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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.

DIDA RESEARCH WEEK **BOOK 2018**

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

DIDA RESEARCH WEEK **BOOK** 2018

ISBN 978-88-3338-062-9



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DIDA
RESEARCH
WEEK
BOOK
2018

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





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FIRENZE

DIDA
DIPARTIMENTO DI
ARCHITETTURA

graphic design

didacommunicationlab

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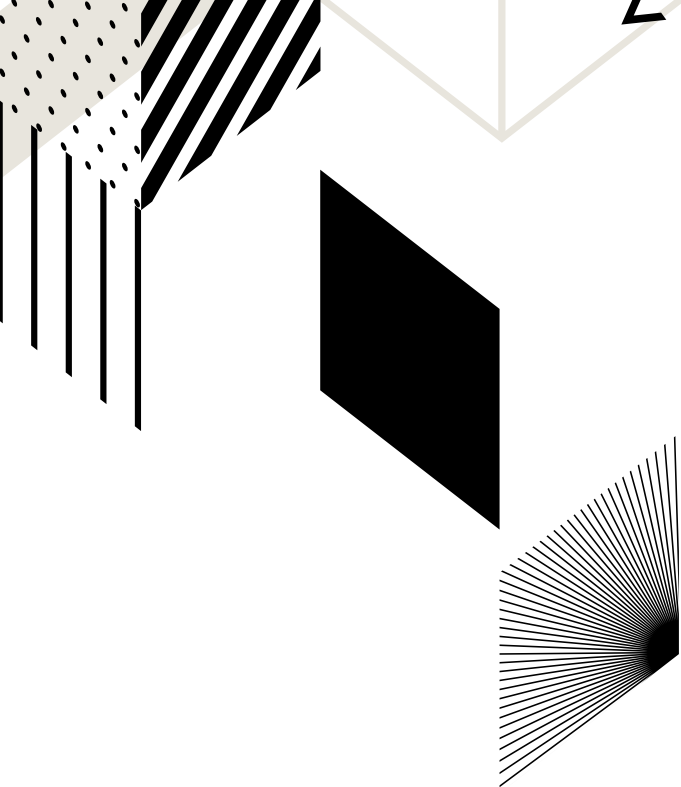


In February 2018, the Department of Architecture of the University of Florence (DIDA) promoted an open and public analysis and evaluation of the research carried out by the Department during its first five years of existence in order to define its strategy, the relationship with third and second cycle 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

DIDA RESEARCH WEEK
BOOK 2018



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TESIS	

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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	
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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	
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Calenzano

Community space

1. RESEARCH AGREEMENT

DIDA|UNIFI

Municipality of Calenzano

“Feasibility studies for the new Primary School in Calenzano”

Scientific Coordinator and Project

Fabio Fabbrizzi

Project Consultant

Andrea Ricci

Technical Consultant

Claudio Piferi

Collaborator

Giacomo Fondelli

2. RESEARCH AGREEMENT

DIDA|UNIFI

Municipality of Calenzano

“Studies of relative feasibilities at a Centre of Multifunctional Services within the Parco of Neto”

Scientific Coordinator and Project

Fabio Fabbrizzi

Technical Consultant

Claudio Piferi

Collaborators

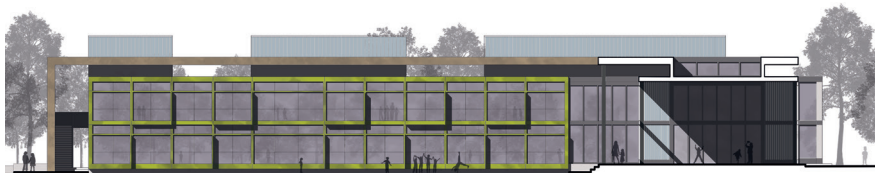
Nico Fedi
Paolo Oliveri

Calenzano is a town with nearly 18,000 residents near the city of Florence and has been the object of a vast process of urban growth in the last decade. The administration has shown, time and again, great care and sensitivity in projects and in the management of the territorial spaces, thus showing a rare attention to the quality of constructed architecture. Upon these assumptions we find a fruitful collaborative rapport with the DIDA that has resulted in two distinct Research Agreements whose themes include investigation, studies and research on two areas destined to the community. They are feasibility studies relative to a Centre of Multifunctional Services inside the Parco del Neto and for the new Primary School for Calenzano.

In both research agreements, work has been approached by appealing to the synergy of specific expertise, assisted by young collaborators involved who are scholarship recipients. This romantic park contains an unexpected and thriving nature nestled between the city and surrounding hill. There is a definite need to give this place an architecture that will serve the various activities which take place there but are only some of the ingredients at the base of the first project course chosen which has led to a series of hypothesis regarding localizations and formalizations. It is from these hypothesis that the possible vision of a sensitive architecture in a natural context has arisen, whose sustainability is tied to different compositional, technological and finished material choices

At the basis of the second project, on the other hand, we find different hypothesis of localization in the territory, whose analysis has resulted in the choice of a plot of land found between a compact built environment yet integrated within a pre-existing school complex. Moreover, there is a need to give the school a multipurpose space that can function as an autonomous place and be independent from the school functions, together with further consideration regarding the themes of passive bioclimatics of the architectonic shape. These elements have led to the start of this project, attained by different formal hypothesis which are all focused on idea of a school as a “children’s home”, in other words, a place to study, socialize and get to know one another.

1. Feasibility studies for the new Primary School in Calenzano



2. Studies of relative feasibilities at a Centre of Multifunctional Services within the Parco of Neto

