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Development of integrated
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ArchiLab didactic experiences

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Development of Integrated Architectural Design Programs
for City, Environment, Landscape

 Development of integrated
Architectural Design Programs
for City, Environment, Landscape

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Sarajevo University Campus

edited by Elena Guidetti

ArcDesPress

ArchiLab didactic experiences

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graphic project: Giovanni Bazzani, Elena Guidetti

This book reports the didactic experiences developed in the context of the Architectural Design Studio at 3rd year of the Degree Master Course in Architecture, academic years 2017-18 and 2018-19, School of Architecture, University of Ferrara, and results of the 1st and the 2nd International Workshop in Sarajevo led by the University of Ferrara with the collaboration of the University of Sarajevo.



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INTRODUCTION

Alessandro Massarente

Associate Professor UniFe

Architectural Design Studio Lab III

Notes

1. Guido Incerti, Alessandro Gaiani and Alessandro Massarente.
2. Prof. Amir Causevic.
3. San Micheal Church, National Library and Central Market.
4. For example, in E. Durmisevic, A. Pasic, *Sustainable Strategies for Istanbul Kadikoy*, University of Twente, University of Sarajevo, Yildiz Technical University, 2014, concerning the results of "International Design Studio 2013 Urban Strategies for Green Kadikoy".
5. DA Dani Arhitektura are conceived as an annual, multi-day festival which includes international and local architects' lectures, exhibitions, discussions, movie projections and similar events related to the subject of architecture, design, urbanism and spatial planning.
6. SubProgram *Higher education student and staff mobility between Programme and Partner Countries*, Action Type KA107, Professor in charge for the agreement project Alessandro Massarente.

A bridge over Balkans

This story begun in July 2017, when 3 brave researchers from **University of Ferrara** decided to drive for about 10 hours to meet some professors of **University of Sarajevo**, and then have a survey on the site where they expected to develop a didactic project with the students of the two schools¹.

Of course this first meeting was prepared by some previous contacts, thanks to Guido Incerti, and was very warm and friendly: we were hosted by the Dean of the Faculty of Architecture and by other Professors, among whom the Vice Dean for International Cooperation².

In that occasion, we were formally invited to work on **Marshal Tito Barracks** area in order to compare our didactic experiences to some other didactic and research actions that University of Sarajevo was going to develop on that area, aiming to establish there a new Campus and thus gathering there most of the university infrastructures and services.





In September 2017 activities of Architecture Design Studios started, involving about 150 Italian and Erasmus students, of the 3rd year of the 5 years Degree Course in Architecture of the University of Ferrara.

At the end of the semester, after 2 intermediate seminars in Ferrara, in January 2018 we had an amazing **study trip through the Balkans**, visiting Jasenovac memorial, one of Bogdan Bogdanovi's masterpieces, and Kozara memorial, one of the most interesting work of Dušan Đamonja, and then a

Workshop in the Faculty of Architecture, University of Sarajevo.

During this Workshop students were involved in deepening their projects developed until the end of December visiting the town, better understanding social and urban conditions, discussing and comparing their own work with other students and professors through some didactic games, in order to get a higher level of consciousness of the real problems posed by a new campus in Sarajevo.

After our arrival in Ferrara, there were

final exams of Architecture Design Studios. In the meantime, we professors exchanged each other the text of a **Cultural, Educational and Scientific Cooperation Agreement** between University of Sarajevo and University of Ferrara, that I had previously prepared, then signed in February 2018 by the Rector of the University of Ferrara, Prof. Giorgio Zauli, and the Rector of the University of Sarajevo, Prof. Rifat Skrijelj.

This agreement encourages the cooperation between our two Universities in fields of teaching and research and defines the following possible activities: joint degree programs and cooperation for double degrees; exchange of invitations to scholars for lectures, talks, and sharing of experience; exchange of invitations to scholars to participate in conferences, colloquia, symposia; exchange of information in fields of interest to both Universities; exchange of faculty members, graduate and undergraduate students for study and research; joint research activities.

Photo of the EARN workshop 2018, Sarajevo

In September 2018 we had a **second didactic experience on Sarajevo** with Architecture Design Studios of the 3rd year. This time, we had the Workshop in Sarajevo and the study trip at the beginning of the semester, at the end of October: besides Jase-novac and Kozara, we had a visit in Lubiana to some Joe Plenik's masterpieces³ and contemporary building of OFIS and Sadar +Vuga. Then, coming back to Italy, we visited Mostar and Split, with their extraordinary palimpsest of architecture.

During this **second Workshop in Sarajevo** professors and students, besides deepening projects developed the previous 5 weeks, had the possibility to exchange their experience with the ones of Prof. Adnan Pasic, formerly commissioned to project the new university Library of the Sarajevo Campus. He has participated to all the activities and critics hosted in Faculty of Architecture, aiming to foster the cooperation between our two schools of architecture, and extending it to other neighbouring schools. One of them is Istanbul Technical Universi-



This agreement encourage the cooperation between our two Universities in fields of teaching and research and defines various possible activities

ty, Department of Architecture, which shared some years ago didactic and research activities with Sarajevo⁴.

By this way, we started to have some skype meetings with Pasic and Prof. Birgül Çolakolu, in order to program some further cooperation activities, as for example exchange of didactic experiences on the same theme (Sarajevo Campus) and a common exhibition about the results of this comparison, scheduled for academic year 2019-20.

In the meantime, we have started to strenghten some **relations with other groups acting on architecture** in the region, such as Balkan Spatial Perspective Platform or DA Dani Arhitektura Days of Architecture, June 2019, titled “Rethinking Paradigms”, one of the biggest events in the field of architecture in Bosnia and Herzegovina, with the exhibition of best students’ projects of University of Ferrara on Sarajevo Campus⁵.

In February 2019 we have submitted an application for an **Erasmus+ exchange programme** between Ferrara and Sarajevo, and last July we

received good news: our project was selected and partially financed⁶. Thus for 3 years we shall put the basis for a wider cooperation between our two schools, through the exchange of Master and PhD students, Professors and personal technical administrative, involved in various didactic and research activities, of whom this book, with the work developed by students and professors on Sarajevo Campus, could be a first document.



CONTRIBUTORS

Alessandro Massarente



Alessandro Massarente is an Architect, PhD, Associate Professor (Full Professor qualification, 2018) at the University of Ferrara, Italy, in Architectural and Urban Design. He is teaching since 1992 at the Faculty of Architecture of Ferrara. PhD in "Methodology problems in architectural design", he was Researcher since 1999 at the First Faculty of Architecture at the Politecnico di Turin and since 2004 at the Faculty of Architecture of Ferrara. Author or editor of more than 200 articles, essays and books on design tools and methods, in particular dedicated to the relation between historical urban landscape and contemporary architecture. Some of his projects were published in various architectural books and magazine, as "Area", "Il progetto", "Almanacco di Casabella", "d'A d'Architettura", "Paesaggio urbano". Since 2005 he became director of the research laboratory ArcDes "Centre for the Development of integrated programs for City, Environment and Landscape", Department of Architecture, University of Ferrara. Since 2010 he developed research projects for area "Tools, materials and techniques for museography and exhibition design", TekneHub, Tecnopolo di Ferrara, Rete Alta Tecnologia ER region.

Alessandro Gaiani



Alessandro Gaiani, architect, since 1999 is Assistant Professor in Architectural and Urban composition at Department of Architecture, University of Ferrara, has made the hybrid and sustainable strategic approach its own project, also winning national and international design competitions. A staunch supporter of the value of connection and of the contamination between socio-economic disciplines and architecture, for the Quodlibet types he recently published the Urban Overwriting book. He is the author and editor of books, numerous essays and articles on theoretical and methodological topics related to architectural design, especially residential. From the second half of the nineties he developed publics and private research projects. The common thread of the research carried out within the discipline is the concept of sustainable mutation declined both through the transformation of the existing heritage and in the definition of new projects and methodologies.

Alessandro Cambi



Alessandro Cambi was born in Siena on 6th June 1976. He graduated in Architecture at the University of Florence in July 2002, after two years studying at La Défense and La Villette Schools of Architecture in Paris. He worked with architectural practices in Siena, Paris (Buffi Associés SA) and Rome (Studio Sartogo). The result of this line of activity was his affiliation with SCAPE in January 2005. In 2016, with Francesco Marinelli and Paolo Mezzalama, founds a new professional reality: IT'S srl, operating in the offices of Rome, Paris and Geneva; a company created with the purpose of hybridizing architectural methods with the know-how of other fields, contaminating different kinds of knowledge in an attempt to increase job horizons. He has tutored national and international workshops and held conferences at the university architectural faculties of Ferrara, Genoa, Reggio Calabria and Rome. In 2012 he has been a visiting lecturer at the Faculty of Architecture at the University of Roma Tre. Since the 2013 he has been professor at the Faculty of Architecture at the University of Ferrara. Since the 2019, he is Visiting Professor at the École Nationale d'Architecture Paris Val de Seine.

Alice Gardini



Alice Gardini graduated in architecture in 1996 at the University of Florence. Since 1997 she has been dealing with urban and residential planning, taking part in numerous design competitions, obtaining prizes and awards, including the selection for "RIBA International Awards 2018" for the project called "AP House Urbino (IT)". In 1997 she obtained a specialization in "Executive Design" at Oikos University in Bologna and a Master in "Public Space Design - MASP 2001" in Lucca (IT), of which she has been tutor in following editions. She has collaborated with some Italian architectural magazines and she is author of numerous articles and essays. She is partner in the office GGA gardini gibertini architect since 2004, parallelly to the academic activity at the University of Genoa where, she concludes a PHD in "Architectural Design" in 2008. Since 2012 she has been in contract as professor in "Theories and Techniques of Architecture" at the University of Ferrara and in the same year she published the book: "Abitare ai margini della città. Trasformazione dei modelli insediativi residenziali moderni."

Guido Incerti



Guido Incerti is an Architect, PhD. Visiting Tutor at the Royal College of Art in London. He teaches at the Department of Architecture of the University of Ferrara and at Kent State University. He also collaborates with the Domus Academy and IAAD. He took his first steps in the world of architecture with DS+R and other international firms, and in 2014 founded bda bottega d'architetti. He has won national and international competitions and awards, including the Inarch Prize and the honorable mention at the XXIII Compasso d'Oro. He writes for architecture magazines and portals such as Abitare, Area, Domusweb, Klat, Materia and has directed "Opere" Tuscan architecture magazine. He deals with projects in border areas, reuse, disassembly and re-assembly of architecture. For Skira, he edited the monograph on the studio DillerScofidio+Renfro, with LetteraVentidue "Trasformazioni: storie di paesaggi contemporanei" and for Skira, "L'atlante dei paesaggi riciclati". He loves to travel with his motorcycle through the streets of the beloved Balkans towards the East.

Alessandro Tessari



Alessandro Tessari has studied in the University Institute of Architecture of Venice and in the University of Architecture of Seville. He finished his degree with Bernardo Secchi and Guillermo Vazquez Consuegra, with whom he collaborated from 2005 to 2008. He is Ph.D in Architecture at Villard d'Honnecourt - IUAV of Venice and in Urbanisme at PROURB - URFJ of Rio de Janeiro. He has been visiting professor at IUAV of Venice, Roma Tre of Rome, Catholic University of Pereira, Javeriana University of Bogotá and Escola da Cidade of São Paulo. He has been professor from 2016 to 2019 at UNIFE, Faculty of Architecture of Ferrara. Alessandro Tessari has supported lectures in the main universities of Architecture, including IUAV of Venice, Politecnico di Milan, AAM of Mendrisio, ETSA of Seville, UFRJ of Rio de Janeiro, Javeriana of Bogotá, Escola da Cidade and the FAU-Mackenzie of São Paulo and in several cultural institutions in Europe such as the Venice Biennale of Architecture and the Maison de l'Architecture of Geneva. Alessandro Tessari has founded in 2008 with Matteo Bandiera ETB, an International Architecture and Urbanism practice based in Seville and Treviso.

Mladen Burazor



Mladen Burazor is a member of teaching staff at the Department of Architectural design and his previous research work, including master's thesis, doctoral dissertation and published scientific papers and books, is directly related to the topic of architectural design. He attended Strode College (UK) and later graduated at the University of Sarajevo, Faculty of Architecture in 2004 where he also completed doctoral theses in 2012. He has more than 15 years of experience on a numerous international architectural projects as well as Higher education programmes, most recent being the HERD programme financed by Norwegian ministry of foreign affairs. As a member of dedicated personnel from engineering faculties in the country, he was involved in creation of the very first database of the energy characteristics and potential refurbishment models of the entire residential building stock. Beside academic duties, over the course of years, Mladen Burazor has been involved and collaborated with many professional organisations in promoting architectural profession and also participated on a number of architectural competitions receiving in total 8 awards.

Adnan Pašić



Adnan Pašić (Zagreb, 1967) is an architect who is Head of design and research studio at the Institute of Architecture, Urbanism and Spatial Planning and teacher on Architectural Design at Faculty of Architecture, University of Sarajevo, Bosnia and Herzegovina. He lectured on the Universities in USA, Nederland, Japan, Turkey and Bosnia and Herzegovina. He was Visiting Scholar on Department of Architecture on MIT, Cambridge, Mass., USA and Guest Professor on the Faculty of Architecture on Istanbul Technical University. As practicing architect he combined practice with research on various projects in urban design, housing, office buildings, cultural facilities, sacral spaces and interiors. His architectural works were presented on three solo and fifteen group exhibitions in region and Europe. Association of Architects of Bosnia and Herzegovina awarded him with annual awards in 2006, 2009 and 2012.

Senka Ibrišimbegović



Ph.D. Senka Ibrišimbegović was born in Travnik, BiH. She attended High school in Switzerland. She finished Faculty of Architecture at the University of Sarajevo. During studies, she participated in educational programs at the Yildiz Technical University Istanbul, Massachusetts Institute of Technology Cambridge USA in 2001. and TU Wien in 2003. She did her postgraduate studies in Italy in 2004, in cooperation with Università di Siena, Politecnico di Milano, IUAV di Venezia, Università di Roma - La Sapienza. In May 2014, she did her doctoral thesis research at the Université Paris 8. From January 2008, she works at the Faculty of Architecture University of Sarajevo, and since 2019 as an Assistant professor. She has participated in several international scientific and professional conferences, as well as scientific and professional projects. She works with the Museum of contemporary art Ars Aevi in Sarajevo since 2004, on architectural design proposed by Italian architect Renzo Piano and exhibition setups. In 2019 she commissions the exhibition of Bosnia and Herzegovina pavilion for the 58th Venice Biennale.

Nermina Zagora



Nermina Zagora graduated from the Faculty of Architecture, University of Sarajevo (2005), obtained Master's degree in Product Design from the Fine Arts Academy, University of Sarajevo (2008) and doctoral degree from the Faculty of Architecture, University of Sarajevo (2012). During her graduate and postgraduate studies, Nermina participated in academic mobility programs architecture schools in Barcelona, Oslo, London, Ghent, and Kobe. As assistant professor at the Faculty of Architecture, University of Sarajevo, Nermina has been teaching in the academic fields of architectural and interior design. Nermina is a co-author of two books and twenty articles and her research included architectural education, energy efficiency, ideological dimension of architecture and correlations between interior and urban design. As a founding partner and principal architect of Sarajevo-based architectural studio Firma, Nermina has co-authored than 90 architectural, interior and urban design projects since 2009, including several award-winning and internationally published projects. Nermina speaks English, Spanish and French.

Giovanni Bazzani



Giovanni Bazzani is an architect graduated at the Department of Architecture of the University of Ferrara (Italy) with master thesis focused on rehabilitation and enhancement of post-industrial landscape. Since 2016 he has been collaborating with Heriscapè - Heritage & Landscape Training & Consulting, working on different projects in the field of heritage conservation and enhancement, such as the definition of architectural guidelines and protection policies for the buffer zones of the UNESCO world heritage sites of Al Ain in UAE. During his work experience he developed his attitude for urban design with works on urban developments masterplans and projects for public urban space with special focus on urban mobility reorganization, development of sustainable mobility and resilient city-landscapes, working for example on the Parco del Mare project in Rimini from the urban planning stage to the detailed final project in the Northern area of the city. Since 2016 he is assistant professor in the Architectural Design Studio (LAP3) at University of Ferrara, studio held and coordinated by professor Alessandro Massarente.

Elena Guidetti



Elena Guidetti is an Architect and a PhD Candidate in *Architecture, History and Project* at Politecnico di Torino, and a member of *The Future Urban Legacy Lab*, the interdisciplinary research centre of PoliTo. Her PhD research focuses on defining, assessing and measuring the *Potential* in the Architecture field, involving the concepts of Embodied Energy and Flexibility. Until 2018 she keeps working both as freelance Architect and as teaching assistant in the Design Lab III at University of Ferrara. She takes part in the organization of the international workshops EARNs in Sarajevo and starts an ongoing collaboration. During 2017 she worked as intern in Zimoun Contemporary Art Studio in Bern, setting international exhibition -Paris, Aarhus, Appenzell- and developing some art-work prototypes. In 2017 she ended her Integrated Master degree at the Faculty of Architecture of Ferrara, with a thesis focused on the design strategies for a post-industrial site in Oporto -in collaboration with the Faculdade de Arquitectura do Porto- advised by Alessandro Massarente (UniFe) and Helder Casal Ribeiro (Faup).

Andrea Matta



Andrea Matta graduated with honors in Architecture in Parma (2013), with a thesis on the theme of urban and architectural redevelopment of a block situated in the district Oltretorrente in the same city. After participating in the Mastercampus urban regeneration project for the University campus and the entire strategic reorganization of the spaces of the same University (2014-2017). In 2015, he moves for a year to Porto where he studies at F.A.U.P., subsequently obtaining the Doctorate of Research in 2018 at the Department of Architecture and Engineering (DIA) of the University of Parma, with a thesis entitled "The experimental city of the campus. Form and urban role of the university campus in Europe". In the Portuguese city has way of entering into contact with some prominent personalities, including the architect and urban planner Nuno Portas who will provide an important contribution to research carried out on campus and city themes. In the meantime he takes part in various academic and professional experiences, including a competition international invitations to a new campus on the theme of social assistance architecture

ArcDesPress

ArchiLab didactic experiences

In 1995, on the initiative of Gianluca Frediani, ArcDes-design workshop was established as a study center within the Institute (now Department) of Architecture of the University of Ferrara.

Since 2005 Alessandro Massarente directs the **ArcDes Development of Integrated Architectural Design Programs for City, Environmental, Landscape** Research Laboratory within the Department of Architecture of the University of Ferrara.

During more than 20 years of activity, ArcDes carries out research activities through the integration and coordination of specialist skills in the areas of enhancement of urban areas and residential complexes, landscape evaluation of infrastructure, urban and territorial networks, complexes and buildings for culture and education, restoration and requalification of architectural and cultural heritage, enhancement and recovery of archaeological, industrial and rural heritage, even through exhibition and museum design.

ArcDes has developed specific skills carrying out basic and research activities, applied at local, national and international level:

- investigations, preliminary projects, feasibility studies, preliminary design documents, programs for grant, as essential elements for the preliminary design of enhancement interventions of urban areas, design of public buildings, recovery and restoration of cultural heritage;
- consultancy for design, through the coordination of specialistic skills;
- advertising, training and professional updating in the field of architectural and urban design methodologies through seminars, workshops, masters and advanced courses.

ArcDesPress is an editorial brand created in 2016 for the *Open Access* publication of books, monographs, multi-author volumes, exhibition catalogs, conference proceedings, focused on architectural and urban design themes in its multiple and complex interactions with the other disciplines related to the project.

The **ArcDesPress ArchiLab didactic experiences series** aims to document the most interesting teaching experiences, both in the context of university curricular courses and workshops -held on behalf of city and local government bodies- in collaboration with other national and international universities.



Development of integrated
Architectural Design Programs
for City, Environment, Landscape

Sarajevo University Campus reports the educational experience developed over two academic years by the Third Year Design Laboratory of the Department of Architecture of the University of Ferrara.

The work focuses on the development of design strategies for the former Marsala Tito in Sarajevo, proposing design approaches capable of converting the dismissed military area into a University Campus, following the current process underway by the local government.

The first section of the book collects the theoretical contributions both by professors and collaborators of the Architectural Design Lab III of the University of Ferrara and the professors of the University of Sarajevo involved in the two international workshops held in Sarajevo in 2018 and 2019.

The second section of the publication shows the projects developed by students of the Architectural Design Lab III, embracing the disparate design approaches, linked both to student's inclinations and educational methods of the professors of each project group.

This research work aims to be the first step, in a broad vision of international collaboration between the University of Ferrara and the University of Sarajevo, focusing both on the shared training of students and on the joint research of innovative approaches in the field of reuse, recovery and reconditioning of existing built environment.



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