

A walk through
the research
paths of the
Department of
Architecture
of Florence

DIDA RESEARCH WEEK BOOK 2018



UNIVERSITÀ
DEGLI STUDI
FIRENZE

DIDA
DIPARTIMENTO DI
ARCHITETTURA

graphic design

didacommunicationlab

Dipartimento di Architettura
Università degli Studi di Firenze

Susanna Cerri
Stefania Aimar
Federica Giulivo
Simone Spellucci



didapress


Dipartimento di Architettura
Università degli Studi di Firenze
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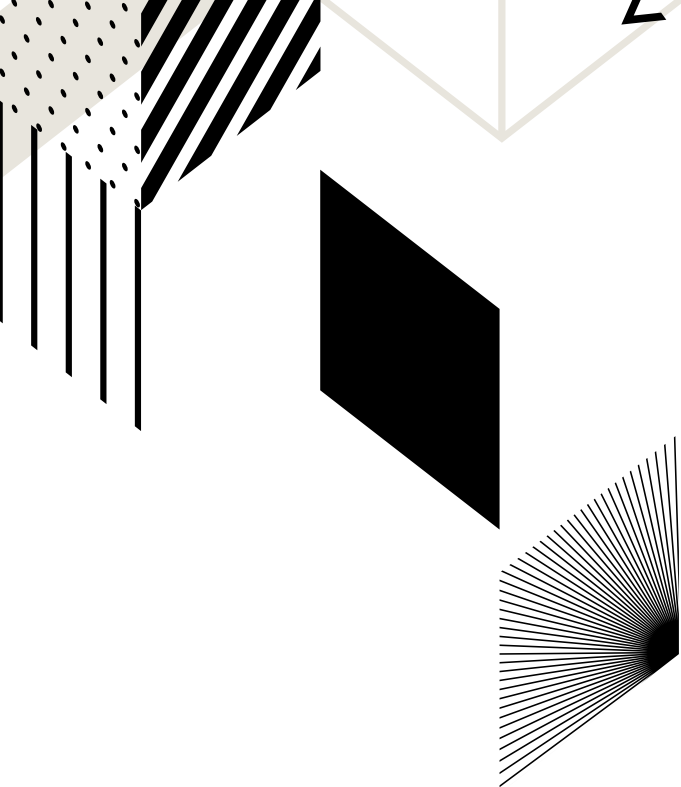


In February 2018, the Department of Architecture of the University of Florence (DIDA) promoted an open and public analysis and evaluation of the research carried out by the Department during its first five years of existence in order to define its strategy, the relationship with third and second cycle education, the role of experimental research and the DIDA-LABS laboratory system, as well as of research units and inter-university research centers.

The objective of the DIDA Research Week, through the documentation, communication and evaluation of the activities carried out by the Department in national and international research projects or in individual or exploratory projects, is an analysis and an in-depth reflection on the research activities at all levels carried out during the first five years of the Department: a wide and transparent reflection which communicates what the research carried out by DIDA is in all its different forms, calling the most qualified colleagues in Florence, Italy and abroad to discuss and to evaluate it and to contribute to the identification of future goals, strategies and actions.

The transparency strategy in scientific communication developed by the Department plays a central role not only concerning the dissemination of knowledge but above all for the effective evaluation by the entire scientific community, certainly more effective than the current assessment procedures. The increasingly international dimension of research and education requires the maximum possible transparency and accessibility of research results.

The Department's commitment to supporting scientific journals, the DIDAPress publishing, the Communication Laboratory and the first DIDA Research Week itself aims to meet this need.



**DIDA RESEARCH WEEK 5 YEARS OF RESEARCH BY THE DEPARTMENT DIDA 2013-2017:
AN ASSESSMENT FOR THE FUTURE PROGRAM.**

19-23 February 2017

Santa Teresa, via della Mattonaia 8, 50121 Florence

Monday 19 February

Disciplinary research

Interdisciplinary and multidisciplinary research

Tuesday, February 20

Competitive research, horizon 2020, industrial research, design research,
research for the third mission

Research communication, magazines and scientific publishing

Wednesday 21 February

The Ph.D. Course in Architecture

Thursday 22 February

Research, training and profession. DIDALABS, Research Units and Research Centers

Applied research experiences

Round table: Research, training, profession: DIDA Open perspectives

Friday 23 February

Research, training and profession in the design area:
scenarios and strategies for the design and project area

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ABITA	
TESIS	

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A&P - Architecture & Project cluster	99

Architecture and Auto-construction | LAA

Prato Laboratory | Laboratorioprato

Technologies for the Mediterranean Area Laboratory | TAM Lab

Theatre | Architecture Laboratory | TEARC Lab

Urban Design Laboratory | UD

AHCV - Architectural Heritage Conservation and Valorisation cluster	113
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Architectural Heritage Restoration and Conservation | LARC

Architectural Survey Laboratory | LRA architecturalsurveylab

Cultural Heritage Management Laboratory | CHM_Lab

Heritage City Laboratory | Heritage City_Lab

Materials and Structures Testing Laboratory | LPMS

DSI - Design and Sustainable Innovation cluster	143
Communication Laboratory didacommunicationlab	
Design for Kids	
Italian Design for the train DIT lab	
Ergonomics & Design Laboratory LED	
Modelling Laboratory for Design LMD lab	
Multimedia Architecture Interaction Laboratory mailab	
Reverse Engineering Interaction design Rei Lab	
Sustainable Design Laboratory sustainabilitylab	
ICT - Information Communication Technologies cluster	189
Informatic Laboratory of Architecture informaticlab - LiA	
Cartography Laboratory LCart	
Photography Laboratory LfA	
Architectural Model Laboratory LMA	
Architecture Video Laboratory VI.D.A. lab	
TEL - Territories, Ecosystems and Landscapes cluster	205
Critical Planning & Design	
Laboratory of Sociological Research on Design, Architecture and Planning LabSo	
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Laboratory of Ecological Design of Settlements LaPEI	
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Design	
History of Architecture and the City	
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Cities and Regions Across Local Boundaries A.VAST Area Vasta	
COmmunities REsilience CORE	
Documentation and Management of Small Historical Settlements DM_SHS	
Exploring Landscape Architecture ELA eu.med.	
Florence Accessibility Lab FAL	
Heritage and Euro-Mediterranean Design Dar_Med	
International Group on Urban and Architecture Design INTEGRO_UAD	
Landscape, Cultural Heritage. Project PPcP	
Local and Indigenous Knowledge Systems and Innovation INN-LINK-S	
Projects on Environment, Cities and Territories in the South PROJECTS	
Urban Bioregion Project PROBIUR	
Sustainable Urban Projects & Research SUP&R	
Technology for the Project TxP_R	

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Firenze Architettura	
Contesti	
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Cultural Heritage Management Laboratory

CHM_Lab

documentation | development management

Scientific Coordinator
Alessandro Merlo

Address
Santa Verdiana
room L3
piazza Lorenzo Ghiberti, 27
Firenze

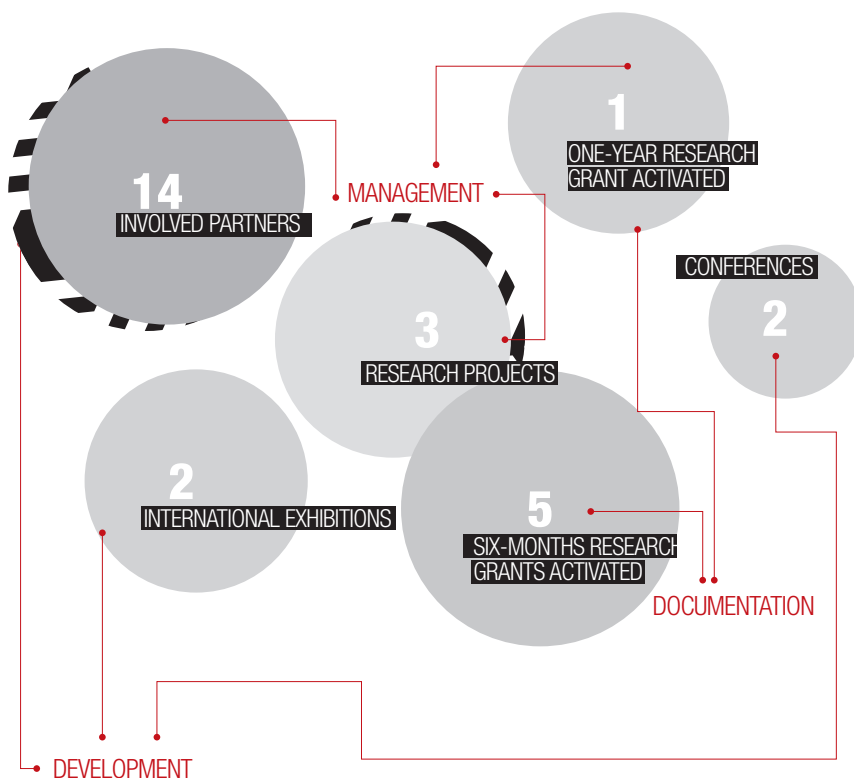
Established in
March 1, 2017

Research Group
UNIFI | DIDA
Andrea Aliperta
Alberto Bove
Riccardo Butini
Paola Gallo
Gaia Lavoratti
Alessandro Merlo
Emanuela Morelli
Iacopo Zetti
UNIFI | SAGAS
Giuseppina Carla Romby
UNIROMA | SPFS
"Tor Vergata"
Antonino Meo
Università Cattolica
del Sacro Cuore sede di
Piacenza | LEL
Sandro Danesi

Professionals
Margherita Cricchio
Serena Di Grazia
Stefania Franceschi
Leonardo Germani
Cinzia Jelencovich

The Cultural Heritage Management Lab conducts research in the field of documentation, development and management of cultural heritage. The multidisciplinary skills of the staff allow to work with complex issues, to analyse the interactions between different fields and to share solutions for the management of tangible and intangible heritage. Analysis and documentation, carried with the most advanced technologies, follow project activities and identify interventions that promote the heritage itself, bringing valuable benefits to community.

In particular, the laboratory works in the development of research programs based on the documentation of the cultural heritage; in the identification of the most appropriate design solutions for the preservation and protection of the heritage; in the communication and promotion of cultural heritage; in the preparation of economic and financial feasibility studies and management plans.







CHM_Lab

Conservation/Maintenance plan of St. John the Baptist Church Campi Bisenzio (Florence)

Scientific Coordinator
Alessandro Merlo

Agreement details
Autostrade per l'Italia
s.p.a. and DIDA
(prot. 131761 pos. III/13
del 28/09/2016)

Research Group
Survey and restitution
Alessandro Merlo
Gaia Lavoratti
Andrea Aliperta
Marco Corridori
Giulia Francesconi
Mattia Genuini
Giulia Lazzari
Elisa Luzzi
Sara Moreno Sánchez

Restoration
Susanna Caccia
Gherardini
Leonardo Germani
Franco Filippelli
Stefania Franceschi
Stefania Aimar
Salvatore Zocco
History of Architecture
Giuseppina Carla Romby

Urban Planning
and Landscape
Iacopo Zetti
Emanuela Morelli
Debora Agostini

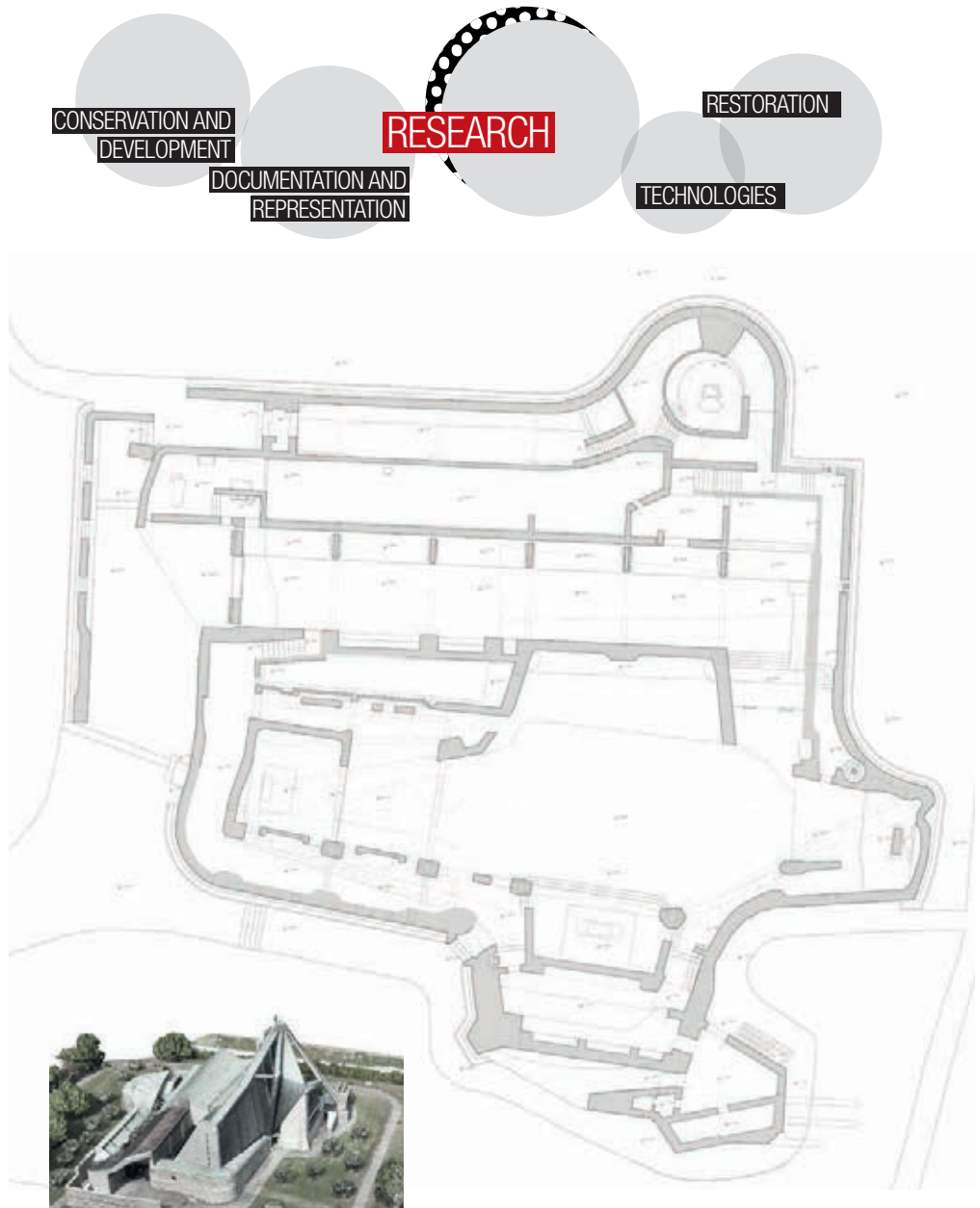
Architectural
and urban project
Riccardo Butini

Architectural
technologies and
building's structures
Alberto Bove
Paola Gallo
Leonardo Boganini

Marketing
Sandro Danesi

Photography and video
Stéphane Giraudeau

In September, 2016 the society Autostrade per l'Italia s.p.a., conferred upon DIDA the task of developing the Conservation Plan of the church of St. John the Baptist, built between 1960 and 1964 by architect Giovanni Michelucci (Pistoia 1891 - Fiesole 1990). The work, carried out by CHM_Lab, was divided into two phases: the first one developed a project proposal aimed at restoring the copper covering mantle of the hall of the Regions, damaged in March 2015 by strong wind; the second one analysed the technical elements of the church and their components, following an accurate historical, morphometric and diagnostics research of its development and history. Finally, the project developed a User Manual, a Technical Manual and a Conservation/Maintenance Program.



Survey and design of the Plaza de la Constitución of Yátova

Inhabiting the landscape of history

Scientific Board

Alessandro Merlo
Riccardo Butini
Giuseppina Carla Romby
Iacopo Zetti

Agreement details

Municipality of Yátova,
Instituto de Restauración del
Patrimonio de la Universidad
Politécnica de Valencia and
DIDA (rep. 1029/2017, prot.
51982 III/14 del 05/04/2017)

Research Group

Survey and restitution
Alessandro Merlo
Marco Corridori
Giulia Francesconi
Giulia Lazzari
Elisa Luzzi
Sara Moreno Sánchez

Architectural
and urban project
Riccardo Butini
Giulia Fornai
Francesco Cirelli
Filippo Lisini Baldi
Urban Planning
Iacopo Zetti

History of Architecture
Giuseppina Carla Romby

Thematic Seminar

“Inhabiting the landscape of
history: survey of the Plaza
de la Constitución in Yátova”

Students
Marina di Ienno
Ilaria Dino
Marco Franchini
Cristina Galatà
Pietro Gallori
Vittoria Ghiselli
Sara Marconi
Alessia Milano

The target of the agreement signed in 2017 by the Municipality of Yátova and the CHM_Lab is to acquire knowledge of the urban form of the Valencian neighbourhood and, in particular, of its main place: the Plaza de la Constitución. For this purpose, the square and its adjacent spaces were firstly carefully documented and analysed, followed by a project proposal based on a considerable historical research of the unpublished documents. Acquisition and data processing have been realized during a students' and Ph.Ds.' thematic workshop. Furthermore, in the second half of 2017, two exhibitions were organized, in collaboration with the Universidad Politécnica de Valencia, showing the results of the work.





CHM_Lab

Development project of the historic centre of Pelago

Inhabiting the landscape of history

Scientific Board

A. Merlo, R. Butini
G. C. Romby, I. Zetti

Agreement details

DIDA (rep. 2455/2015,
prot. 118144 III/13
del 15/09/2015;
amendment rep.
2457/2015, prot. 118152
III/13 del 15/09/2015)

Research Group

Survey, reverse
engineering and 3D
modelling
A. Merlo, G. Lavoratti,
A. Aliperta, M. Corridori,
G. Francesconi, G. Lazzari
E. Luzzi, R. Montuori
Landscape
E. Morelli
Architectural
and urban project
R. Butini, G. Fornai
F. Girelli, F. Lisini Baldi
Restoration
L. Germani, S. Franceschi
Structures and
building's static
A. Bove
Urban Planning
I. Zetti
History of Architecture
G. C. Romby, M. Cricchio
Local Marketing
S. Danesi
Geology
S. di Grazia
Iconology
C. Jelencovich
Museography
F. Arrigoni, M. Arrigoni

Thematic Seminar

"Inhabiting the
landscape of history:
the Piazza Ghiberti in
Pelago"
Students
M. Agnorelli, F. Coppola
G. Coviello, D. Fresu
C. Galatà, P. Gallori
C. Giunti, S. Gradassi
M. Lorusso, A. Manghi
G. Marsili, L. Meini
L. Montioni, M. Paolini
F. Rosati, G. Tacchi
V. Tavani, G. Toccafondi
M. Zacchei

The main goal of the agreement stipulated in 2015 by the municipality of Pelago and the CHM_Lab is to enhance the historic town starting from its most representative place: the Lorenzo Ghiberti square. For this purpose, the square and its adjacent areas were first documented, followed by a project proposal that included interventions such as the recovery of the square's grounds, the reorganization of the existing networks and a series of territorial marketing actions to bring back life to the urban areas. Data acquisition and processing were possible thanks to a thematic seminar and workshop, attended by students and Ph.Ds. from the School of Architecture. Furthermore, in 2017, the Municipality assigned the Laboratory the museum's survey of the upcoming "*Lorenzo Ghiberti*" Interpretation Centre and the Lorenzo Ghiberti Documentation Centre.







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April 2019



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FIRENZE

DIDA, the Department of Architecture of the University of Florence, performed an open and public analysis and evaluation of the scientific research carried out during the first five years of activity since its establishment, in order to define its research strategies, their relationship with the 2nd and 3rd cycle education, the role of experimental research and the system of labs at DIDA (DIDALABS), as well as the role of research units and interuniversity research centers.

The aim of the DIDA Research Week Book 2018 is to communicate the results of such research, in all the aspects which were carried out at DIDA during its first five years of activity.

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