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Ministero
dell'Università
e della Ricerca

DESCOR
INFOCAD
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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
<https://www.bim2dt.info>

