

## WORKSHOP

### MADRID, SPAIN

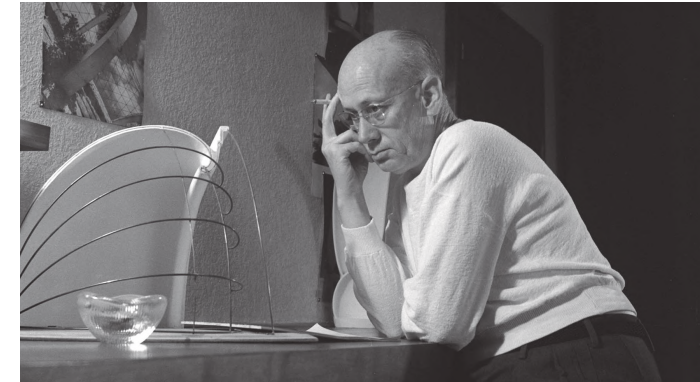
October 23 & 24

Eduardo Torroja Institute



**Innova**tive Materials and Techniques for the Conservation  
of the 20 th Century **Concrete**-based Cultural Heritage

## 1<sup>st</sup> InnovaConcrete Workshop: The work of Eduardo Torroja and the Modern Architecture



### ORGANIZATION

#### Eduardo Torroja Institute Workshop Coordination

María Teresa Blanco  
Elena Frías  
Juan Queipo de Llano  
Inés García Lodeiro  
Paula Carmona  
Alicia Pachón

**UCA.** María J. Mosquera. **Project Coordination**

**ICOMOS.** Gunny Harboe. **Awareness Committee**

**beWarrant SL.** Isella Vicini. **Dissemination Manager**

#### Contact

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**Registration:** [www.innovaconcrete.eu/innovaconcrete-madrid-workshop/](http://www.innovaconcrete.eu/innovaconcrete-madrid-workshop/)



## PARTICIPANTS



[www.innovaconcrete.eu](http://www.innovaconcrete.eu)



This project has received funding from the European Union's Horizon 2020 Research and Innovation Programme under Grant Agreement N° 760858



**Tuesday, October 23, 2018**

9,15 **1. Welcome - The InnovaConcrete Research Project**

- InnovaConcrete Workshop and Introduction Presentation*  
María Jesús Mosquera, InnovaConcrete Coordinator (UCA)

9,30 **2. Welcome – Cultural Heritage in Europe Scenario**

- The European Year of Cultural Heritage 2018. Cultural Heritage in Horizon2020 programme*  
Lucía Íñigo, Spanish Delegate NMBP Programme Committee in Horizon2020 programme

10,00 **3. Keynote - Magisterial Conference**

- The Origin of Modern Architecture in Spain: Standardization and Industrialization in Social Housing*  
Carlos Sambricio, Historian - Professor UPM

11,00 **Coffee break**

11,30 **4. Concrete heritage: Approaches, Pathologies, Conservation Techniques & Products**

- Conservation Approaches: Challenges and Principles for Concrete Heritage Conservation and Interventions*  
Gunny Harboe (ICOMOS)
- Concrete Pathology: Characteristics and Properties of Concrete Heritage*  
Paul Gaudette, Wiss, Janney, (Elstner Associates Inc.)
- Concrete Repair Manufacturer and Industry: Products and Repair Systems*  
Ramiro García (SIKA)

13,30 **Lunch**

15,00 **5. InnovaConcrete Project: Scientific Targets and Preliminary Results**

- Materials for Preserving Historic Concrete: Impregnation Techniques vs. Coatings*  
Noni Maravelaki (TUC)
- Restoring Heritage Concrete by Producing Gel C-S-H: Modelling Approaches*  
Jorge S. Dolado (CFM-CSIC/UPV/EHU)
- Techniques and Tools to Study the Treatment-Concrete Interaction*  
Inés García Lodeiro (IETcc-CSIC)
- InnovaConcrete Case Studies: Choice, Sampling and In Situ Validation*  
José A. Caro (INES)

16,40 **6. InnovaConcrete Project: Social Targets and Preliminary Results**

- EU 20 and 100 of Noteworthy 20<sup>th</sup> Century Concrete Heritage*  
Susana Landrove (DOCOMOMO)
- ICOMOS ISC20C Heritage Benchmark Document: Approaches in Conservation for Concrete Heritage*  
Kyle Normandin (ICOMOS ISC20C)

17,30 **Coffee break**

18,00 **7. Summary and Concluding Remarks**

- María Jesús Mosquera, InnovaConcrete Coordinator & Gunny Harboe, Chair of Awareness Committee*

Wednesday, October 24, 2018

9,15 **8. Eduardo Torroja and his Work**

- *Meaning and Heritage Value of the Eduardo Torroja's Work*  
María Josefa Cassinello (UPM)

10,10 **Coffee break**

10,40 **9. InnovaConcrete on Site: Instituto Eduardo Torroja**

- *Eduardo Torroja Institute. Case Study*  
Elena Frías / Juan Queipo de Llano (IETcc-CSIC)
- *Analysis of Social-Economic Value of Heritage Concrete: Results from Torroja Case Studies*  
Adolfo Chica (UCA)
- *Presentation of User-Friendly Web Interface containing Reconstructed in 3D Case Studies: Torroja Buildings*  
Fabio Cerioni (TECHEDGE)

12,00 **10. Technical Visit to Eduardo Torroja Institute**  
Juan Queipo de Llano / Elena Frías (IETcc-CSIC)

13.00 **Shuttle Bus from IETcc to Zarzuela Racecourse**

13,30 Lunch

15,00 **11. The Hippodrome Value**

- *The restoration of the Zarzuela Racecourse*  
Jerónimo Junquera, Architect restorer of the monument (UPM)

16,00 **12. Technical Visit to Zarzuela Racecourse**  
Jerónimo Junquera (UPM)



17,45 Coffee Break, Torroja Museum Visit

19,30 **Shuttle bus from Zarzuela Racecourse to IETcc**

## WORKSHOP

## 1<sup>st</sup> InnovaConcrete Workshop:

## The work of Eduardo Torroja and the Modern Architecture

**Dates:** October 23 and 24, 2018

**Objectives:** (i) To disseminate the **targets, challenges** and **first results** of InnovaConcrete project.

(ii) To disseminate the knowledge of concrete heritage conservation of the **20<sup>th</sup> Century** with special emphasis in The **Modern Architecture**.

(iii) To promote citizen awareness around concrete heritage and especially around the work of **Eduardo Torroja** as an example of the Spanish Modern Architecture.

**Attendees, Stakeholders and Interested Persons:**

Conservation Professionals, Professional Councils, Students of Universities, Specialty Craftsman and Restorers in Concrete Heritage, Public Administrations, Researchers working in Cultural Heritage conservation, Conservation products manufacturers.

**Contact:** [ic@ietcc.csic.es](mailto:ic@ietcc.csic.es)

**Registration:** [www.innovaconcrete.eu/innovaconcrete-madrid-workshop/](http://www.innovaconcrete.eu/innovaconcrete-madrid-workshop/)

**Venue:** Instituto de Ciencias de la Construcción Eduardo Torroja - CSIC

C/ Serrano Galvache, 4. Madrid  
Tel: +34 91 302 04 40



## - PRACTICAL DEMONSTRATIONS

A stand with practical demonstrations of **products and techniques developed in InnovaConcrete** (materials and plasma atmospheric device) will be available during the complete session.

A stand showing information about the other **case studies** (including sampling videos, information about concrete from monuments..) will be also available.

