrete, eco-efficiency criteria, evaluation of project sustainability. **Dra. Sofía Sánchez**

This course payment will be made independently of the cost of the International Conference on the Production and Sustainable Use of Cement and Concrete.

REGISTRATION

Participante	Pago online hasta el 31 de abril	Pago online después del 31 de abril
Pre-Event Courses	30 CUC	
Delegate	400 EUR	450 EUR
Companion	100 EUR	150 EUR
Postgrad Student	200 EUR	250 EUR
Undergrad Student	100 EUR	150 EUR
Online participant	150 EUR	200 EUR
Cuban Delegate	250 CUC	300 CUC
Cuban Postgrad Student	100 CUC	150 CUC



Call for Abstracts

We are pleased to announce the **Second Call** for **Abstracts**.

Papers will be delivered through **oral and poster presentations**. Oral presentations will be scheduled in **15 minute** intervals. Dedicated poster sessions will be scheduled daily. This format creates strong exposure for posters and significant networking opportunities.

Authors will be asked to nominate their preference for either oral or poster presentation. Due to program constraints, not all presenters will be allocated their preference, but both presentation modes are equally valued and have distinct advantages.

Themes

- 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 restoration.
- 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.

Abstract Submission Requirements

On the first Call, all abstracts are due by **30 October 2018** and should be no more than 300 words in length.

Paper submissions require sending an abstract via email to the conference organizers. If an abstract is accepted, a full paper will be required. Abstracts and papers will be reviewed by **the International Scientific Committee**.

Would you like to present at the 2019 Conference?

Submit your abstract by **30 November 2018**

[Para subir su resumen haga clic aquí](#)

GENERAL PROGRAM of the INTERNATIONAL CONFERENCE

PRODUCTION AND SUSTAINABLE USE OF CEMENT AND CONCRETE

Friday 21.06.2019	Saturday 22.06.2019	Sunday 23.06.2019	Monday 24.06.2019	Tuesday 25.06.2019	Wednesday 26.06.2019	Thursday 27.06.2019	Friday 28.06.2019
Pre-event course			Conference Cement + Concrete				

Pre-Event courses

Friday 21. 06.2019			Saturday 22. 06.2019				
9:00	10:30	Conferences	9:00	10:30	Practical activity at Pilot Plant of CEQA	Practical activity at Laboratory of CIDEM	Practical activity at Aula Grossi, Faculty of Constructions
10:30	11:00	Coffee break	10:30	11:00	Coffee break		
11:00	12:40	Conferences	11:00	12:40	Practical activity at Pilot Plant of CEQA	Practical activity at Laboratory of CIDEM	Practical activity at Aula Grossi, Faculty of Constructions
12:40	14:00	Lunch	12:40	14:00	Lunch		
14:00	16:00	Conferences					
16:00	16:30	Coffee break					
16:30	18:00	Conferences	19:00	21:00	Joint Dinner-Conclusions of the course		

GENERAL PROGRAM

Monday 24.06.2019			Tuesday 25.06.2019			Wednesday 26.06.2019			Thursday 27.06.2019			Friday 28.06.2019			
08:00	11:00	Registration of participants in UCLV	09:00	09:30	Inauguration. Keynote Conference. Prof. Dr. Fernando Martirena	09:00	09:30	Keynote Conference	09:00	16:30	Symposium for Long Term Marine Observation	09:00	11:30	Closure of the Convention. Call to 2021 Conference	
			09:30	10:30	Session 1: Cement	09:30	10:30	Session 3: Impacts.							
12:30	13:30	Opening Gala of the Second International Conference UCLV	10:30	11:00	Coffee Break	10:30	11:00	Coffee Break							
13:30	15:00	Lunch	11:00	12:40	Session 1: Cement	11:00	12:40	Session 3: Impacts				11:45	13:30	Check out of hotel	
15:00	15:45	Visit to historical centers in Santa Clara-Che Square	12:40	15:00	Lunch	12:40	15:00	Lunch				13:30	15:00	Lunch	
16:00	18:00	Departure to Cayería Norte	15:00	16:00	Session 2: Concrete. Keynote Conference.	15:00	16:00	Session 4: Useful life. Keynote Conference				15:00			Departure of participants to Havana
18:00	22:00	Hotel Reception	16:00	16:30	Coffee Break	16:00	16:30	Coffee Break							
22:00		Welcome Cocktail	16:30	17:30	Session 2: Concrete	16:30	17:30	Session 4: Useful life				15:00			Departure of participants to Santa Clara.
			19:00		Groupal dinner with participants	17:30	18:00	Conference Closure							
						20:00	21:00	Salsa lessons							

Registration and important dates

Send of abstracts	30 November 2018
Acceptance	31 December 2018
Send of full article	15 January 2019
Courses Pre-event	21-22 June 2019
Conference	23-30 June 2019

Scientific Committee

1. **Fernando Martirena-Hernandez**, UCLV, Cuba (Presidente)
2. **Adrian Alujas-Diaz**, UCLV, Cuba (Secretario)
3. **Sergio Betancourt**, UCLV, Cuba
4. **Alina Hereira**, UCLV, Cuba
5. **Taimi Castaño**, Universidad de Oriente, Cuba
6. **Roger Almenares**, ISMM, Cuba
7. **Yosvany Díaz**, UCLV, Cuba
8. **Abel Castañeda**, CNIC, Cuba
9. **Karen Scrivener**, EPFL, Switzerland
10. **Guillaume Habert**, Instituto Federal de Tecnología de Zúrich, Suiza
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, España
17. **José Maria Monzó**, Univ. Politécnica de Valencia, España
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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. **Vandelely John**, Universidad de Sao Paulo, Brazil
24. **Ana Paula Kirschein**, Universidad Federal de Rio Grande do Sul, Brasil.
25. **Edgardo F. Irassar**, Universidad Nacional del Centro de la Provincia de BsAs, Argentina
26. **Arezki Tagnit-Hamou**, University of Sherbrook, Canadá
27. **Iván Tobón**, Universidad Nacional de Colombia, Colombia
28. **Elba Rosaura Vázquez**, UTEC, Perú
29. **Kyle Riding**, University of Florida, USA
30. **Prannoy Suraneni**, University of Miami, USA
31. **Akindehinde Ayotunde Akindahunsi**, Obafemi Awolowo University, Nigeria

Contact of the **International Conference of Sustainable Production and use of Cement and Concrete Organization Committee**

Meylin Amador Hernández
meylina@uclv.cu