

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

DIDA RESEARCH WEEK BOOK 2018







DIDA
RESEARCH
WEEK
BOOK
2018

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





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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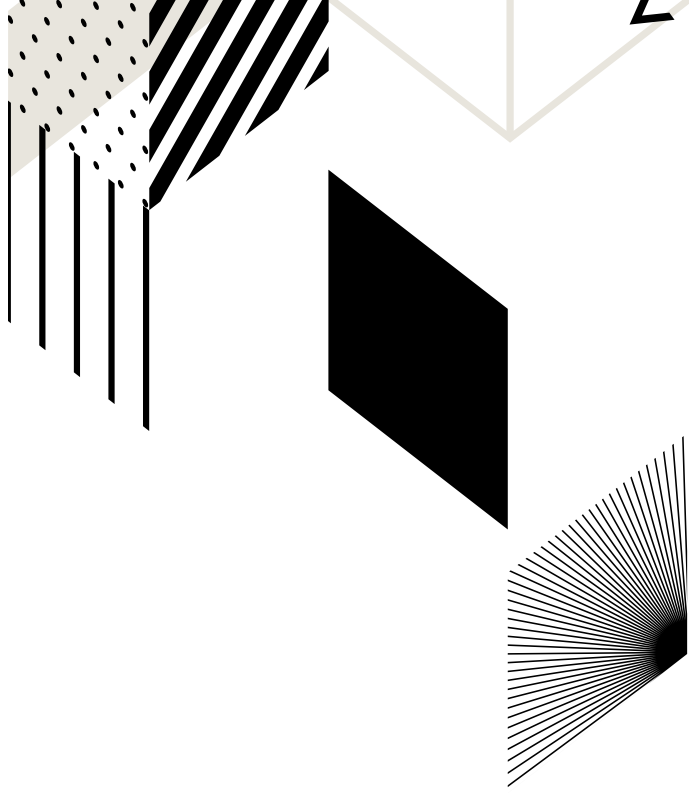


In February 2018, the Department of Architecture of the University of Florence (DIDA) promoted an open and public analysis and evaluation of the research carried out by the Department during its first five years of existence in order to define its strategy, the relationship with third and second cycle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

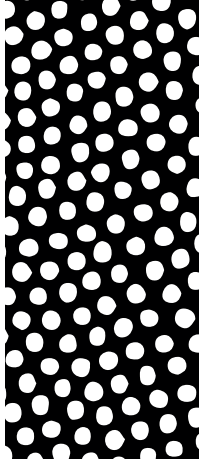
Cultural Heritage Management Laboratory | CHM_Lab

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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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	
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KICKAWAY.spazideldomani

The survey as a tool of knowledge of
the structural deficiencies of sport facilities

AGREEMENT

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Researcher
UNIFI | DIDA
Marco Ricciarini

Among many issues affecting the territory of our country we must consider the difficult conditions of the sports facilities representing the daily theatre where we are facing the growth of thousands of children and youth. It is emblematic the huge gap that exists between the quality of the structures in relation to the amount of children, teens and adults who benefit from these places. This research critically deals with the analysis of some sports facilities of the territory of the Tuscan Region, presents the results of all the 3D laser scanner survey and the articulation of volumes and compositional geometry of the catalogued objects. The charts and process produced have been prepared by different methodologies and techniques of the discipline of the Survey. The documentation produced, made up of scale surveys, has been prepared through various operating methodologies and mainly through the use of 3D laser scan.

An experimental analysis of 25 sports facilities has been produced aimed at highlighting the state of preservation and the organizational needs of the sports facilities themselves.

CREDITS

Research Project in collaboration with Comitato Regionale della Federazione Italiana Giuoco Calcio and Comitato Regionale della Federazione Italiana Ciclismo.

Scientific Coordinator of the project: Stefano Bertocci (UNIFI | DIDA)

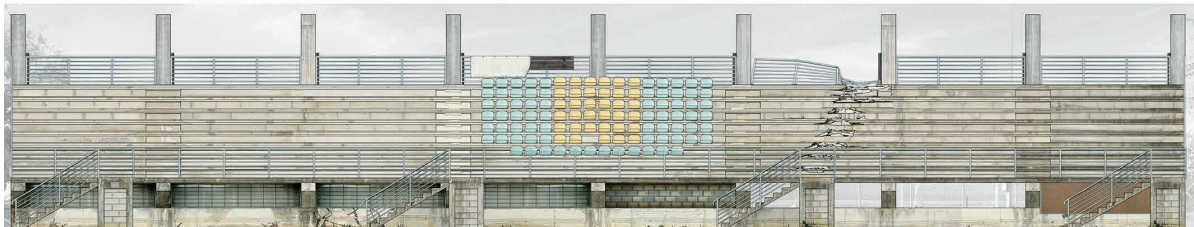
Scientific Coordinator of the survey project: Marco Ricciarini.

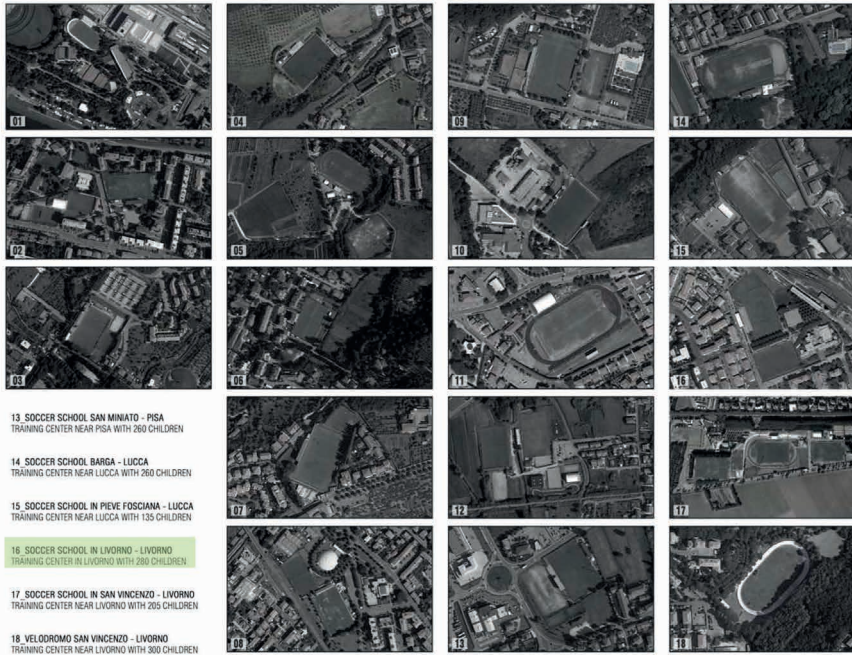
PUBLICATIONS

Stefano Bertocci, Marco Ricciarini, Impiantistica sportiva in toscana. Il rilievo come strumento di conoscenza delle carenze strutturali degli impianti sportivi per attivare un processo di valorizzazione e recupero, in atti del convegno REUSO2016_Pavia.

Stefano Bertocci, Marco Ricciarini, Il rilievo integrato come strategia metodologica per la conoscenza delle frequenti criticita' riscontrabili nell'impiantistica sportiva, in atti del convegno UID2017_Napoli.

Stefano Bertocci, Marco Ricciarini, Tradizione ed innovazione nel disegno di rilievo per la conoscenza del costruito. il caso studio dell'impianto sportivo della "juventus academy" polisportiva Margine Coperta a Massa e Cozzile, Pistoia, in atti del convegno REUSO2017_Granada.





- 01 VELODROMO DI FLORENCE - FLORENCE
TRAINING CENTER IN FLORENCE WITH 180 CHILDREN
- 02 SOCCER SCHOOL USILOTTO - FLORENCE
TRAINING CENTER IN FLORENCE WITH 260 CHILDREN
- 03 SOCCER SCHOOL IN SESTO FIORENTINO - FLORENCE
TRAINING CENTER NEAR FLORENCE WITH 205 CHILDREN
- 04 SOCCER SCHOOL MALMANTILE - FLORENCE
TRAINING CENTER NEAR FLORENCE WITH 125 CHILDREN
- 05 SOCCER SCHOOL IN GREVE IN CHIANTI - FLORENCE
TRAINING CENTER NEAR FLORENCE WITH 220 CHILDREN
- 06 SOCCER SCHOOL IN SAN POLO IN CHIANTI - FLORENCE
TRAINING CENTER NEAR FLORENCE WITH 80 CHILDREN
- 07 SOCCER SCHOOL SAN CASCIANO - FLORENCE
TRAINING CENTER NEAR FLORENCE WITH 235 CHILDREN
- 08 SOCCER SCHOOL MALUSETI - PRATO
TRAINING CENTER IN FLORENCE WITH 215 CHILDREN
- 09 SOCCER SCHOOL SAN GIMIGNANO - SIENA
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- 10 SOCCER SCHOOL IN SIENA - SIENA
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- 11 SOCCER SCHOOL IN TORRITA DI SIENA - SIENA
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- 13 SOCCER SCHOOL SAN MINATO - PISA
TRAINING CENTER NEAR PISA WITH 260 CHILDREN
- 14 SOCCER SCHOOL BARGA - LUCCA
TRAINING CENTER NEAR LUCCA WITH 260 CHILDREN
- 15 SOCCER SCHOOL IN PIEVE FOSCIANA - LUCCA
TRAINING CENTER NEAR LUCCA WITH 135 CHILDREN
- 16 SOCCER SCHOOL IN LIVORNO - LIVORNO
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- 18 VELODROMO SAN VINCENZO - LIVORNO
TRAINING CENTER NEAR LIVORNO WITH 300 CHILDREN

