



UNIVERSITÀ  
DEGLI STUDI  
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**DIDA**  
DIPARTIMENTO DI  
ARCHITETTURA



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Ministero  
dell'Università  
e della Ricerca

**DESCOR**  
**INFOCAD**  
your digital twin

DISSEMINATION SEMINAR

# BIM-to-Digital Twin

## Digital Information Management for Building Life Cycle

12th May 2025

Department of Architecture (DIDA), University of Florence  
Santa Teresa, Via della Mattonaia 8, Room 402

9.00

Welcome Coffee

9.30

**Seminar presentation**

Introduction:

Prof. Carlo Biagini  
University of Florence

Prof. Susanna Caccia  
Head of Department of Architecture  
University of Florence

Prof. Stefano Bertocci  
University of Florence

9.45

**I Session**

Chair: Prof. Sandro Parrinello  
University of Florence

Keynote:

Prof. Markus König  
Chair of Computing in Engineering  
Ruhr University Bochum

Keynote:

Prof. Farzard Rahimian  
Chair of Digital Engineering and Manufacturing  
Teesside University

11.15

Coffee Break

11.30

**II Session**

Chair: Prof. Pietro Capone  
University of Florence

Conversion of text-based regulatory  
documents into a semantic knowledge base

Sven Zentgraf  
Ruhr University Bochum

Recognition of process patterns for BIM-based  
construction schedules

Katharina Sigalov  
Ruhr University Bochum

Reconstructing digital bridge models from  
drawings using artificial intelligence

Benedikt Faltin  
Ruhr University Bochum

12.15

**III Session**

Chair: Prof. Luca Marzi  
University of Florence

From BIM to DT. Data integration in life cycle  
information management of existing asset

Andrea Bongini  
University of Florence

A semantic digital twin for occupant-centric  
Workplace Management

Alessandro Bruttini  
University of Florence

Definition of cost ontology for a digital pricing  
platform

Jacopo Cassandro  
Polytechnic of Milan

13.00

Light Lunch

14.30

**IV Session**

Chair: Prof. Carlo Biagini  
University of Florence

Digital Information for Facility Management  
using Building Information Modelling

Marco Desideri  
Descor s.r.l. - Roma

Luca Talucci  
Descor s.r.l. - Roma

Valerio D'Andraia  
University of Florence

15.15

**Discussion and conclusions**

Seminar committee:

Prof. Carlo Biagini, Prof. Pietro Capone,  
Prof. Luca Marzi, Ing. Andrea Bongini,  
Ing. Alessandro Bruttini, Arch. Valerio D'Andraia

Participation is open to all interested students and  
researchers, subject to availability.

To join please fill out the form at the following link:  
<https://forms.gle/AptMfivJpxq7vpeo7>

Information:

[liabim.dida.unifi@gmail.com](mailto:liabim.dida.unifi@gmail.com)  
<https://www.bim2dt.info>

