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### Calenzano Community space

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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

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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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Università degli Studi di Firenze

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**didapress**


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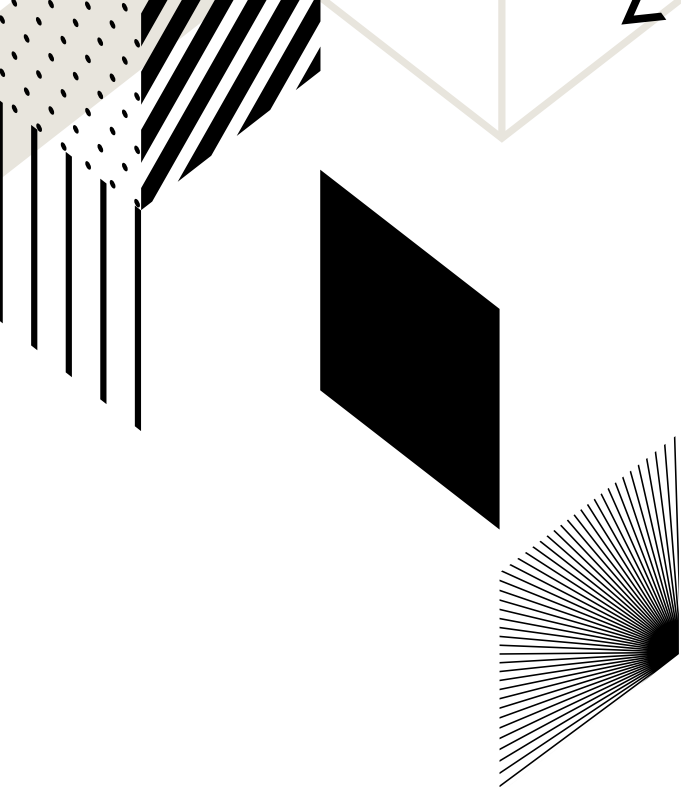


In February 2018, the Department of Architecture of the University of Florence (DIDA) promoted an open and public analysis and evaluation of the research carried out by the Department during its first five years of existence in order to define its strategy, the relationship with third and second cycle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

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

<b>AHCV - Architectural Heritage Conservation and Valorisation cluster</b>	<b>113</b>
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Architectural Heritage Restoration and Conservation | LARC

Architectural Survey Laboratory | LRA architecturalsurveylab

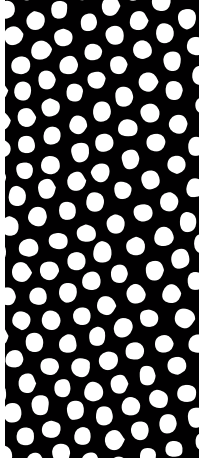
Cultural Heritage Management Laboratory | CHM\_Lab

Heritage City Laboratory | Heritage City\_Lab

Materials and Structures Testing Laboratory | LPMS

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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	
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Cartography Laboratory   LCart	
Photography Laboratory   LfA	
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Critical Planning & Design	
Laboratory of Sociological Research on Design, Architecture and Planning   LabSo	
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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	
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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

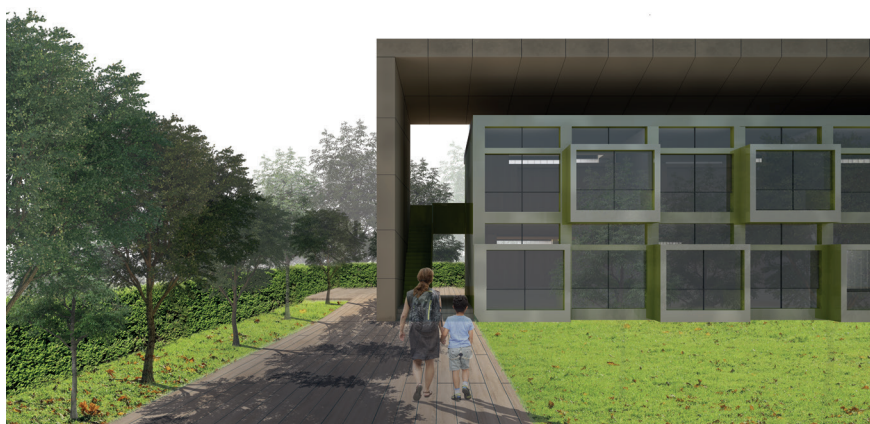
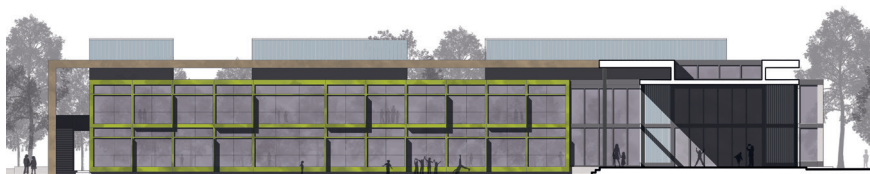
Nico Fedi  
Paolo Oliveri

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

