

WORKSHOP

MADRID, SPAIN

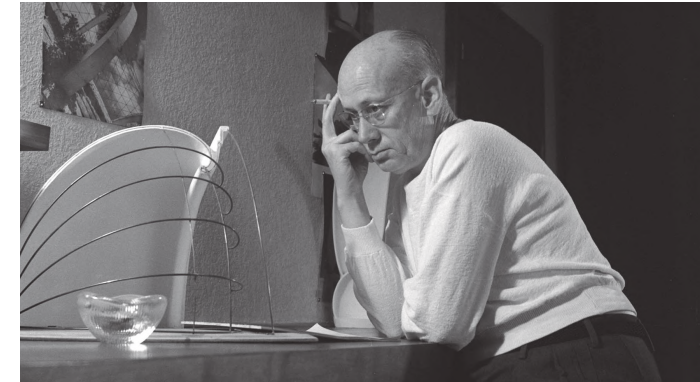
October 23 & 24

Eduardo Torroja Institute



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

1st 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/



PARTICIPANTS



www.innovaconcrete.eu



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AGENDA

Tuesday, October 23, 2018

8,45 Credentials and documentation

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
Antonio Tebar (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 20th Century Concrete Heritage
Susana Landrove (DOCOMOMO)
- ICOMOS ISC20C Heritage Benchmark Document: Approaches in Conservation for Concrete Heritage
Stefanía Landi (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
Iván Cabezas (TECHEDGE)

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



13,00 Lunch

14,30 11. The Hippodrome Value

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

15,30 Workshop closure and shuttle Bus from IETcc to Zarzuela Racecourse

16,30 12. Technical Visit to Zarzuela Racecourse Jerónimo Junquera (UPM)



17,30 Torroja Museum Visit

19,30 Shuttle bus from Zarzuela Racecourse to IETcc

WORKSHOP

1st 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 **20th 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

Registration: 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.

