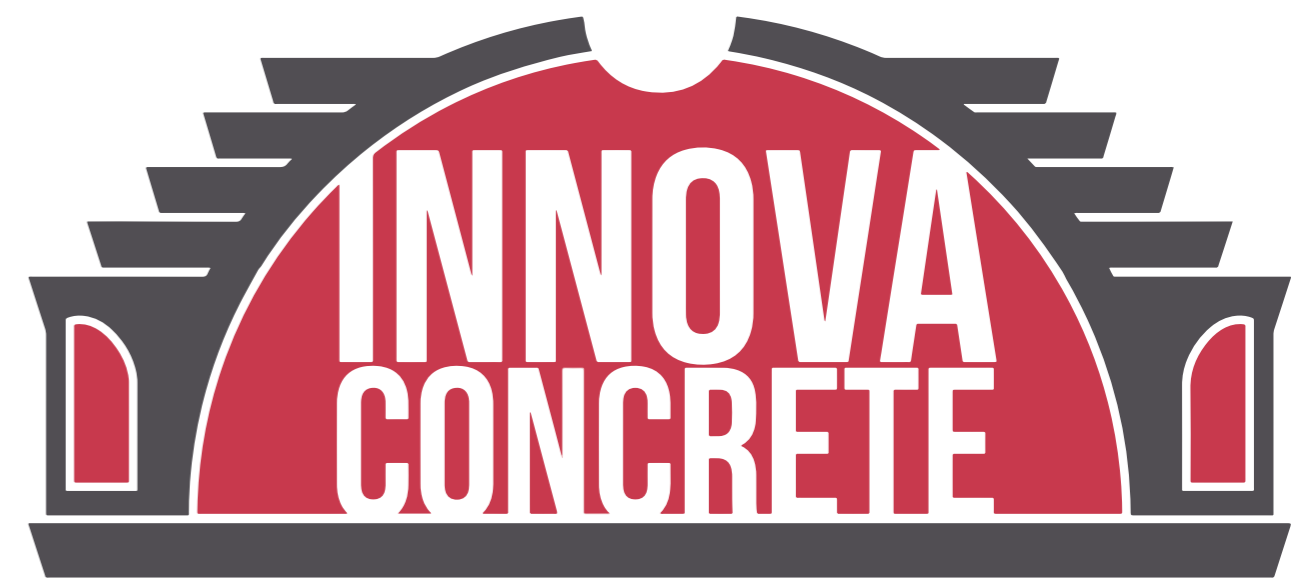


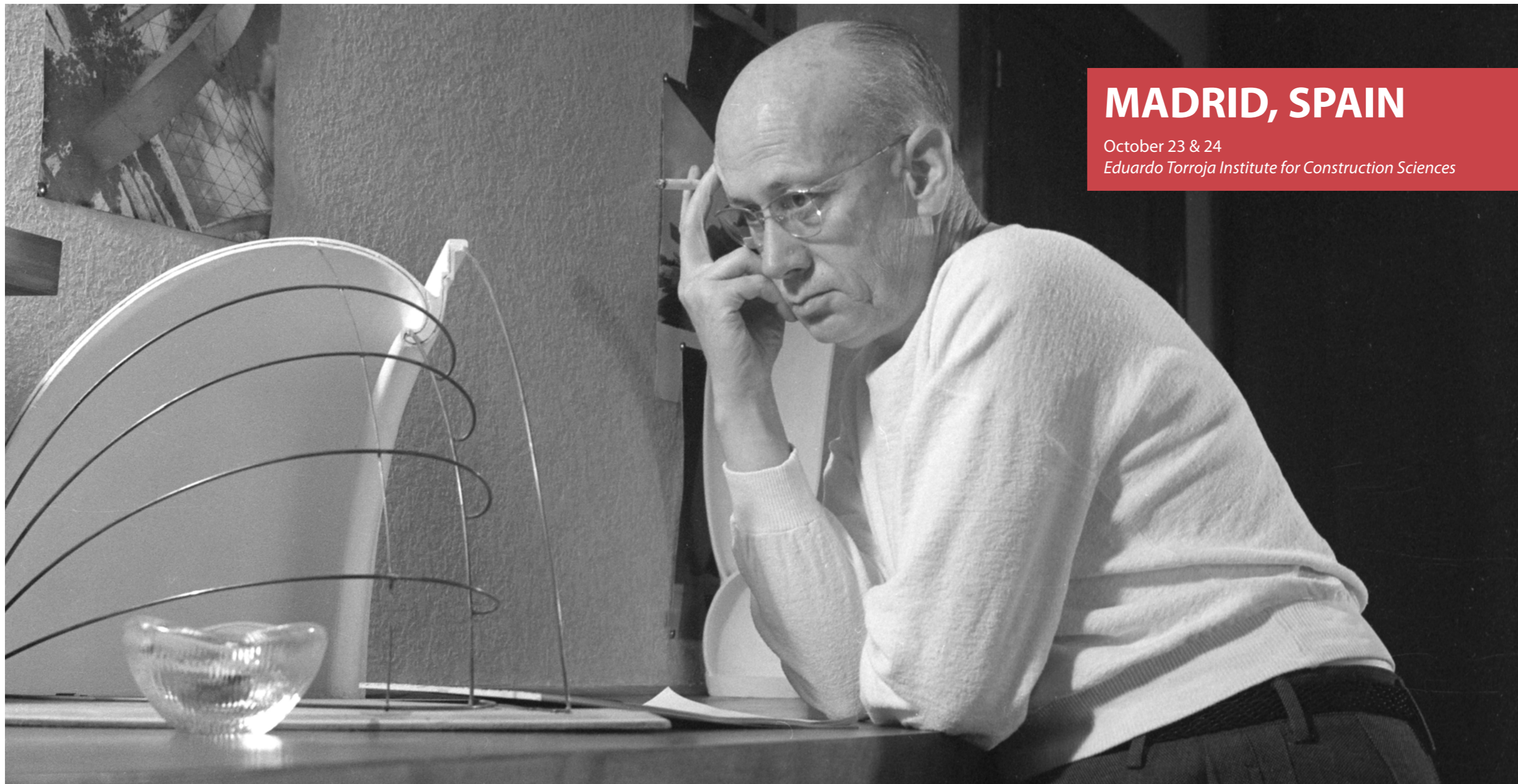
1st InnovaConcrete Workshop:

The work of Eduardo Torroja and the Modern Architecture



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

WORKSHOP



MADRID, SPAIN
October 23 & 24
Eduardo Torroja Institute for Construction Sciences

AGENDA

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.

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 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
 - 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 CSH: 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
 - Stefania Landi (ICOMOS ISC20C)
- 17,30 Coffee break
- 18,00 7. Summary and Concluding Remarks
- María J 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
 - Mª 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

Practical Demonstrations

A stand with practical demonstrations of products and techniques developed in InnovaConcrete (materials and plasma atmospheric device, etc.) 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.

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**

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Registration: <http://www.innovaconcrete.eu/innovaconcrete-madrid-workshop/>

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PARTICIPANTS

