InnovaConcrete ROME Workshop
The Concrete Architecture in the Mediterranean Areas and the work of Pier Luigi Nervi

ROME, ITALY
February 21 & 22
Consiglio Nazionale delle Ricerche – CNR
Piazzale Aldo Moro 7, 00185 Roma (Italy)
AULA CONVEGNI

UNDER THE PATRONAGE OF

ORGANIZERS
INNOVA Concrete ROME workshop Agenda

New technologies applied to concrete restoration

Day 1 - Thursday, February 21, 2019

8:30 – 8:45 | Registrations

8:45 – 9:00 | Welcome – The InnovaConcrete Research Project
Maria Jesús Mosquera, InnovaConcrete Coordinator (University of Cádiz)

9:00 – 9:15 | Welcome – Italian Ministry of Cultural Heritage and Activities
On. Gianluca Vacca, Undersecretary of State for the Ministry of Cultural Heritage and Activities

9:15 – 9:20 | Welcome - Center of Excellence of the Technological District for new technologies for cultural assets and activities of the Lazio Region (DTC Lazio)
Roberto Natalini, CNR Representative at DTC Lazio

9:15- 9:30 | Welcome – Order of Architects of Rome
Maria Giuseppina Gimma, (Order of Architects of Rome).

9:30 – 09:45 | Cultural Heritage in European Scenario
Serena Borgna, Italian National Contact Point NMBP in Horizon 2020 programme

09:45 – 10:45 | Nanomaterials for Cultural Heritage
Piero Baglioni, CSGI

10:45 – 11:15 | Coffee break

11:15 – 13:15 | InnovaConcrete materials: target and results
Maria Jesús Mosquera, InnovaConcrete Coordinator (University of Cádiz)
Every scientific partner will present the results obtained during the first year of the project.

11:15 – 11:30 | “Surfactant assisted-based impregnation Treatments”, University of Cádiz
11:30 – 11:45 | “Consolidants with high affinity for carbonate species”, Technical University of Crete
11:45 – 12:00 | “Transformation of cement to a self-healing hybrid binder: calcium carbonate and polyphosphate”, Johannes Gutenberg-Universität Mainz
12:00 – 12:15 | “Smart nanostructured materials for corrosion inhibition”, Consiglio Nazionale delle Ricerche
12:15 – 12:30 | “Cementitious coatings based on Halloysite nanotubes”, Consorzio Interuniversitario CSGI
12:30 – 12:45 | “An atmospheric plasma device for in situ treatments” Vacuum and Plasma Tech SR
12:45 – 13:00 | “The use of modelling approaches to restore historic concrete”, Technische Universität Darmstadt
13:00 – 13:15 | “Study of degradation in concrete monuments”, CSIC-Instituto de Ciencias de la Construcción Eduardo Torroja

13:15 – 13:30 | Summary and concluding remarks

13:30 – 14:30 | Lunch

14:30 – 15:30 | Open questions and round table on the InnovaConcrete materials

15:30 – 16:30 | Round table and interactive discussion in monuments: targets and results

• Short presentation of the monuments case study and results reached so far: 1) Centennial Hall (Wrocław), 2) Eligo del Horizonte (Gijón), 3) Eduardo Torroja Institute and Zarzuela Racehorse (Madrid), 4) Warsaw Train Station (Warsaw), 5) Monumenti ai caduti di Torricella Peligna (Chieti), 6) Kaunas Ninth Fort Monument (Kaunas), Stadio Flaminio (Roma).

• The restoration of monuments: an introduction
Maria Giuseppina Gimma, Specialist in Restoration of Monuments (Order of Architects of Rome for restoration, cultural heritage and conservation).

16:30 – 16:40 | Summary and Concluding Remarks
INNOVACONCRETE ROME workshop Agenda

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Day 2 - FRIDAY, FEBRUARY 22, 2019

08:45 – 09:00 | Welcome

09:00 – 10:00 | Overview on concrete Cultural Heritage in the Mediterranean area
Fulvio Irace (Politecnico di Milano)

10:00 – 10:30 | Historical and Philosophical intervention
Gunny Harboe (ICOMOS – Chair of the InnovaConcrete Awareness Committee)

10:30 – 11:00 | Coffee break

11:00 – 12:00 | InnovaConcrete social targets: preliminary results
• InnovaConcrete monuments: the 20 of the 20th
  Fernando Espinosa de los Monteros (DOCOMOMO)
• Conservation approaches developed in InnovaConcrete
  Kyle Normandin (ICOMOS)
• Virtual reality of concrete memorial tower in Torricella Peligna (Chieti)
  Fabio Cerioni (TECHEDGE)
• InnovaConcrete exploitation out of the boundaries of the research project
  Ramiro Garcia (SIKA)

12:00 – 13:15 | Concrete Heritage: a focus on PierLuigi Nervi monuments’
• Pier Luigi Nervi, Art and Science of Building in Concrete
  Cristiana Chiorino, (Pier Luigi Nervi Project Association)
• Conservation plan of the Flaminio Stadium: structural aspects
  Francesco Romeo (Sapienza Università di Roma)
• InnovaConcrete results on the Flaminio Stadium
  Gabriella Di Carlo (CNR)
• Round table/discussion

13:15 – 13:30 | Summary and concluding remarks
Isella Vicini (beWarrant, InnovaConcrete Communication Manager) and Gabriella Di Carlo (Consiglio Nazionale delle Ricerche – CNR)

13:30 – 14:30 | Light Lunch

14:30 – 15:00 | Closing event: demonstrative stands and videos
  • #innovaconcreteinrome Instagram Contest: awards ceremony