DIDA

RESEARCH WEEK BOOK

2018

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

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2018

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

UNIVERSITÀ DEGLI STUDI FIRENZE
DIDA DIPARTIMENTO DI ARCHITETTURA

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didacommunicationlab
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Università degli Studi di Firenze

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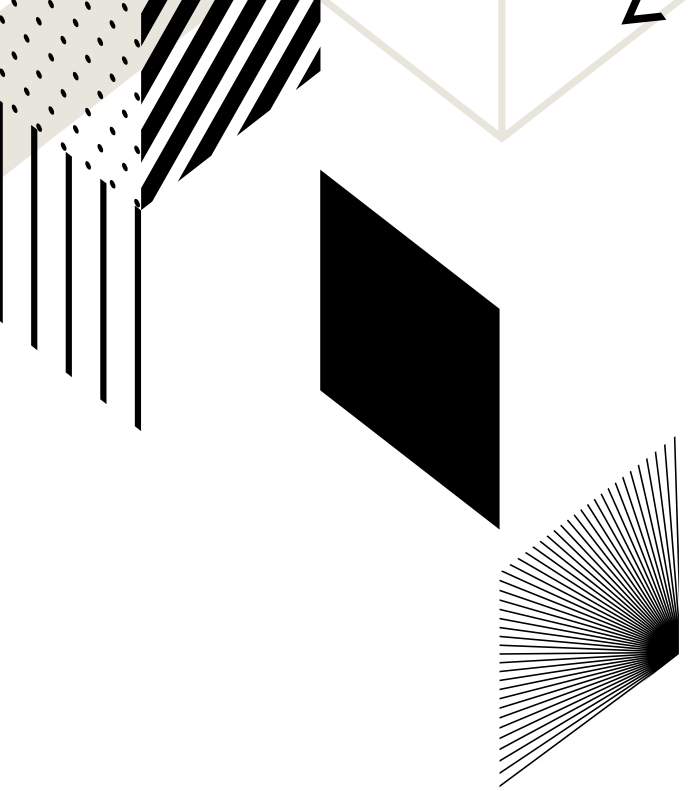
In February 2018, the Department of Architecture of the University of Florence (DIDA) promoted an open and public analysis and evaluation of the research carried out by the Department during its first five years of existence in order to define its strategy, the relationship with third and second cycle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

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
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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
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Landscape Design Lab
Laboratory of Ecological Design of Settlements | LaPEI
Plans and Projects for the City and the Territory | PPCT
Regional Design Lab

PhD Programs **241**
Architectural and Environmental Survey and Representation
Design
History of Architecture and the City
Landscape Architecture
Technology of Architecture
Urban and Regional Planning and Design

Research Units **305**
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

Scientific Journals **345**
Firenze Architettura
Contesti
Territori
Scienze del Territorio
Opus Incertum
Ri-Vista

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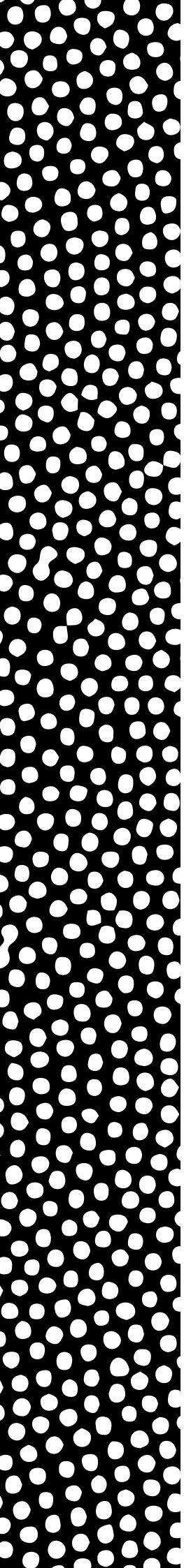
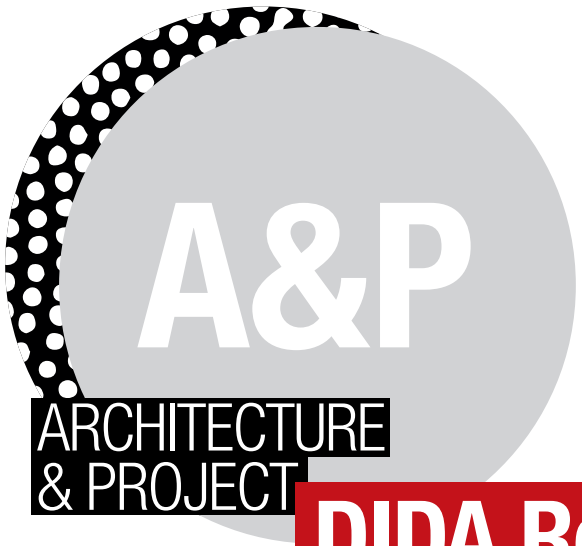




DIDA Research Programs

Made of vines and stone

Architectural and environmental design for a winery

RESEARCH AGREEMENT

Scientific Coordinator
Michelangelo Pivetta

Collaborators
Davide Lucia
Elisa Monaci
Luisa Palermo

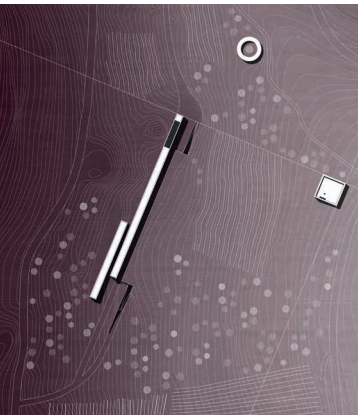
Bacchus is known to be an insidious god. The rituals dedicated to him for someone, usually, did not end well. The dynamics of the land east of Verona, compressed between the Pre-Alps and Lake Garda, carved by the wound of the Adige, communicate a healthy resistance of the farmer to open the oak doors of his cellar and spread the secrets of his work. He has nothing to hide but the wine he produces is the fruit of his land, his work, the ancient wisdom of his families. There is an acute sense of ownership linked to the sense of roots among those who make wine for passion as well as for work. In Valpolicella the cellars are hundreds years old and are the caveau where the purest part of their bond with the land and the stone that built them is collected; the substance of everything.

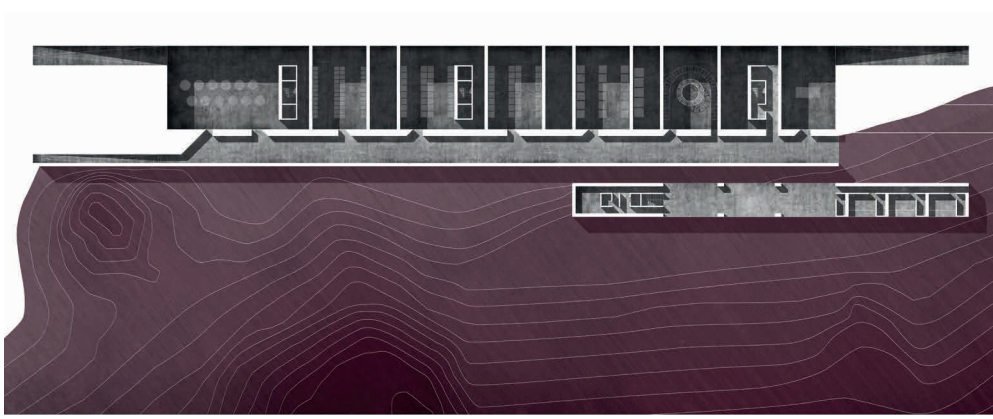
These aspects have found a way to channel into critical thinking, becoming the basis for this architectural design. The cellar designed is the result of a work whose project is only the last offshoot, it summarizes an ideal position of architecture in its broad comparison with the themes of industry and territory, settlement and landscape, agricultural work and its proud manifestation.

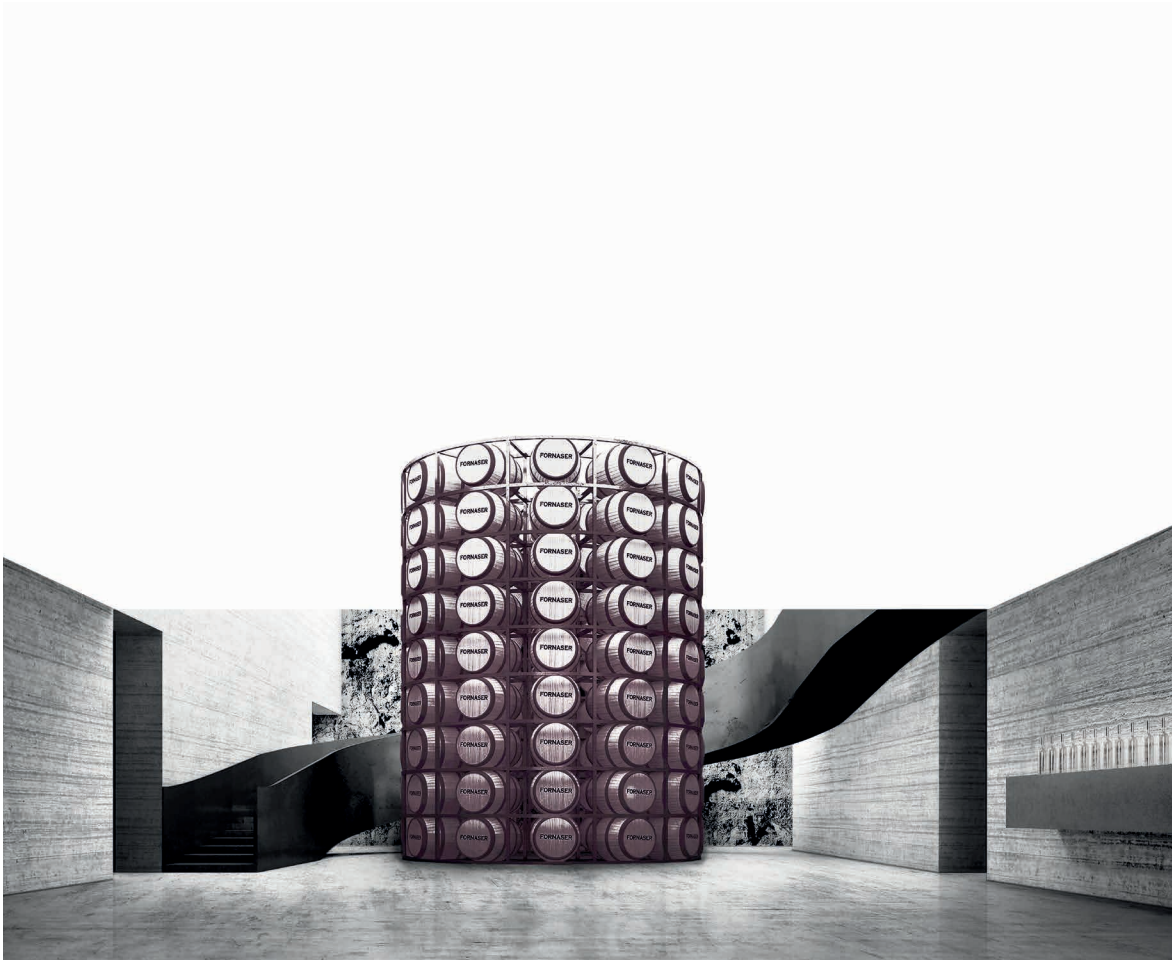
The cellar, the productive part, is only a trick to talk about something else, to show off not only itself as too often happens. The design aims to be the tool through which to tell millennia of wine culture and stone excavation, modification of the natural landscape in agricultural landscape, human work on a context that from the agricultural and quarries built the Arena traces have made a true archaeologies.

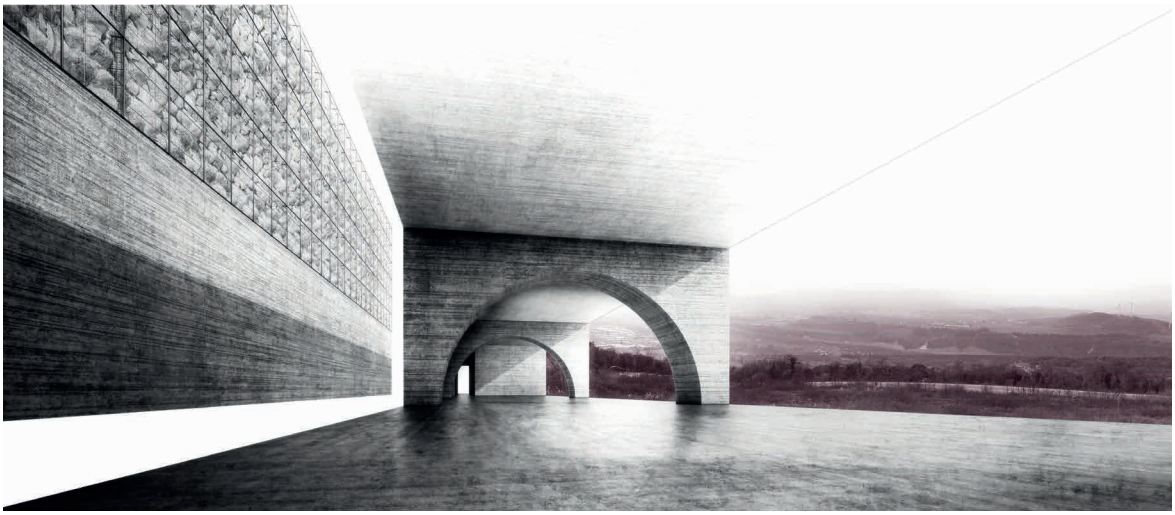
What emerges in the end is just another wall, another among many others, made of the same stone that was always quarried but built according to new rules of technology. Next, by necessity, to the discourse of non-form. This wall is not substructure of earth like its progenitors but container; temple of the peculiar art of the withering of the berries. A functional transit as for the gestation of Bacchus, from the womb of Semel to the leg of Jupiter, from the land of the vine to the stone of the building.

Architecture needs to express itself through opportunities for dialogue with the elements that determine its boundaries, whatever nature they are made, because only in this way it is able to tell, like in this case, true and great stories.






FORNASER



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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.

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