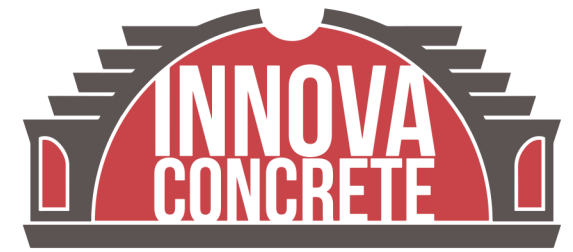


WORKSHOP

MADRID, SPAIN

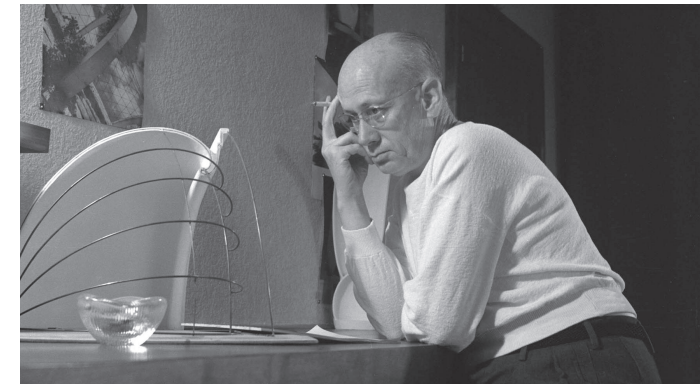
October 23 & 24

Eduardo Torroja Institute



Innovative Materials and Techniques for the Conservation of the 20th 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

e-mail: ic@ietcc.csic.es

Registration: www.innovaconcrete.eu/innovaconcrete-madrid-workshop/



PARTICIPANTS



www.innovaconcrete.eu



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



AGENDA

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 Iñigo, 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 20th 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

1st InnovaConcrete Workshop: The work of Eduardo Torroja and the Modern Architecture

Dates: October 23 and 24, 2018

- Objetives:**
- (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.

