

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

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**didapress**


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CHLORINE  
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GUARANTEED





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.

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TESIS	

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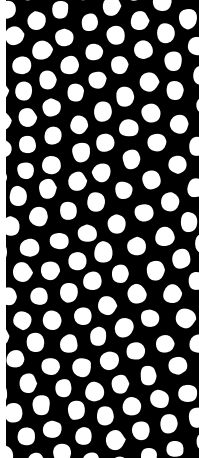
Architecture and Auto-construction | LAA  
Prato Laboratory | Laboratorioprato  
Technologies for the Mediterranean Area Laboratory |TAM Lab  
Theatre | Architecture Laboratory | TEARC Lab  
Urban Design Laboratory | UD

AHCV - Architectural Heritage Conservation and Valorisation cluster 113

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

<b>DSI - Design and Sustainable Innovation cluster</b>	<b>143</b>
Communication Laboratory   didacommunicationlab	
Design for Kids	
Italian Design for the train   DIT lab	
Ergonomics & Design Laboratory   LED	
Modelling Laboratory for Design   LMD lab	
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Informatic Laboratory of Architecture   informaticlab - LiA	
Cartography Laboratory   LCart	
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Laboratory of Sociological Research on Design, Architecture and Planning   LabSo	
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Landscape Architecture	
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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	

<b>Scientific Journals</b>	<b>345</b>
Firenze Architettura	
Contesti	
Territori	
Scienze del Territorio	
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# ARNO

## Florence, the City and its River

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Comune di Firenze  
UNIFI | DIDA  
Publiacqua s.p.a.

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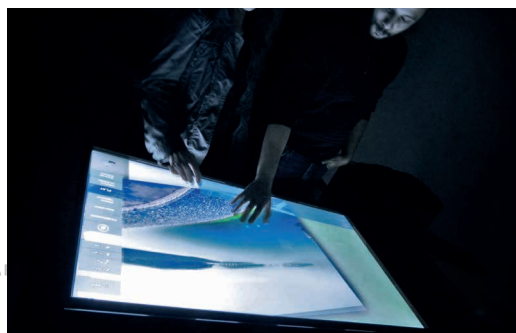
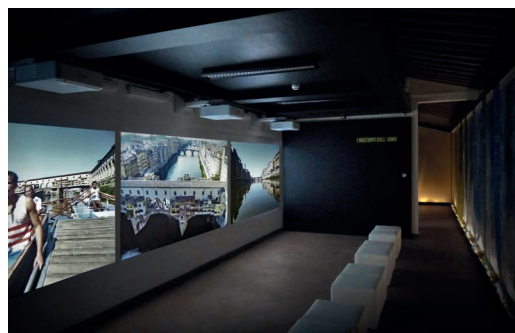
The research agreement “CASADELLARNO\_Information-Promotion-Communication Project for a new culture on the river as a meaningful environmental resource for the territory”, signed between DIDA and Comune di Firenze – Publiacqua – Autorità Idrica Toscana for the period 2013-2014, has been an opportunity to retrace, deepen and develop study, research and academic activities on the river, since 2004 until today. The purpose of the research is to develop a new perspective on the river Arno through three thematic phases Knowledge - Sharing - Design, in order to deepen its understanding as a cultural, urban, social and natural resource:

The purpose of the research is to develop a new perspective on the river Arno through three thematic phases Knowledge - Sharing - Design, in order to deepen its understanding as a cultural, urban, social and natural resource:

**KNOWLEDGE.** Proposal of CASADELLARNO (an exhibition area realised during 2014 inside the Centro Visite at the Piazzale del Re in the historical Parco delle Cascine in Florence), an interactive museum that hosts stories, projects, researches with the aim of disseminating knowledge on the river, so to recover an active relationship with it and to propose projects based on the river as a urban structural system which can be implemented over time. The exhibition is based on four thematic areas – The river and the city, The river and the territory, The Arno's tales, Water precious resource - that allow to explore the river through videos, interactive installations and posters.

**SHARING.** Interaction and sharing activities involving public and private actors, local authorities, stakeholders, citizens and experts. A platform to discuss ideas and proposals on how to build a state of the art on the Arno in order to broaden the existing knowledge and promote a renovation process for the river adopting an organic and shared perspective.

**PROJECT.** Activities carried out by the Architecture Department of the University of Florence from 2004 to 2017, deepening the vocation of the Arno river both as a place to be regenerated and a generator of relations between the city and its territory.







## KNOWLEDGE

### The river and the city

This section collects historical, environmental, scientific, artistic and cultural informations which can be implemented over time. The section is introduced by a conceptual video on CASADELLARNO, starting from a cognitive route of the Arno river as related to Florence's urban settlement and its many features.

### The river and the territory

The focus of this section is on the river course from its source on Monte Falterona, on the toscano-romagnolo Apennine, to its mouth located at Marina di Pisa, in the Ligure sea, through the provinces of Arezzo, Firenze e Pisa along 241 Km.

### The Arno's tales

This section allows an immersive dive in the exploration of the river-related issues. Videos are used to tell stories and suggestions about the river, proposing new visions and narratives on the genius loci and offering brand new ideas on the infrastructure.

### Water precious resource

It is the interactive section. A touchscreen allows to customize informations about the river as an integrated infrastructure, in order to promote a water culture that conceives water as a precious resource and to educate to its the correct use.

## SHARING

### Publications

Capestro A. 2016, *Per una nuova cultura dell'Arno*, «Rivista. Ricerche per la progettazione del paesaggio», vol. 2.

Capestro A. 2014, *Casadellarno. Progetto di informazione-promozione-educazione per una nuova cultura del fiume come significativa risorsa ambientale del territorio*, «Opere», vol. 38.

### Exhibitions

A. Capestro, *Tra Natura e Città: un progetto di riqualificazione per le Cascine di Firenze*, Laboratori in Mostra, Firenze 2012/2013.

A. Capestro, R. Nudo, A. Rinaldi, *Altrarno. Un fiume di opportunità per Firenze*, Centro\_Progetti e strategie di rigenerazione per il centro storico di Firenze, Firenze 2013.

A. Capestro, *Altrarno. Un fiume di opportunità per Firenze*, Open Workshop, Firenze 2013.

A. Capestro, E. Falqui, M. Marinelli, *Il fiume e la città. Progetto del parco fluviale dell'Arno*, Work in progress, Firenze 2014.

### Conferences

A. Capestro, *Altrarno. Un fiume di opportunità per Firenze*, Centro\_Progetti e strategie di rigenerazione per il centro storico di Firenze, Firenze 2013.

A. Capestro, *Arno, città. visioni e strategie*, Firenze 2015.

A. Capestro, *Arno: visioni-strategie-progetti*, Architetture in H2O. Costruzioni galleggianti e realtà acquatiche, Firenze 2017.

A. Capestro, *Infrastruttura - Natura - Città*, Incontri del terzo giardino. Comunità e nuovi paesaggi, Firenze 2017.

## PROJECT

### Labs

*Abitare l'Arno. Progetto di un sistema residenziale e di servizi sul Lungarno Ferrucci a Firenze* | Laboratorio di Architettura II - A.A. 2004/2005.

*Altrarno. Un fiume di opportunità per Firenze* | Laboratorio di Architettura III - A.A. 2012/2013.

*Il fiume e la città. Progetto del parco fluviale dell'Arno* | Laboratorio di Architettura e Città - A.A. 2013/2014.

*Firenze e il suo fiume. Progetto di spazi per attività sull'Arno* | Laboratorio di Architettura III - A.A. 2014/2015.

### Thematic seminars

*Tra natura e città: un progetto di riqualificazione per le Cascine a Firenze* | Corso di Laurea Magistrale in Architettura - A.A. 2012/2013.

### Thesis

8 Thesis produced by: Corso di Laurea Magistrale a ciclo unico in Architettura | Corso di Laurea Specialistico Biennale in Architettura | Corso di Laurea Triennale in Scienze dell'Architettura.





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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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