DCI 2023

Digital Construction & Innovation Days

21-24 MARCH
ROME

SAPIENZA
UNIVERSITÀ DI ROMA

Construction Digital Twin & Artificial Intelligence
Master di II livello

UNIVERSITÀ POLITECNICA DELLE MARCHE

NEXT CITY Lab
DIGITAL BUILT ENVIRONMENT

Digital Construction & Innovation Days

ROME, 21-24 MARCH 2023

24 MARCH 2023

CASTELPORZIANO PRESIDENTIAL ESTATE ROME, ITALY

DCI Days is an international event organised by Sapienza University of Rome and the Presidency of the Italian Republic. The programme is aimed at creating a dialog between leaders that are driving strong innovation around the green and digital transition in the AECO sector by linking stakeholders, industry and academia throughout two different special sessions.

SESSION I | DIGITAL AND ENERGY TRANSITION: TRANSFORMING THE ITALIAN PRESIDENTIAL BUILDING STOCK

LA TRANSIZIONE ENERGETICA E DIGITALE NELLA GESTIONE DEL PATRIMONIO EDILIZIO IN USO ALLA PRESIDENZA DELLA REPUBBLICA

Keynote speakers from the Presidency of the Italian Republic, Sapienza University of Rome and other Italian public organizations will analyse best practices as well as the steps needed to embrace new digital scenarios towards improved efficiency, productivity and sustainability in building management processes.

SESSION II | CONSTRUCTION DIGITAL TWIN SUMMIT

(Organised by Sapienza University of Rome and the Polytechnic University of Marche, Ancona)

The CDT Summit is an international meeting place where keynote speakers will give their view around Digital Twins for the built environment, providing wide and dynamic knowledge on emerging technologies and navigating the impact on the creation of an innovative, disruptive and more sustainable built environment.

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Programme

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10.00 am Welcome coffee

Institutional greetings / Saluti istituzionali

10.30 am **Giulia Bonella /** General Secretariat, Presidency of the Republic of Italy
10.40 am **Spartaco Paris /** Sapienza University of Rome

10.50 am **Antonino Rigano /** General Secretariat, Presidency of the Republic of Italy
11.10 am **Fabrizio Cumo /** Sapienza University of Rome
11.30am **Massimo Babudri /** Agenzia del Demanio, Italian Public Property Agency
11.50 am **Sofia Agostinelli /** Sapienza University of Rome

12.10 am **Remarks and conclusions** / *Conclusioni e chiusura dei lavori*
Alfredo Guarra / General Secretariat, Presidency of the Republic of Italy

01.00 pm *Light lunch*

SESSION II | CONSTRUCTION DIGITAL TWIN SUMMIT

12.00 am Registration / Registrazione

12.30 am **Guided tour /** Castelporziano Museum

01.00 pm *Light lunch*

02.30 pm **Berardo Naticchia /** Italian Society of Science, Technology and Engineering of Architecture ISTeA

Keynotes

Michael Grieves / Executive Director, Chief Scientist Digital Twin Institute
Ioannis Brilakis / Laing O'Rourke Professor of Civil and Information Engineering, Department of Engineering, University of Cambridge
Borja Garcia de Soto / Director of the S.M.A.R.T. Construction Research Group, New York University Abu Dhabi (NYUAD)

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04.00 pm *Coffee break*

04.15 pm **Roundtable**

Moderator
Federico Cinquepalmi / Sapienza University of Rome

Michael Grieves / Executive Director, Chief Scientist Digital Twin Institute
Sofia Agostinelli / Sapienza University of Rome
Ioannis Brilakis / Laing O'Rourke Professor of Civil and Information Engineering, Department of Engineering, University of Cambridge
Alessandra Corneli / Polytechnic University of Marche, Ancona
Borja Garcia de Soto / New York University Abu Dhabi (NYUAD), Director of the S.M.A.R.T. Construction Research Group
Blanca Tejedor Herràn / Universitat Politècnica de Catalunya (UPC), Department of Project and Construction Engineering

05.30 pm Remarks and conclusions

ORGANISING COMMITTEE

SESSION I

Sofia Agostinelli / Sapienza Univeristy of Rome
Giulia Bonella / General Secretariat, Presidency of the Republic of Italy
Fabrizio Cumo / Sapienza University of Rome
Antonino Rigano / General Secretariat, Presidency of the Republic of Italy

SESSION II

Sofia Agostinelli / Sapienza Univeristy of Rome
Alessandro Carbonari / Polytechnic University of Marche, Ancona
Fabrizio Cumo / Sapienza University of Rome
Alberto Giretti / Polytechnic University of Marche, Ancona

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