

# Godišnjak studija arhitekture i urbanizma 2017./18.

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# GODIŠNJAK STUDIJA ARHITEKTURE I URBANIZMA

2017/18

STUDY OF  
ARCHITECTURE  
AND URBAN  
PLANNING  
YEARBOOK



GODIŠNJAK  
STUDIJA ARHITEKTURE I URBANIZMA

2017/18

STUDY OF ARCHITECTURE AND URBAN PLANNING  
YEARBOOK

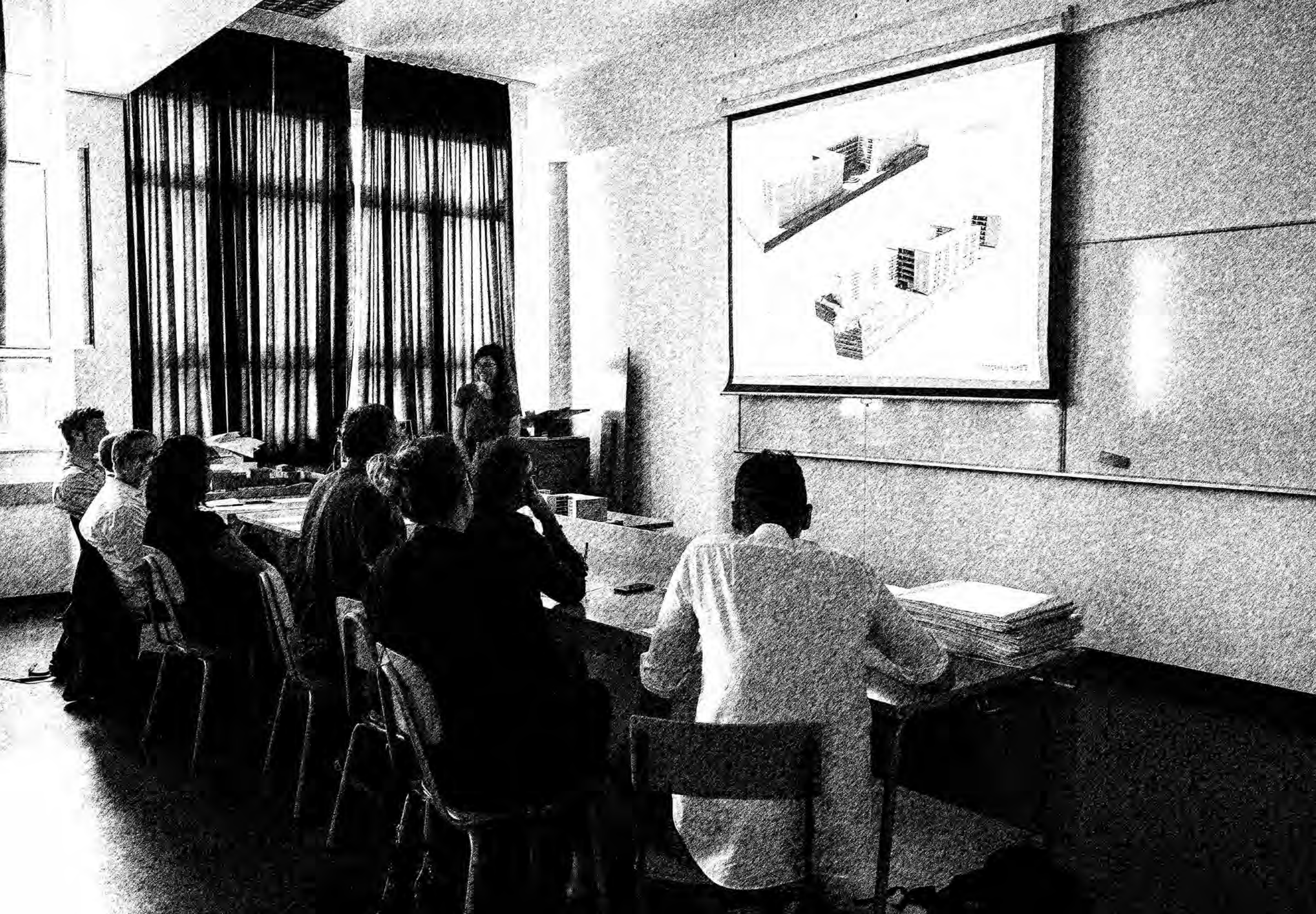
Fakultet građevinarstva, arhitekture i geodezije  
Sveučilište u Splitu

University of Split  
Faculty of Civil Engineering, Architecture and Geodesy

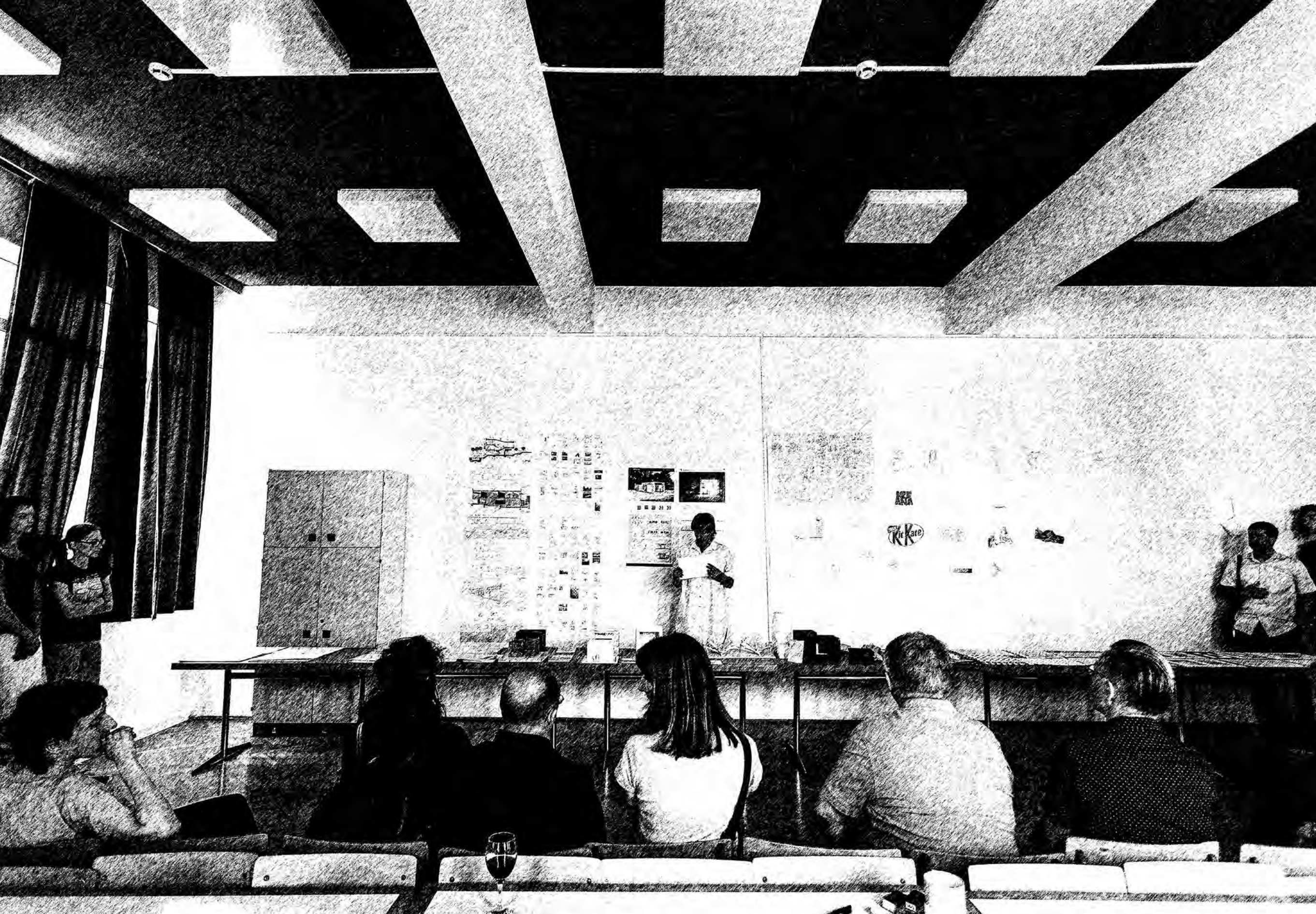
















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## UVODNA RIJEČ DEKANA

Izv. prof. dr. sc. Nikša Jajac

Dekan Fakulteta građevinarstva, arhitekture i geodezije

Fakultet građevinarstva, arhitekture i geodezije u Splitu jedna je od vodećih visokoškolskih ustanova u Hrvatskoj na kojoj se odvija znanstveno-istraživački, obrazovni i stručni rad u području tehničkih znanosti. Vjerujući da se najviši standardi tog rada dosežu otvorenom suradnjom svih relevantnih dionika, fakultet promiče kolaborativna istraživanja koja zadovoljavaju šire društvene potrebe te uključuju akademsku zajednicu, gospodarstvo i institucije na nacionalnoj i međunarodnoj razini. Osiguranje trajnog kontakta sa širom lokalnom sredinom i njenim potrebama od posebne je važnosti za Fakultet. Ostvarena znanstvena i umjetnička izvrsnost trajno obogaćuje nastavnu djelatnost na našim preddiplomskim studijima građevinarstva, arhitekture i urbanizma te geodezije i geoinformatike, kao i na diplomskim studijima građevinarstva te arhitekture i urbanizma, a poseban doprinos ostvaruje se kroz znanstveno istraživački rad poslijediplomskog doktorskog studija građevinarstva.

S velikim zadovoljstvom dočekujemo ovu 15. godišnju publikaciju studija Arhitektura i urbanizam koja dokumentira postignute standarde nastavnog procesa. Kreativna energija, svježina ideja i prostornih zamisli prikazana ovdje u studentskim radovima nudi snažan optimizam, neophodan za budući razvoj našeg društva i njegovog izgrađenog okoliša.

## DEAN'S STATEMENT

Associate Professor Nikša Jajac, PhD

Dean of the Faculty of Civil Engineering, Architecture and Geodesy

The Faculty of Civil Engineering, Architecture and Geodesy in Split is one of the leading higher education institutions in Croatia, which incorporates research, educational and professional activity in the field of technical sciences. Believing that the highest standards in these activities are attained through the open collaboration of all relevant stakeholders, the Faculty promotes collaborative research which meets the needs of the society at large and involves the academic community, the economy and the institutions on the national and international level. The establishment of continuous contact with the broader local environment and its needs is especially important to the Faculty. The attained research and artistic excellence permanently enriches the academic activity in our Civil Engineering, Architecture and Urban Planning and Geodesy and Geoinformatics undergraduate studies, as well as in our Civil Engineering and Architecture and Urban Planning graduate studies. Special contribution is also achieved through the research activities at our Civil Engineering postgraduate doctoral study.

It is with great pleasure that we welcome this 15<sup>th</sup> annual publication of the study of Architecture and Urban Planning which documents the attained standards of the academic process. The creative energy and fresh ideas and spatial concepts, as presented here in the works of our students, justify our staunch optimism, which is indispensable for the future development of our society and its built environment.

## PREDGOVOR

Prof. Ante Kuzmanić

Prodekan za studije arhitekture i urbanizma

Studij arhitekture i urbanizma pri Fakultetu građevinarstva, arhitekture i geodezije slavi 15 godina svoga angažmana u formiranju pedagoških, stručnih i društvenih standarda arhitektonskog poziva u gradu Splitu. Fakultet je formirao više od tri stotine arhitekata koji su već na svom putu produkcije prostora u gradu i šire. Prva generacija diplomirala je prije deset godina i već sigurno promatramo rezultate našeg rada. Nadam se da smo entuzijazam tih prvih godina stvaranja studija ugradili u nadolazeće generacije jer u današnjem trenutku, kada je povjerenje u struku poljuljano, njegova ponovna izgradnja predstavlja težak posao.

Splitski studij arhitekture uspostavljen je s inicijalnom težnjom da postane svojevrsan laboratorij u kojem se traži odgovor na pitanje: Što je to mediteranska arhitektura i mediteranski grad u 21. stoljeću? Kao jedan od inicijatora tog pothvata, sada već na pragu mirovine, budućim generacijama želim ostaviti upravo to pitanje u nasljeđe.

Do kuda smo u ovih 15 godina stigli u potrazi za tim odgovorom? Pa krenimo redom.

Nepobitno je da su se inicijalne programske i sadržajne postavke studija – planiranje i gradnja uz obalu, istraživanje starih gradskih jezgri i projektiranje u mediteranskom okruženju – kontinuirano istraživale i bile u fokusu interesa. Izdane su monografije, atlasi, napisani su doktorati i istraživački projekti. Postavljeni su

## FOREWORD

Professor Ante Kuzmanić

Vice Dean of the study of Architecture and Urban Planning

The study of Architecture and Urban Planning at the Faculty of Civil Engineering, Architecture and Geodesy is celebrating fifteen years of their engagement in the formation of pedagogical, professional and social standards of the architectural vocation in the city of Split. The Faculty has produced more than three hundred architects who are already on their way to shaping environment in the city and beyond. The first generation graduated ten years ago and we are undoubtedly already seeing the fruits of our labour. I hope that, in the upcoming generations, we have managed to instil the sense of enthusiasm that was present in the first years of the establishment of the study, because at the present moment, when confidence in the architectural profession has been shaken, its rebuilding presents a difficult endeavour.

The Split study of Architecture was established with the initial aspiration to become a kind of a laboratory in which to answer the question: What is Mediterranean architecture and the Mediterranean city in the 21<sup>st</sup> century? As one of the initiators of this venture, now on the threshold of retirement, I wish to leave this question to the future generations as inheritance.

How far have we come in our search for an answer to it in these fifteen years? Let us see... It is indisputable that the initial principles regarding the syllabus and content of the Split study – namely, those related to planning and building along the coast, exploring the old city centres and designing in the Mediterranean environment –

temelji za istraživački i znanstveni rad. Kvalitetan nastavni kadar izabran je od najproduktivnijih i najnagrađivanijih autora unutar čitave države. Neki od naših studenata osvojili su važne lokalne arhitektonsko-urbanističke natječaje, osnovali svoje urede i preuzeli odgovornost angažmanom unutar strukovnih udruženja. U njihovom arhitektonskom rukopisu osjeća se zajednički rad tima nastavnika. Interes za arhitekturu naše sredine, preko Dioklecijanove palače do poslijeratnog modernizma, omogućio nam je međunarodnu suradnju s eminentnim europskim i svjetskim autorima, sveučilištima i institucijama poput ETH Zürich, TU Wien, TU Delft, University of Tokyo, itd. Takve suradnje treba dalje razvijati, pri čemu, unatoč kroničnom nedostatku financijskih sredstava, trebamo nastaviti biti jednako kreativni kao što smo bili u tim pionirskim vremenima.

Sumiranje rezultata arhitektonskog djelovanja obično je obrnuto proporcionalno dinamici današnjeg vremena i tehnologijama koje ga prate. U 15 godina se promijenio čitav diskurs u arhitekturi. Nakon vremena investicijskih zaleta i *zvjezdane* produkcije arhitekata čije smo *tragove na nebu slijedili*, osvjestili smo kao struka duboku krizu nemogućnosti ostanka na planetu po istim pravilima. Ulaskom u Europsku uniju, ključne teme u edukaciji, projektiranju i planiranju postaju održivost, energetska bilanca, zelena gradnja, pametni gradovi. Urbanizam i planiranje u svjetlu održivosti postaju globalni interesi struke, pa u tom smislu i naš studij razvija svoj program urbanizma. Smatram da je za bolju budućnost grada Splita ključno da Fakultet koristi stvoreni intelektualni kapital, kapacitete mladih arhitekata, kao i iskustvo i odgovornost starijih, kako bi preuzeo vodeću ulogu u dijalogima o urbanističkom planiranju prostornih resursa Splita, otoka, Zagore, Dalmacije, Hrvatske i Europe.

have been continually explored and in the focus of interest. Monographs and atlases have been published, doctoral theses and research projects written. The foundations for research and scientific work have been laid. A quality teaching staff has been selected from the most productive and award-winning authors throughout the country. Some of our students have won important local architectural and urban planning competitions, set up their offices and taken responsibility through engagement within professional associations. In their architectural work, one can feel the spirit of teamwork of a group of professors. The interest in the architecture of our environment, from Diocletian's palace to post-war modernism, has led to international cooperation with eminent European and world authors, universities and institutions such as ETH Zürich, TU Wien, TU Delft, University of Tokyo etc. Such cooperation needs to be further developed, where, despite the chronic lack of financial resources, we must continue to be as creative as we were in those pioneering times.

Summing up the results of architectural activity is usually inversely proportional to the dynamics of today's time and the technologies that accompany it. In just fifteen years, the whole discourse in architecture has changed. After a period of investment spurts and the stellar production of architects whose brilliance guided us all, we became aware of the deep crisis resulting from the unlikelihood of our profession's survival under the same rules. After joining the European Union, key topics in education, design and planning became sustainability, energy balance, green building, smart cities. Urban design and planning in the light of sustainability have become global interests of the profession. In this sense, our study has been developing its urban planning programme. I believe that, for the better future of the city of Split, it is essential that the Faculty uses the created intellectual capital, the capacities of young architects, as well as the experience and responsibility of the senior architects, in

Težak je to zadatak. Kako postaviti kriterije i smjernice za disciplinu koja se na ovim prostorima u posljednjim desetljećima polako povlači? Raspustili smo urbanističke institucije, a urbanistički planovi su, umjesto uloge pokretača razvoja, postali ništa drugo doli administrativne prepreke razvoju. Ipak, potencijal za iskorak leži u suradnji Fakulteta, kao znanstvene i stručne institucije, i jedinica lokalne samouprave. Nekoliko studentskih radionica koje su se odvale u takvoj suradnji pokazale su mogućnosti. Na primjer, zahvaljujući semestralnoj radionici u suradnji s lokalnom samoupravom Općine Kostrena izradili smo podlogu prostornog plana Kostrene, u kojoj se kroz studentsku ideju nasutog tunela iznad Jadranske magistrale pronašao način spajanja nove i stare Kostrene. Ili, semestralne radionice u suradnji sa Zadarskom županijom u sklopu kojih su studenti izradili niz rješenja dogradnji područnih škola na konkretnim lokacijama. Slične suradnje posebno želimo intenzivirati s Gradom Splitom, smatrajući da se na taj način može graditi bolja budućnost Splita, a s njime i našeg studija. Takav konstruktivan i produktivan napor očekuje se od akademske institucije koja okuplja najbolje inženjere i znanstvenike problematiziranog područja.

Kako se nastaviti baviti potragom za održivim gradom 21. stoljeća? Koji nas zadaci čekaju? Kako se pripremiti? Na tom tragu, uskoro ulazimo u realizacijsku fazu projekta INFRA u sklopu kojeg se očekuje i novi Laboratorij za implementaciju suvremenih tehnologija u arhitekturi, čija će nam oprema omogućiti da brže, bolje i fleksibilnije nego do sada, uhvatimo korak sa suvremenim tehnologijama i programskim alatima. Uz ostalo, realizirat će se i nova maketarnica, toliko neophodna za naš studij.

order to take a leading role in the dialogues on the urban planning of the spatial resources of Split, the islands, the Dalmatian hinterland, Dalmatia, Croatia and Europe.

It's a tough task. How do we set the criteria and guidelines for a discipline that has been slowly abandoned in these regions over the last decades? We have dismantled the urban development institutions and urban development plans have become, instead of the driving forces of development, nothing but administrative obstacles to that same development. Nevertheless, the potential for progress lies in the cooperation between the Faculty, as a scientific and professional institution, and the local self-government units. Several student workshops that took place in such cooperation proved to be promising. For example, thanks to a semestral workshop realised in cooperation with the local self-government of Kostrena, we created the background to the Kostrena master plan, where the students' idea of a tunnel above the Adriatic Highway provided a solution for connecting the new and old parts of Kostrena. Furthermore, in semestral workshops in cooperation with the Zadar County, students developed a series of solutions for extensions of certain regional schools. We would especially like to intensify similar cooperation with the City of Split, as we believe that together we can build a better future for the city, and with it, for our study. Such constructive and productive efforts are expected from an academic institution that gathers the best engineers and scientists of the field in question.

How do we continue our search for the sustainable city of the 21st century? What are the tasks that await us? How do we prepare for them? With a view to these questions, we will soon be entering the realisation phase of the INFRA project, within which we plan to have a new Laboratory for the Implementation of Modern Technologies in Architecture, the equipment of which will enable us to catch up with modern

Ipak, od sveg tog "ažuriranja" važnije je građenje zajedništva i odnosa unutar Kuće. Pod tim mislim da kroz dijalog o svim temama treba pronaći put za dalje. Potraga za bilo kojim odgovorom, pa tako i odgovorom na temeljna pitanja o razvoju mediteranskog grada, ugrađena u inicijalne postavke našeg studija, zahtijeva zajednički rad. Neki to zovu interdisciplinarnošću. Ja bih se zadržao na pojmu zajedničkog rada. Snažna kohezija svih katedri i studija, ne samo diplomskog i preddiplomskog studija arhitekture i urbanizma već i studija građevinarstva, geodezije, kao i drugih sastavnica sveučilišta, jedini je put do odgovora.

Kroz ovaj godišnjak mogu se sagledati osnovne postavke studija, podcrtane pri njegovom osnivanju, te uvidjeti dosezi rada naših profesora, asistenata i studenata. Ipak, ovaj godišnjak nije samo ogledalo ostvarenih rezultata nego i prizma kroz koju treba tumačiti put za budućnost. Za ovih 15 godina intenzivnog putovanja, od osnivanja i usmjeravanja studija, do ovog trenutka u kojem smo sada, želim iskazati poštovanje i zahvalnost velikom trudu svih ljudi koji su u ovu instituciju uložili svoj rad, vrijeme i trud, te im čestitati na hrabrosti i odgovornosti koju su preuzeli. Vjerujem da će s tom istom energijom i odgovornošću nastaviti razvijati ovaj studij. Na kraju, posebna zahvala urednicama Sanji Matijević Barčot i Ani Grgić te svim nastavnicima i studentima koji su dali svoj doprinos kako bi se došlo do knjige koja vam je u rukama.

technologies and software tools in a manner that's faster, better and more flexible than ever before. In addition, a new model-building room, so essential to our study, will also be built.

However, building community and relationships within the Faculty is more important than all of this "updating". What I wish to say by this is that, through a dialogue on all topics, we should find a way forward. The search for any answer, and thus also for the answers to the questions about the development of a Mediterranean city which are fundamental to our study, requires a joint endeavour. Some call it an interdisciplinary approach. I would insist on the notion of joint endeavour. The strong cohesion of all university departments and studies, not only of the graduate and undergraduate study of Architecture and Urban Planning, but also of the studies of Civil Engineering, Geodesy and other components of the university, is the only way to finding the answers.

Through this yearbook, we can see the fundamental principles of the study, underlined at its founding, and the achievements of our professors, assistants and students. Nevertheless, this yearbook represents not just a mirror of the results achieved, but also the prism through which to interpret the path of the future. I wish to express my appreciation and gratitude for the great effort of all the people who have invested their work, time and efforts in this institution, and congratulate them on the courage and responsibility which they have exhibited in these fifteen years of an intense journey, since the establishment and setting of the direction for the study, until the moment in which we find ourselves now. I believe that we will continue to develop this study with the same energy and responsibility as before. Finally, I would like to extend my gratitude to the editors Sanja Matijević Barčot and Ana Grgić, and to all the teachers and students who have given their contribution, so that the book you're holding in your hands could be published.

Splitski studij arhitekture i urbanizma od samog početka svog djelovanja uspostavlja tradiciju godišnjih publikacija, isprva u formi kataloga završne studentske izložbe, a od 2007./08. godine u formi godišnjaka. Tako vrijedan i značajan kontinuitet uspostavljen zalaganjem njegovih dosadašnjih urednika prof. Darovana Tušeka i izv. prof. Roberta Plejića, u redizajniranom formatu nastavlja se i godišnjakom za akademsku godinu 2017./18. Naslanjajući se na koncepte prethodnih godišnjaka te koristeći okolnosti obljetničkog broja, uredništvo ovogodišnje publikacije proširuje dosadašnju agendu godišnjaka vodeći se dvjema dodatnim intencijama.

Prva intencija uredništva je da ovogodišnja publikacija bude cjeloviti i egzaktni prikaz edukacijskog procesa na preddiplomskom i diplomskom studiju. Ta je namjera proizašla iz spoznaje da takav pregled, neophodan u kontaktima s domaćim i međunarodnim partnerima, nije recentno publiciran. Pregled obuhvaća prikaz ustroja i strukture preddiplomskog i diplomskog studija, međutim, ne zaustavlja se na taksonomskom nizanju kolegija i opisa njihovih sadržaja, već kroz detaljnije prikaze relevantnih semestralnih zadataka i studentskih radova, prezentira različite metode, pristupe i rezultate edukacijskog procesa te dokumentira aktualne preokupacije i dosege u razvoju arhitektonske misli. Osim prikaza neposrednog nastavnog procesa, u zasebnom poglavlju okupljene su vrlo značajne edukacij-

#### **A WORD FROM THE EDITORS**

**Assistant Professor Sanja Matijević Barčot, PhD**

**Assistant Professor Ana Grgić, PhD**

Since the very beginning of its activities, the Split study of Architecture and Urban Planning has been creating a tradition of annual publications, which were published first in the form of final student exhibition catalogues, and since the academic year 2007/08, in the form of yearbooks. This valuable and significant continuity, which was established thanks to the dedication of the publications' former editors, Professor Darovan Tušek and Associate Professor Robert Plejić, is reflected in the yearbook for the academic year 2017/18, published in a redesigned format. Based on the concepts of the earlier yearbooks and on the anniversary character of this issue, the editors of this year's publication have broadened its purpose to reflect two additional intentions.

The first intention of the editors was to make this year's publication a comprehensive and accurate overview of the academic processes of at the undergraduate and graduate study. This intention arose from the realisation that no such overviews have been published recently, indispensable as they are in contacts with local and international partners. The overview covers the organisation and structure of the undergraduate and graduate study, but it does not boil down to a taxonomic enumeration of the courses and a description of their content. Rather, the detailed descriptions of relevant semestral assignments and students' works the publication contains are used to present the different methods, approaches and results of the educational process and document the current preoccupations

ske aktivnosti koje studij ostvaruje kroz suradnje na međunarodnim projektima, u sklopu javnih programa i studentskih radionica koje inicira ili u njima sudjeluje. U jednom od poglavlja predstavljen je novelirani nastavni program koji se počeo provoditi od ove akademske godine, dok završno poglavlje- ljetopis, prema formatu uspostavljenom u dosadašnjim godišnjacima, kronološki popisuje sve važnije događaje na studiju u protekloj akademskoj godini.

Uz intenciju da ovaj godišnjak ponudi cjeloviti prikaz nastavnog procesa, druga intencija uredništva je inventuru kakva se očekuje od obljetničkog broja pretvoriti u dijalog o studiju, i to kroz razgovor s njegovim prodekanima. Taj razgovor predstavlja svojevrsnu retrospekciju prošlosti studija, ali i daje ulazne premise za neku buduću debatu o njenoj sadašnjosti i budućnosti.

and achievements in the development of architectural thought. Apart from an overview of the immediate academic process, the yearbook contains a separate chapter dedicated to significant educational activities within the study, realised through collaboration on international projects and as part of public programmes and student workshops, which the Faculty initiates and participates in. One of the chapters is dedicated to the amended syllabus whose implementation began this academic year, while the final chapter, Almanac, contains a chronological list of all the major events of the study in the past academic year, in accordance with the format defined for the previous yearbooks.

Along with providing a comprehensive overview of the academic process, the intention of the yearbook's editors is to turn the looking back, expected of an anniversary issue, into a dialogue on the study through discussion with its vice-deans. The discussion represents a kind of retrospection of the study, while also providing the initial premises for a future discussion of the study's present and future.





# PREDDIPLOMSKI SVEUČILIŠNI STUDIJ ARHITEKTURA I URBANIZAM

GODIŠNJAK STUDIJA ARHITEKTURE I URBANIZMA 2017/18.

Preddiplomski sveučilišni studij Arhitektura i urbanizam traje 3 godine te pokriva nastavna područja arhitektonskog projektiranja, konstrukcije i tehnologije, urbanizma te povijesti arhitekture i umjetnosti. U sklopu studija stječe se 180 ECTS bodova, a njegovim završetkom stječe se akademski naziv sveučilišni prvostupnik/prvostupnica inženjer/inženjerka arhitekture i urbanizma.

# UNDERGRADUATE UNIVERSITY STUDY OF ARCHITECTURE AND URBAN PLANNING

STUDY OF ARCHITECTURE AND URBAN PLANNING YEARBOOK 2017/18

The undergraduate university study of Architecture and Urban Planning lasts 3 years and covers an extensive academic area of architectural design and construction, urban planning, engineering disciplines and history of architecture. Upon its completion, the students acquire 180 ECTS credits and the academic title of Bachelor of Architecture and Urban Planning.

OSNOVE  
ARHITEKTONSKOG  
PROJEKTIRANJA 1  
INTRODUCTION  
TO ARCHITECTURAL  
DESIGN 1  
**2+3 | 6**

OSNOVE  
ARHITEKTONSKOG  
PROJEKTIRANJA 2  
INTRODUCTION  
TO ARCHITECTURAL  
DESIGN 2  
**2+3 | 6**

RADIONICA  
ARHITEKTONSKOG  
PROJEKTIRANJA 1  
ARCHITECTURAL  
DESIGN  
WORKSHOP 1  
**2+4 | 10**

RADIONICA  
ARHITEKTONSKOG  
PROJEKTIRANJA 2  
ARCHITECTURAL  
DESIGN  
WORKSHOP 2  
**2+4 | 10**

RADIONICA  
ARHITEKTONSKOG  
PROJEKTIRANJA 3  
ARCHITECTURAL  
DESIGN  
WORKSHOP 3  
**2+4 | 10**

RADIONICA  
ARHITEKTONSKOG  
PROJEKTIRANJA 4  
- ZAVRŠNI RAD  
ARCHITECTURAL DESIGN  
WORKSHOP 4  
- FINAL WORK  
**2+6 | 16**

TIPOLOGIJA I FORMA U ARH. 1  
TYPOLOGY AND FORM IN ARCH. 1  
**2+0 | 2**

TIPOLOGIJA I FORMA U ARH. 2  
TYPOLOGY AND FORM IN ARCH. 2  
**2+0 | 2**

CRTANJE 1  
DRAWING 1  
**0+2 | 3**

CRTANJE 2  
DRAWING 2  
**0+2 | 3**

UPORABA RAČUNALA U ARH. 1  
COMPUTER - AIDED ARCH. DESIGN 1  
**0+2 | 2**

UPORABA RAČUNALA U ARH. 2  
COMPUTER - AIDED ARCH. DESIGN 2  
**0+2 | 2**

TIPOLOGIJA I FORMA U ARH. 3  
TYPOLOGY AND FORM IN ARCH. 3  
**2+0 | 2**

TIPOLOGIJA I FORMA U ARH. 4  
TYPOLOGY AND FORM IN ARCH. 4  
**2+0 | 2**

URBANIZAM 1  
URBAN PLANNING 1  
**2+2 | 6**

OSNOVE PROJICIRANJA 1  
PRINCIPLES OF PROJECTIONS 1  
**2+2 | 5**

OSNOVE PROJICIRANJA 2  
PRINCIPLES OF PROJECTIONS 2  
**2+2 | 5**

OBLIKOVANJE  
VISUAL DESIGN  
**0+5 | 2**

OSNOVE URBANIZMA  
INTROD. TO URBAN PLANNING  
**2+0 | 2**

ARHITEKTONSKA PREZENTACIJA  
ARCHITECTURAL PRESENTATION  
**0+5 | 2**

POVIJEST URBANE FORME  
HISTORY OF URBAN FORM  
**2+0 | 2**

POVIJEST ARH. I UMJETNOSTI 1  
HISTORY OF ARCHITECTURE  
AND ART 1  
**4+0 | 4**

POVIJEST ARH. I UMJETNOSTI 2  
HISTORY OF ARCHITECTURE  
AND ART 2  
**4+0 | 4**

POVIJEST ARH. I UMJETNOSTI 3  
HISTORY OF ARCH. AND ART 3  
**2+0 | 2**

ELEMENTI ZGRADA 1  
BUILDING ELEMENTS 1  
**2+2 | 4**

ELEMENTI ZGRADA 2  
BUILDING ELEMENTS 2  
**2+2 | 4**

ELEMENTI ZGRADA 3  
BUILDING ELEMENTS 3  
**2+2 | 4**

ELEMENTI ZGRADA 4  
BUILDING ELEMENTS 4  
**2+2 | 4**

SUVREMENA ARHITEKTURA 1  
CONTEMPORARY ARCHITECTURE 1  
**2+0 | 2**

OSNOVE NOSIVIH KONSTRUKCIJA 1  
BASIS OF STRUCTURES 1  
**2+2 | 6**

OSNOVE NOSIVIH KONSTRUKCIJA 2  
BASIS OF  
STRUCTURES 2  
**2+2 | 6**

NOSIVE KONSTRUKCIJE 1  
LOAD-BEARING STRUCTURES 1  
**3+2 | 6**

NOSIVE KONSTRUKCIJE 2  
LOAD-BEARING STRUCTURES 2  
**3+2 | 6**

INSTALACIJE  
BUILDING INSTALLATIONS  
**2+2 | 4**

FIZIKA ZGRADE  
BUILDING PHYSICS  
**2+2 | 2**

SOCIO-URBANA ISTRAŽ. PROSTORA  
SOCIO-URBAN RESEARCH OF SPACE  
**2+0 | 2**

PLANIRANJE I ORG. GRAĐENJA  
CONSTR. PLANNING AND MANAG.  
**2+2 | 2**

POVIJEST ARH. I UMJETNOSTI 4  
HISTORY OF ARCH. AND ART 4  
**2+0 | 2**

MATEMATIKA 1  
MATHEMATICS 1  
**1+1 | 2**

MATEMATIKA 2  
MATHEMATICS 2  
**1+1 | 2**

GRAD. PROMETNE POVRŠINE I OBJEKTI  
URBAN TRAFFIC AREAS AND OBJ.  
**2+0 | 2**

SUVREMENA ARHITEKTURA 2  
CONTEMPORARY ARCH. 2  
**2+0 | 2**

**OSNOVE PROJICIRANJA 1**

doc. dr. sc. Neda Lovričević

## PREDAVANJA I VJEŽBE

Na kolegijima OP1 i OP2 studenti stječu sposobnost za dvosmjernu zornu komunikaciju između 3D-objekata u prostoru i arhitektonskog crteža na 2D-podlozi, prepoznavanje zakonitosti pojedinih metoda projiciranja te njihovu primjenu u konstruktivnim zadaćama, neovisno o korištenim alatima za vizualizaciju. Projiciranje elemenata 3D-prostora na 2D-podlogu predstavlja glavninu sadržaja ovog kolegija. Na kolegiju OP1 ono se većinom obrađuje Mongeovom metodom paralelnog ortogonalnog projiciranja. U skladu s njenim zakonitostima predočavaju se osnovni geometrijski elementi, kao i složenije geometrijske tvorevine, analiziraju se i iščitavaju u projekcijama njihovi prostorni položajni odnosi i metrika, što kulminira konstrukcijom ravninskih projekcija raznih geometrijskih tijela. U istoj metodi se nadalje konstruktivno realiziraju i presjeci ploha drugog stupnja ravninama te se obrađuju svojstva i uloga vitoperih ploha u arhitekturi. Općenitiji koncept kosog paralelnog projiciranja realizira se različitim aksonometrijskim metoda, kao što je ortogonalna aksonometrija s konkretnom primjenom kod objekata nadsvodenima kupolama.

**OSNOVE PROJICIRANJA 2**

doc. dr. sc. Maja Andrić

## PREDAVANJA I VJEŽBE

Nastavljajući se na sadržaj kolegija OP1, u sklopu ovog kolegija obrađuju se prostorni poligoni, prostorno-lučne kombinacije i prodorne krivulje ploha drugog reda. Naglasak je pritom na prodorima koji se javljaju u arhitekturi kod nekih svodova (bačvasti i križni svodovi, razne kupole). Zatim se obrađuju sjene objekata, njihove konstrukcije kod paralelne rasvjete, tj. prirodne (sunčeve) rasvjete: vlastita i bačvena sjena objekata te sjena bačvena u šuplje objekte. Dio sadržaja kolegija koji obuhvaća topografske plohe, trasiranje i osnovne prometnice, omogućuje

primjenu metode slojnica pri rješavanju prometnica. Druga polovina gradiva odnosi se na centralno projiciranje – perspektivu. Uz zadavanje zakonitosti pri odabiru odredbenih elemenata metode, konstruiraju se perspektivne slike objekata u općim i posebnim položajima. Pritom se uz odabir izvora svjetla konstruira i njihova sjena u perspektivi. Naglasak je na najčešćim metoda konstrukcije perspektivnih slika objekata u arhitekturi uz neke primjene kao što su stereoskopska projekcija i anaglifska perspektiva.

**CRTANJE 1 + 2**

doc. Ana Kuzmanić (voditeljica kolegija)

Tina Vukasović, Damjan Barić

## VJEŽBE

Tijekom dva semestra studenti razvijaju sposobnost vizualne percepcije, analize i artikulacije vizualnog podražaja te uče vizualno razmišljati i izražavati se jezikom vizualnog govora – crtežom. Prvi dio vježbi obuhvaća crtanje po promatranju i na njima se studenti upoznaju s osnovnim odnosima u procesu crtanja te osvještavaju crtanje kao stvaralački proces. Drugi dio vježbi orijentiran je na ideju da crtanjem možemo razvijati, bilježiti i komunicirati ideje te da crtež može postati alat u procesu razvoja arhitektonskog koncepta. Cilj je da putem različitih pristupa crtanju studenti osvijeste vrste vizualnog jezika koje nose različite mogućnosti izražavanja.

\* detaljnije na str. 58. - 65.

**OBLIKOVANJE**

doc. Ana Kuzmanić (voditeljica kolegija)

Tina Vukasović, Damjan Barić

## VJEŽBE

Kolegij se sastoji od više dvotjednih vježbi tijekom kojih se studenti upoznaju s osnovnim elementima forme i njihovom ulogom u vizualnom i prostornom oblikovanju. U prvom dijelu semestra oblikovanjem dvodimenzionalnih kompozicija studenti uče prepoznati, analizirati i samostalno artikulirati osnovne elemente plošne kompozicije (točka, linija, ploha) te se upoznaju s osnovama teorije

**PRINCIPLES OF PROJECTIONS 1**

Assistant Professor Neda Lovričević, PhD

## LECTURES AND PRACTICAL EXERCISES

In courses PP1 and PP2, the students acquire the ability to establish a clear bidirectional communication between 3D objects in space and an architectural drawing on a 2D background, to identify the underlying principles of specific projection methods and apply them in construction assignments, regardless of the tools used for visualization. The projection of elements of 3D space onto a 2D background represents the main part of the course. In the PP1 part of the course, this is primarily performed using Monge's method of parallel orthogonal projection. In accordance with the method's principles, basic geometric elements and more complex geometric forms are visualized and their positional relations in space and metrics are analyzed, which culminates in the construction of planar projections of various geometric solids. The same method is further used to construct planar sections of second-order surfaces and examine the characteristics and the role of warped surfaces in architecture. The more general concept, i.e. oblique parallel projection employs various axonometric methods, such as orthogonal axonometry, specifically used in connection with some dome-vaulted structures.

**PRINCIPLES OF PROJECTIONS 2**

Assistant Professor Maja Andrić, PhD

## LECTURES AND PRACTICAL EXERCISES

As a continuation of PP1, this course covers spatial polygons, spatial arch combinations and intersection curves of two solids (cones, cylinders and spheres). Intersections appearing in architecture (arch constructions) are covered in more detail. Other course topics include shades and shadows of various objects using the orthogonal constructions. Further on, topographic maps are analyzed together with draw cuts and fills along a level or grade road. The second half of the course material concerns central projection (perspective) for solving 2D and 3D problems. Students use several methods to construct

perspective images of objects given by Monge's projection. Also, shades and shadows of objects are drawn in perspective. The focus of this part of the course is on the most widely used methods of constructing perspective images of objects in architecture, along with the application of different methods such as stereoscopic projection and anaglyph perspective.

**DRAWING 1 + 2**

Assistant Professor Ana Kuzmanić (course supervisor), Tina Vukasović, Damjan Barić

## PRACTICAL EXERCISES

During the course of two semesters, through a series of assignments, the students develop the ability of visual perception, as well as that of analyzing and articulating visual stimuli. They train to think and express themselves in terms of the visual language. The first part of the practical exercises includes observation-based drawing, during which students explore the basic relations pertaining to the drawing process and perceive drawing as a creative process. The second part of the practical exercises is centered around the idea of drawing as a way of developing, recording and communicating ideas, as well as around the idea of the drawing as a tool in the process of developing the architectural concept. The objective of the course is to familiarize the students, through the use of different approaches to drawing, with the various types of visual language which enable a number of modes of expression.

\* More information on page 58 - 65

**VISUAL DESIGN**

Assistant Professor Ana Kuzmanić (course supervisor), Tina Vukasović, Damjan Barić

## PRACTICAL EXERCISES

The course consists of practical exercises divided into several two-week series, through which the students are introduced to the basic elements of form and to their role in visual and spatial design. In the first part of the semester, by designing two-dimensional compositions, the students learn to identify,

boje i geštalt psihologije. Drugi dio semestra bavi se pitanjem transformacije plohe u trodimenzionalne strukture. Manipulacijom lista papira, naizgled jednostavnim metodama kao što su savijanje i rezanje, ploha se transformira u različite prostorne kompozicije i objekte. Metoda oblikovanja pritom diktira pravila stvaranja forme, a studenti praktičnim radom uče o zakonitostima geometrije. U završnoj seriji zadataka transformacijom, manipulacijom i dekompozicijom zadanih trodimenzionalnih formi studenti oblikuju i stvaraju nove forme.

\* detaljnije na str. 66. - 71.

## ARHITEKTONSKA PREZENTACIJA

izv. prof. Vanja Ilić (voditeljica kolegija)

doc. Ana Kuzmanić, Branka Juras,  
Andrija Vrdoljak

### PREDAVANJA I VJEŽBE

Kolegij se fokusira na elemente i tehnike prezentacije arhitektonskog projekta. U sklopu jedinstvenog zadatka, studenti se potiču na korištenje različitih tehnika i medija za prezentaciju pojedinih faza razvoja projekta: koncept (skice, dijagrami, prostorne sheme, kolaži), nacrti (tlocrti, presjeci, pročelja), prikazi scenarija korištenja (sheme, skice, dijagrami), 3d vizualizacije (perspektivni prikazi, aksonometrije). Od studenata se očekuje istraživanje različitih mogućnosti primjene računalne grafike u projektiranju i modeliranju. Zadatak također uključuje i izradu fizičkog modela u više radnih varijanti, kao i konačne prezentacijske makete, a studenti savladavaju i vještinu njenog fotografiranja. Grafički senzibilitet i vještine dalje se razvijaju izradom logotipa projekta uz pripadajuću knjižicu i plakat te izradu cjelovite digitalne prezentacije ili animacije. Završni rad uključuje kompletan prezentacijski grafički materijal oblikovan u tiskanu knjižicu te maketu i multimedijalnu prezentaciju uz javno predstavljanje radova gostima kritičarima iz područja arhitekture i grafičkog dizajna.

\* detaljnije na str. 72. - 75.

## UPORABA RAČUNALA U ARHITEKTURI 1 + 2

prof. Dario Gabrić (voditelj kolegija)

Mario Tomić

### PREDAVANJA I VJEŽBE

Tijekom dva semestra u sklopu kolegija URA1 i URA2, studenti se upoznaju s mogućnostima primjene kompjuterske grafike u projektantskoj praksi te stječu osnovna znanja i vještine za njihovo korištenje u svim fazama izrade projektne dokumentacije. Kolegij URA1 usmjeren je na upoznavanje s radom na programima za dvodimenzionalnu vektorsku grafiku (CAD programi) te na rasterskim programima za obradu slike, dok kolegij URA2 studente dalje upoznaje s mogućnostima 3D-modeliranja te im omogućava stjecanje osnovnih znanja i sposobnosti potrebnih za rad u nekim od najraširenijih programskih platformi i aplikacija za 3D-modeliranje (ARCHI CAD, REVIT, ARHIPLAN) i izradu vizualizacija (ARTLANTIS, 3D MAX, LUMION).

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analyze and independently articulate the basic elements of a planar composition (the point, the line, the plane) and they are introduced to the elements of color theory and Gestalt psychology. In the second part of the semester, the course focuses on transforming planes into three-dimensional structures. By manipulating a sheet of paper through seemingly simple methods such as folding or cutting, the plane is transformed into various spatial compositions and objects. The rules of modelling depend on the modelling method, and the students learn the laws of geometry through practical work. In the final series of assignments, students use transformation, manipulation and decomposition of assigned three-dimensional forms to model and create new ones.

\* More information on page 66 - 71

## ARCHITECTURAL PRESENTATION

Associate Professor Vanja Ilić

(course supervisor), Assistant Professor Ana Kuzmanić, Branka Juras, Andrija Vrdoljak

### LECTURES AND PRACTICAL EXERCISES

The course focuses on the elements and techniques of presenting an architectural project. Through a comprehensive assignment, the students are encouraged to use different techniques and media to present each of the phases of project development: the concept (sketch drawings, diagrams, spatial schemas, collages), drawings (plans, sections, elevations), proposed scenarios (schemes, sketches, diagrams), 3D visualizations (perspective drawings, axonometric drawings). The students are expected to explore different possibilities of using computer graphics in design and modelling. The assignment also includes the making of several working versions of a physical model, as well as of the final presentation model. Graphic sensibility and skills are further developed by creating the project logo and the accompanying booklet and poster, as well as by preparing a comprehensive digital presentation or animation. The final project for the course consists of the complete graphic presentation material: printed booklet, physical model of a project and a multimedia public presentation given to guest critics from the field of architecture and graphic design.

\* More information on page 72 - 75

## COMPUTER - AIDED ARCHITECTURAL DESIGN 1 + 2

Professor Dario Gabrić (course supervisor)

Mario Tomić

### LECTURES AND PRACTICAL EXERCISES

The semester-long courses CAAD1 and CAAD2, cover fundamentals of computer aided design. The objective of these courses is to equip the students with the basic knowledge and skills required for use of computer graphics in each of the phases of design documents preparation. The CAAD1 course is focused on the two-dimensional vector graphics (CAD) software and raster graphics software for image editing, while CAAD2 course seeks to expand the students' knowledge of 3D-modelling possibilities and equip them with the basic knowledge and skills required for working with some of the most widely-used software platforms and apps for 3D-modelling (ARCHI CAD, REVIT, ARHIPLAN) and visualization (ARTLANTIS, 3D MAX, LUMION).

**OSNOVE ARHITEKTONSKOG PROJEKTIRANJA 1**

doc. Lea Pelivan (voditeljica kolegija)  
doc. dr. sc. Sanja Matijević Barčot,  
Silvija Ivanišević, Dujam Ivanišević

**PREDAVANJA I VJEŽBE**

Kolegij OAP1 serijom predavanja studente upoznaje s procesom arhitektonskog projektiranja te ih, paralelno, serijom kraćih, ali intenzivnih projektantskih zadataka potiče na istraživanje i promišljanje fundamentalnih elemenata projektantske discipline. Studenti se potiču da koriste i razvijaju znanja iz drugih umjetničkih disciplina u traženju inspiracije za različite, provokativne artikulacije arhitektonskog prostora. U metodi rada poseban je naglasak stavljen na korištenje fizičkog modela kao esencijalnog alata u projektantskom procesu te se od studenata očekuje da svoju arhitektonsku ideju u svim fazama razvijaju putem makete.

\* detaljnije na str. 76. - 81.

**OSNOVE ARHITEKTONSKOG PROJEKTIRANJA 2**

doc. Lea Pelivan, doc. Dinko Peračić (voditelji kolegija)  
doc. dr. sc. Sanja Matijević Barčot,  
Silvija Ivanišević, Dujam Ivanišević,  
Andrija Vrdoljak

**PREDAVANJA I VJEŽBE**

Program kolegija OAP2 proširuje pedagošku agendu kolegija OAP1 uvodeći u zadatke parametre lokacije i programa. Studenti se upoznaju s metodologijom analize lokacije, programa, potreba korisnika te se potiču da analitičke ishode sintetiziraju i uključuju u razvoj arhitektonske ideje. Tijekom semestra studenti rade na više zadataka koji ih na različite načine potiču na promišljanje isprepletenog odnosa između mjesta, prostora i forme. Rad na zadacima praćen je tematskim predavanjima. Maketa i dalje ostaje ključan alat u razvoju arhitektonske ideje, a od studenata se očekuje razvijanje vještine arhitektonskog crteža koji se koristi i kao analitički i kao prezentacijski alat.

\* detaljnije na str. 82. - 85.

**TIPOLOGIJA I FORMA U ARHITEKTURI 1**

prof. Emil Šverko

**PREDAVANJA**

TiFA1 inicira komparativnu platformu, koja će se dalje razvijati kroz kolegije TiFA2 – TiFA4, a koja standardni faktografski povijesni pregled arhitektonskih tipova studentima predočava na konceptualnoj razini, upućujući ih na suvremene i povijesne primjere arhitekture koji dijele isti arhitektonski koncept. Drugim riječima, studenti se potiču da razviju refleks za prepoznavanje strukturne sličnosti “nekad i sad”, odnosno da usvoje pojam vremenske transkripcije arhitektonske pojavnosti. Predavanja su koncipirana u 15 poglavlja, od kojih se ona početna odnose na upoznavanje recentne likovne umjetničke prakse te na predstavljanje morfološkog i graditeljskog miljea pribalja, kako bi se kod studenata potaknula svijest i senzibilitet za kontekst u kojem borave. Teme predavanja se kreću u vremenskom rasponu od prethistorije do današnjih dana slijedom algoritma proširene tipološke i stilske klasifikacije.

**TIPOLOGIJA I FORMA U ARHITEKTURI 2**

izv. prof. Nikola Popić

**PREDAVANJA**

Kolegij TiFA2 bavi se stambenim tipovima, njihovom prostornom i funkcionalnom organizacijom u povijesti te u suvremenom trenutku. Na predavanjima se obrađuju teme individualnog i kolektivnog stanovanja: obiteljska kuća, ladanjska kuća, dvojna kuća, stambeni niz, višestambena zgrada. Detaljno se prikazuju funkcionalni zahtjevi za sve prostorne sklopove pojedinog stambenog tipa i mogućnosti tlocrtne organizacije te se studente upoznaje s ključnim primjerima stambenih tipologija.

**INTRODUCTION TO ARCHITECTURAL DESIGN 1**

Assistant Professor Lea Pelivan (course supervisor)  
Assistant Professor Sanja Matijević Barčot, PhD, Silvija Ivanišević, Dujam Ivanišević

**LECTURES AND STUDIO WORK**

Through a series of lectures and an accompanying series of short, but intensive design assignments, the IAD1 course introduces the students to the process of architectural design while requiring them to investigate fundamental disciplinary issues of architectural thought, design, and representation. The students are encouraged to use and develop their knowledge of other artistic disciplines in searching for inspiration for original and perhaps provocative articulations of architectural space.

The work method puts special emphasis on the use of the physical model as an essential tool in the design process, which the students are expected to use in all the phases of developing their architectural concepts.

\* More information on page 76 - 81

**INTRODUCTION TO ARCHITECTURAL DESIGN 2**

Assistant Professor Lea Pelivan, Assistant Professor Dinko Peračić (course supervisors)  
Assistant Professor Sanja Matijević Barčot, PhD, Silvija Ivanišević, Dujam Ivanišević, Andrija Vrdoljak

**LECTURES AND STUDIO WORK**

The programme of the IAD2 course expands the pedagogical agenda of the IAD1 course by introducing the parameters of site and program into the design assignments. The students are engaged in multiple modes of analytical processes such as the site analysis, program and user needs analysis, and get acquainted with its methodology. During the semester, the students work on multiple design assignments which encourage them to study the interdependent relations between location, space and form. They are expected to synthesize the results of the analysis, which are to inform and inspire the development of the architectural concept. While the

physical model remains a key tool in the process, the students are expected to develop the skill of architectural drawing, used both as an analytical and a presentation tool.

\* More information on page 82 - 85

**TPOLOGY AND FORM IN ARCHITECTURE 1**

Professor Emil Šverko

**LECTURES**

The TFA1 course initiates a comparative platform, further developed through courses TFA2-TFA4, which presents to the students the standard fact-oriented historical overview of architectural types on a conceptual level, referring them to the modern and historical examples of architecture which share the same architectural concept. In other words, the students are encouraged to develop a reflex for recognizing the “then-and-now” structural similarities, i.e. to adopt the concept of temporal transcription of architectural phenomena. The lectures are divided into 15 chapters, of which the introductory ones aim to familiarize the students with recent visual-arts practices and present to them the morphological and architectural milieu of the coastal area, in order to promote the students’ awareness of, and sensibility for, the context of their surroundings. The topics of the lectures cover a time range from prehistory to the present, following the algorithm of a broadened typological and style classification.

**TPOLOGY AND FORM IN ARCHITECTURE 2**

Associate Professor Nikola Popić

**LECTURES**

The TFA2 course deals with dwelling typologies, their spatial and functional organization throughout history and in the present times. The lectures are centered around the topics of single – and multi-family housing: the detached house, the semi-detached house, the row house, the multi-family housing unit. The functional requirements for all types of dwelling and the possibilities of its ground-plan organization are presented in detail, while the students are introduced to the key examples of the dwelling type.

## TIPOLOGIJA I FORMA U ARHITEKTURI 3

doc. dr. sc. Sanja Matijević Barčot

### PREDAVANJA

Predavanja kolegija TIFA3 donose komparativni prikaz različitih tipoloških karakteristika, koncepata i projektantskih paradigmi unutar funkcionalnih tipova koji dominantno spadaju u javne investicije - vrtića, škola, bolnica, zgrada za sport i rekreaciju. Studente se upoznaje s projektnim zahtjevima pojedinog tipa u smislu lokacije, programa, funkcionalnih i prostornih aspekata, a za svaki od ovih tipova, putem prikaza ključnih referentnih primjera, prezentira se njegov arhitektonski povijesni i suvremeni razvoj te njegova kompleksna fenomenologija.

## TIPOLOGIJA I FORMA U ARHITEKTURI 4

prof. Ante Kuzmanić

### PREDAVANJA

Predavanja kolegija TiFA4 donose prikaz tipološkog razvoja: poslovnih zgrada, zgrada za kulturu te zgrada za turizam. Obraduje se prostorni program, uvjeti lokacije te funkcionalna i prostorna organizacija pojedinih funkcionalnih tipova, a studente se također upoznaje s legislativnim okvirom te pravilnicima koji utječu na konkretne projektantske zadaće kod ovih tipova. Nakon odslušanog kolegija od studenta se očekuje da stečena znanja koristi u samostalnom radu na projektantskim zadaćama u sklopu radionica arhitektonskog projektiranja.

## RADIONICA ARHITEKTONSKOG PROJEKTIRANJA 1

izv. prof. Nikola Popić, izv. prof. Vanja Ilić

(voditelji kolegija)

doc. dr. sc. Hrvoje Bartulović,

Ana Krstulović

### PREDAVANJA I VJEŽBE

RAP1 bavi se temom individualnog stanovanja; studenti tijekom semestra izrađuju dva arhitektonskoga zadatka – stambeni niz i obiteljsku kuću. Stambeni niz, zadatak koji

se sastoji od umnožavanja jedne stambene jedinice zadane površine po horizontali, izrađuje se u prvom dijelu semestra i služi za savladavanje funkcionalnih shema i uporabnih prostora kod stanovanja. Arhitektonsko rješenje obiteljske kuće na zadanoj građevnoj čestici radi se ostatak semestra. Tijekom rada u radionici, putem predavanja, eseja i konzultacija sa studentima, oslovljavaju se slijedeće teme: analiza lokacije i urbane matrice šireg prostora; smještaj kuće na parceli; orijentacija; komunikacije; funkcionalni sklopovi; uporabni prostori; zajednički, intimni i servisni prostori unutar kuće; vanjski prostori; veza vanjskog i unutarnjeg prostora; izbor konstrukcije; mjerilo i proporcije; primjena i izbor gradbenih materijala; prirodno osvjjetljenje i zaštita od sunca; oblikovanje. Studente se potiče na razvijanje kritičkog stava putem traženja umjetničke i znanstvene spoznaje stvarnosti i kulturoloških zakonitosti prostora u kojem se gradi.

\* detaljnije na str. 86. - 89.

## RADIONICA ARHITEKTONSKOG PROJEKTIRANJA 2

prof. Ante Kuzmanić,

doc. Danijel Marasović (voditelji kolegija)

Ivan Jurić, Mirjana Radoš

### PREDAVANJA I VJEŽBE

RAP2 bavi se temom kolektivnog stanovanja. U sklopu semestralnog zadatka studenti u prvom dijelu semestra razvijaju urbanističko rješenje stambenog naselja na zadanoj lokaciji, a u drugom dijelu projektiraju višestambenu zgradu u sklopu te lokacije. Projekt se razvija od mjerila 1:500 do mjerila 1:25. Uz osnovnu temu, studenti rade na nekoliko manjih zadataka putem kojih dodatno promišljaju organizaciju stambenih jedinica unutar zadanog prostornog okvira te odnose horizontalnih i vertikalnih komunikacija. Od studenata se očekuje da u svom projektu elaboriraju vlastito viđenje koncepcije suvremenog stanovanja.

\* detaljnije na str. 90. - 91.

## TIPOLOGY AND FORM IN ARCHITECTURE 3

Assistant Professor dr. sc. Sanja Matijević

Barčot, PhD

### LECTURES

Lectures within the TFA3 course provide a comparative overview of the different typological characteristics, concepts and design paradigms of the functional types which predominantly belong to public investments – kindergartens, schools, hospitals, recreation and sports facilities. The students are introduced to the design requirements of particular types in terms of their location, program and functional and spatial aspects. Prominent reference examples of each type are used to present its historical and contemporary architectural development and complex phenomenology.

## TIPOLOGY AND FORM IN ARCHITECTURE 4

Professor Ante Kuzmanić

### LECTURES

The lectures making up the TFA4 course provide an overview of the typological development of buildings for commercial, cultural and tourism purposes. They cover the spatial program, location features and the functional and spatial organization of particular functional types. In addition the students are introduced to the legislative framework and bylaws pertaining to the design tasks related to these types. Once they complete the course, the students are expected to use the acquired knowledge in their independent work on assignments in architectural design workshops.

## ARCHITECTURAL DESIGN WORKSHOP 1

Associate Professor Nikola Popić, Associate

Professor Vanja Ilić (course supervisors)

Assistant Professor Hrvoje Bartulović, PhD,

Ana Krstulović

### LECTURES AND PRACTICAL EXERCISES

ADW1 deals with the topic of single-family house. During the semester, the students complete two design assignments – the row

house and the detached family house. The row house – an assignment which consists of multiplying a single housing unit with a specified façade surface along a horizontal line – is designed in the first part of the semester and serves for mastering functional diagrams and spatial needs and requirements. For the rest of the semester, the students work on designing a detached family house on a specified building plot. Throughout the lectures, essays and consultations the following topics are covered: analysis of the location and existing urban matrix; the positioning of a house on a land plot; orientation; communications; specific functional areas; spatial needs; common, intimate and service areas inside the house; exteriors; communication between exteriors and interiors; choice of structure; scale and proportions; usage and choice of building materials; natural light and sun protection; formal characteristics. Students are encouraged to develop a critical stance through seeking artistic and scientific knowledge of reality and culture of the built environment.

\* More information on page 86 - 89

## ARCHITECTURAL DESIGN WORKSHOP 2

Professor Ante Kuzmanić, Assistant Professor

Danijel Marasović (course supervisors)

Ivan Jurić, Mirjana Radoš

### LECTURES AND PRACTICAL EXERCISES

The ADW2 course deals with the topic of collective housing. For the first part of the semestral assignment, the students develop an urban-planning solution for a housing development at a specified location, and for the second part, they design a multi-family housing unit on that location. The project is developed from the scale of 1:500 to the scale of 1:25. Along with working on the main subject, the students also work on several minor assignments which enable them to additionally study the organization of housing units within a specified space frame, as well as the relations between horizontal and vertical communications. Through their projects, the students are expected to present their own view of the concept of modern housing.

\* More information on page 90 - 91

**RADIONICA ARHITEKTONSKOG PROJEKTIRANJA 3**

doc. Iva Letilović (voditeljica kolegija)

doc. Dinko Peračić, Jakša Kalajžić,

Branka Juras

**PREDAVANJA I VJEŽBE**

Tema kolegija RAP3 je istraživanje novih principa, prostornih okvira i metodologija u planiranju i projektiranju edukacijskih građevina. Projektiranje počinje mišlju, a završava prostornim odnosima. Odgovor na pitanje što suvremena edukacijska građevina želi biti, zahtijeva nelinearno razmišljanje o "novim edukacijskim krajolicima". Od studenata se očekuje da preispituju uvriježene programsko-prostorne postulate važećih pedagoških standarda kako bi se mogla uspostaviti osnova za nove standarde koji će odgovarati zahtjevima suvremenih edukacijskih strategija. Ova radionica uvlači studente u proces sagledavanja i interpretacije prisutnih složenosti (društvenih, kulturnih, ekonomskih, političkih, ekoloških...) najšireg i najužeg okruženja kojem smo izloženi i kojeg smo svjesni. Artikuliranje prostora i prostornih odnosa su alati kojima se taj složen i pojmovni svijet interpretira. Misao o prostoru i prostor su međusobno uvjetovani te ne postoje samostalno.

\* detaljnije na str. 92. - 95.

**RADIONICA ARHITEKTONSKOG PROJEKTIRANJA 4****– ZAVRŠNI RAD**

prof. Neno Kezić, izv. prof. Nikola Popić

(voditelji kolegija)

Nora Roje, Ana Krstulović, doc. dr. sc. Dujmo Žižić, Eugen Širola, prof. dr. sc. Boris Trogrlić, doc. dr. sc. Nikola Grgić, doc. dr. sc. Ivan Balić, doc. dr. sc. Hrvoje Smoljanović, Jelena Lovrić Vranković, Gabrijela Grozdanić, Marko Goreta

**PREDAVANJA I VJEŽBE**

Kolegij RAP4-završni rad predstavlja sintezu poznavanja svih područja i apsolviranih vještina u dosadašnjem obrazovnom procesu. Sve nastavne sadržaji koji prethode i/ili prate rad na radionicama stvarajući multidisciplinarnu interakciju različitih saznanja i procesa, ovaj kolegij povezuje u sustavnu

cjelinu. Semestralni zadatak podrazumijeva urbanističko-arhitektonsko rješenje javne građevine i razvija se od idejnog do izvedbenog projekta. Tijekom semestra u radu na kolegiju pridružuju se nastavnicima konzultanti za tehničke detalje, fiziku zgrade, konstrukciju i instalacije. Završni rad predstavlja provjeru cjelokupnog znanja i sposobnosti stečenih na preddiplomskom sveučilišnom studiju arhitekture za stjecanje akademskog stupnja "sveučilišni prvostupnik inženjer/ka arhitekture i urbanizma".

\* detaljnije na str. 96. - 99.

GODIŠNJAK STUDIJA ARHITEKTURE I URBANIZMA 2017/18.

STUDY OF ARCHITECTURE AND URBAN PLANNING YEARBOOK 2017/18

**ARCHITECTURAL DESIGN WORKSHOP 3**

Assistant Professor Iva Letilović

(course supervisor)

Assistant Professor Dinko Peračić,

Jakša Kalajžić, Branka Juras

**LECTURES AND PRACTICAL EXERCISES**

The ADW3 studio explores the new principles, space frames and methodologies in the planning and design of educational facilities. Design begins with conceptualizing and ends with spatial relations. An answer to the question of what a contemporary educational facility wants to be requires non-linear thinking about "new educational landscapes". The students are expected to re-examine the traditional program and spatial postulates of the existing pedagogical standards in order to establish a basis for new standards, which will meet the requirements of contemporary educational strategies. This workshop involves the students in a process of considering and interpreting the existing (social, cultural, economic, political, environmental...) complexities of both the broadest and the closest environments to which we are exposed and of which we are aware. The articulations of space and spatial relations are tools with which this complex conceptual world is interpreted. Rather than independent of each other, the conceptualization of space and space itself are mutually determined.

\* More information on page 92 - 95

**ARCHITECTURAL DESIGN WORKSHOP 4 – FINAL WORK**

Professor Neno Kezić, Associate Professor

Nikola Popić (course supervisors)

Nora Roje, Ana Krstulović, Assistant Professor Dujmo Žižić, PhD, Eugen Širola, Professor Boris Trogrlić, PhD, Nikola Grgić, Assistant Professor Ivan Balić. PhD, Assistant Professor Hrvoje Smoljanović, PhD, Jelena Lovrić Vranković, Gabrijela Grozdanić, Marko Goreta

**LECTURES AND PRACTICAL EXERCISES**

The ADW4 – Final Work studio represents a synthesis of all the areas of knowledge and all the skills hitherto acquired in the educational process. The course unites into a sys-

tematic whole all of the educational content which precedes and/or accompanies the workshops, thus creating a multidisciplinary interaction of different types of knowledge and processes. The semestral assignment involves a design for a public building and is developed from the conceptual design to the working drawings. During the semester, contributions to the course work are made by consulting teachers with regard to technical details, building physics, structure and installations. The final assignment represents an assessment of the overall knowledge and skills acquired during the undergraduate academic study of Architecture and required for the acquisition of the academic title of Bachelor of Architecture and Urban Planning.

\* More information on page 96 - 99



**ELEMENTI ZGRADA 1**

prof. dr. sc. Darovan Tušek (voditelj kolegija)

doc. dr. sc. Vesna Perković Jović

## PREDAVANJA I VJEŽBE

Kolegij se sastoji od tri tematska bloka: 1) zakonska regulativa u vezi s prostornim uređenjem i gradnjom, 2) građevinski materijali i tehnologija izrade zidanih vertikalnih nosivih konstrukcija te 3) osnove geodezije. Na vježbama se studenti osposobljavaju za izradu arhitektonskih nacrtu jednostavne građevine u mjerilu 1:200 i 1:100 te za izradu karakterističnih troškovničkih stavki za građevinske radove obuhvaćene sadržajem predavanja. K tomu, studenti se obučavaju za korištenje geodetskih podloga pri izradi urbanističkih i arhitektonskih projekata.

**ELEMENTI ZGRADA 2**

prof. dr. sc. Darovan Tušek (voditelj kolegija)

Bruno Bartulović

## PREDAVANJA I VJEŽBE

Sadržaj kolegija EZ2 sastoji se od dva tematska bloka; prvi blok obrađuje osnove geologije i geotehnike te tehnike temeljenja, a drugi blok tehnologiju armirano – betonskih vertikalnih, horizontalnih i kosih konstrukcija, kosih drvenih krovista i vertikalnih komunikacija u zgradama. Na vježbama se studenti osposobljavaju za izradu arhitektonskih nacrtu jednostavne građevine u mjerilu 1:50 te za izradu karakterističnih troškovničkih stavki za građevinske radove obuhvaćene sadržajem predavanja. Također, u sklopu ovog kolegija studenti se obučavaju za korištenje geotehničke dokumentacije pri projektiranju temeljenja objekata.

**ELEMENTI ZGRADA 3**

doc. dr. sc. Dujmo Žižić (voditelj kolegija)

Luka Petričević, Berislav Lukšić

## PREDAVANJA I VJEŽBE

Kolegij EZ3 studente upoznaje s konstrukcijama obodnih ploha zgrade, materijalima koji se u njima primjenjuju, načinima ugradnje i detaljima spojeva. Tematika obuhvaća kose i ravne krovove, fasadne zidove, međukatne konstrukcije te podove na tlu. Na predavanjima se prezentiraju brojni primjeri izvedenih tehničkih rješenja te načela ugrad-

nje, funkcioniranja i održavanja navedenih konstrukcija. Zadaćima na vježbama, koji obuhvaćaju razradu detalja izvedbenog projekta, studenti se osposobljavaju za projektantsku interpretaciju prezentiranih načela.

**ELEMENTI ZGRADA 4**

doc. dr. sc. Dujmo Žižić (voditelj kolegija)

Luka Petričević, Berislav Lukšić,

Bruno Bartulović

## PREDAVANJA I VJEŽBE

Predavanja kolegija EZ4 fokusiraju se na sustave montažne, suhe i predfabricirane gradnje, elemente građevinskih otvora i završne radove. Prezentiraju se brojni primjeri navedenih konstrukcija, uz prikaz načela njihovog projektiranja i građenja, funkcioniranja i održavanja. Na vježbama se na razini izvedbenog projekta razrađuje projekt obiteljske kuće koji su studenti ranije izradili u sklopu kolegija RAP1. Nakon završenog kolegija od studenta se očekuje da može interpretirati i razraditi dijelove glavnih i izvedbenih projekata.

**OSNOVE NOSIVIH KONSTRUKCIJA 1**

prof. dr. sc. Željana Nikolić,

doc. dr. sc. Nikolina Živaljić

## PREDAVANJA I VJEŽBE

Kolegij ONK 1 obrađuje teorijsku osnovu za analizu nosivih konstrukcija i konstruktivnih sustava građevinskih konstrukcija koja ima polazište u primjeni osnovnih zakona mehanike na analizu ravnoteže krutog tijela, definiranju rezultirajućeg djelovanja sustava sila, rezultante sustava sila i uvjeta ravnoteženja sustava sila u ravnini i prostoru. Definiraju se vrste opterećenja na konstrukciju, uvjeti njihove kinematičke stabilnosti i statičke određenosti, način izračunavanja reaktivnih sila i sila među elementima konstruktivnih sustava te unutarnjih sila u konstrukcijama. Nosive konstrukcije se klasificiraju prema njihovom obliku i statičkoj određenosti. Provode se proračuni unutarnjih sila u statički određenim jednostavnim i složenim grednim nosačima te u statički određenim rešetkama. Unutarnje sile prikazuju se pomoću dijagrama unutarnjih sila. Iznosi se osvrt na primjenu pojedinih vrsta konstrukcija i konstruktivnih sklopova.

GODIŠNIAK STUDIJA ARHITEKTURE I URBANIZMA 2017/18.

**BUILDING ELEMENTS 1**

Professor Darovan Tušek, PhD

(course supervisor)

Assistant Professor Vesna Perković Jović, PhD

## LECTURES AND PRACTICAL EXERCISES

The course consists of three subject units: 1) legal regulations concerning physical planning and construction, 2) building materials and the technology of masonry structures and 3) introduction to geodesy. At the practical exercises, the students learn how to prepare architectural drawings of simple buildings in the scale of 1:200 and 1:100, as well as characteristic bill of quantities items for the construction works covered by the lectures. The students are also taught to use geodetic survey maps in the preparation of urban-planning and architectural designs.

**BUILDING ELEMENTS 2**

Professor Darovan Tušek, PhD

(course supervisor)

Bruno Bartulović

## LECTURES AND PRACTICAL EXERCISES

The BE2 course consists of two subject units; the first unit covers the elements of geology and geotechnics, along with foundation engineering methods, and the second unit deals with the building technology of reinforced-concrete structures, timber roof structures and vertical communications in buildings. At the practical exercises, the students learn how to prepare architectural drawings of simple buildings in the scale of 1:50 and characteristic bill of quantities items for the construction works covered by the lectures. The students are also taught to use geotechnical investigation reports in designing building foundations.

**BUILDING ELEMENTS 3**

Assistant Professor Dujmo Žižić, PhD

(course supervisor)

Luka Petričević, Berislav Lukšić

## LECTURES AND PRACTICAL EXERCISES

The BE3 course introduces the students to the topics of the building enclosure, its materials,

technologies and development of detailed design. The topics covered include sloping and flat roofs, facades and floor structures. The lectures present numerous examples of realized technical solutions with references concerning its construction, post-construction performance and maintenance. Through practical exercises, which involve the working design and detailing, the students learn to interpret the presented principles from the perspective of architectural design.

**BUILDING ELEMENTS 4**

Assistant Professor Dujmo Žižić, PhD

(course supervisor)

Luka Petričević, Berislav Lukšić,

Bruno Bartulović

## LECTURES AND PRACTICAL EXERCISES

Lectures within the BE4 course focus on drywall, assembly and prefabricated building systems, elements of building apertures and finishing works. Numerous examples of the mentioned systems are presented, along with an overview of the principles of their design, construction, post-construction operation and maintenance. Practical exercises consist of preparing the working drawings of the family house which the students have previously designed at ADW1 course. Following the completion of the course, the students are expected to be able to interpret and develop different parts of the design documentation.

**BASIS OF STRUCTURES 1**

Professor Željana Nikolić, PhD,

Assistant Professor Nikolina Živaljić, PhD

## LECTURES AND PRACTICAL EXERCISES

The BS1 course deals with the theoretical basis for the analysis of structures and structural systems, which begins with applying the fundamental laws of mechanics to the analysis of equilibrium of solids, as well as with defining the resulting effect of a force system, the resultant of a force system and the equilibrium conditions of a plane and spatial force systems. During the course students learn to define the types of load on a structure, the conditions of its kinematic stability and static determinacy. They are intro-

**OSNOVE NOSIVIH KONSTRUKCIJA 2**

prof. dr. sc. Mirela Galić  
(voditeljica kolegija)  
doc. dr. sc. Nikolina Živaljić

**PREDAVANJA I VJEŽBE**

Tijekom predavanja i vježbi u sklopu ovog kolegija studenti se upoznaju sa svim osnovnim geometrijskim i materijalnim karakteristikama konstrukcijskih elemenata potrebnim za razumijevanje funkcioniranja dijelova konstrukcije te konstrukcije u cjelini. Upoznaju se s proračunom naprezanja i deformacija te s definiranjem veze između naprezanja i deformaciju za jednoosno, ravninsko i prostorno stanje naprezanja. Studenti proračunavaju i kontroliraju naprezanja, deformacije i dimenzije elemenata konstrukcija uz obavezno zadovoljavanje uvjeta čvrstoće, krutosti i stabilnosti. Proces učenja nastoji se usmjeriti ka razvijanju osjećaja za potreban omjer krutosti elemenata u konstrukciji, što podrazumijeva pravilan odabir materijala, oblika i dimenzije elemenata. Pri tome je potrebno poznavati i načine prijenosa sila u konstrukciji, mehanizme deformiranja, odnosno, znati uspostaviti veze između pomaka točaka i deformacije elementa, uz razumijevanje funkcioniranja različitih pridržanja te poznavanje njihovog utjecaja na nosivost i stabilnost.

**MATEMATIKA 1**

mr. sc. Slobodan Pavasović

**PREDAVANJA I VJEŽBE**

Osnovni ciljevi kolegija MAT1 MAT2 su razvijanje opće matematičke kulture kao sastavnice "širine" koja se očekuje od arhitekta te usvajanje matematičkog aparata potrebna za kolegije iz grupe konstruktorske tematike. Kolegij obuhvaća osnove linearne algebre (pojmovi, svojstva i međuodnosi vektora, pravaca i ravnina u trodimenzionalnom prostoru) te osnove matematičke analize (pojmovi i svojstva funkcije jedne varijable, neprekidnosti, limesi i derivacije funkcije jedne varijable, koji se objedinjuju u crtanju kvalitativnoga grafa zadane funkcije jedne varijable).

**MATEMATIKA 2**

pred. Milena Vulević

**PREDAVANJA I VJEŽBE**

U prvom dijelu kolegija studenti se upoznaju s pojmom neodređenog i određenog integrala funkcije jedne varijable; upoznaju se s osnovnim metodama integriranja kao i s računanjem određenog integrala pomoću Newton-Leibnizove formule te primjenom određenog integrala za računanje površine ravninskih likova. U drugom dijelu kolegija studenti se upoznaju s osnovama vjerojatnosti i statistike. Tema vjerojatnosti obuhvaća osnovne pojmove i svojstva vjerojatnosti te računanje vjerojatnosti zadanog događaja kao i uvjetne te potpune vjerojatnosti događaja. Studenti se nadalje upoznaju s pojmom slučajne varijable te računanjem očekivanja, varijance i standardne devijacije diskretne i neprekidne slučajne varijable. Statistika obuhvaća pojmove populacija i uzorak te osnove teorije uzorka.

**NOSIVE KONSTRUKCIJE 1**

prof. dr. sc. Jure Radnić,  
prof. dr. sc. Domagoj Matešan  
(voditelji kolegija)  
Vladica Herak-Marović,  
dr. sc. Marija Smilović Zulim,  
dr. sc. Marina Sunara Kusić

**PREDAVANJA I VJEŽBE**

Kolegij obrađuje osnove nearmiranih, armiranih i pretnapetih betonskih konstrukcija te zidanih konstrukcija. Daju se osnove ponašanja pojedinih gradiva pod opterećenjem i dimenzioniranje betonskih presjeka. Definiraju se vrste i svojstva opterećenja zgrada te njihove mjerodavne kombinacije za proračun. Projektiraju se i proračunavaju jednostavne međukatne armiranobetonske konstrukcije (ploče i grede); izrađuju se njihovi armaturni planovi. Akcent se stavlja na ispravno kreiranje nosivih sustava konstrukcija građevina i njihove karakteristike, osobito za građevine u seizmički aktivnim područjima. Sažeto se obrađuju osnove kamenih konstrukcija, visokih zgrada i mostova. Naglašava se potreba suradnje projektanta arhitekture i projektanta konstrukcija u rješavanju praktičnih problema.

duced to the method of calculating support reactions, forces within structural members of structural systems and internal forces in structures. Load-bearing structures are classified according to their shape and static determinacy. Internal forces are calculated for statically determinate simple and complex beams and statically determinate trusses. Internal forces are depicted using internal force diagrams. The course also features reviews of the use of specific types of structures and structural assemblages.

**BASIS OF STRUCTURES 2**

Professor Mirela Galić, PhD

(course supervisor)

Assistant Professor Nikolina Živaljić, PhD

**LECTURES AND PRACTICAL EXERCISES**

The lectures and practical exercises of which the course consists introduce the students to all the elementary geometric and material characteristics of structural members necessary for understanding the behavior of structure parts and of structures as a whole. The students are acquainted with stress and strain calculation and with defining the relation between stress and strain for uniaxial, plane and three-dimensional states of stress. The students calculate and control the stress, strain and dimensions of structure members while complying with obligatory strength, rigidity and stability requirements. The objective of the learning process is to direct the students towards developing a sense for the required ratio of rigidity of structure members, which involves the proper selection of the members' material, shape and dimensions. With regard to this, it is also necessary to become acquainted with the modes of force transfer within a structure and deformation mechanisms. In other words, the students must be able to establish a relation between the displacement of point and strain of structure's element, as well as to understand the behavior of various supports and their impact on bearing capacity and stability.

**MATHEMATICS 1**

mr. sc. Slobodan Pavasović

**LECTURES AND PRACTICAL EXERCISES**

The basic aim of the courses MAT1 and MAT2 is to develop general mathematical culture as an integral part of the broad knowledge expected of an architect, as well as to equip the students with the preliminary mathematical knowledge necessary for attending courses from the field of structure design. The course features the basics of linear algebra (concepts, properties and interrelations of vectors, lines and planes in three-dimensional space) and the basics of mathematical analysis (concepts and properties of the function of one variable, continuities, limits and derivatives of the function of one variable, integrated in drawing a qualitative graph of a specified function of one variable).

**MATHEMATICS 2**

pred. Milena Vulević

**LECTURES AND PRACTICAL EXERCISES**

In the first part of the course, the students get acquainted with the concept of the indefinite and definite integral of the function of one variable; they are also introduced to the basic methods of integration, as well as to the calculation of the definite integral using the Newton-Leibniz formula and to the application of the definite integral in the calculation of the surface of plane figures. In the second part of the course, the students get acquainted with the basics of probability theory and statistics. The subject of probability theory covers the basic concepts and properties of probability and the calculation of the probability of a specified event, as well as the conditional and total probability of an event. The students are further introduced to the concept of the random variable and the calculation of expected value, variance and standard deviation of the discrete and continuous random variable. The subject of statistics covers the concepts of population and sample and an introduction to sample theory.

**NOSIVE KONSTRUKCIJE 2**

prof. dr. sc. Ivica Boko,  
doc. dr. sc. Neno Torić (voditelj kolegija)  
Jelena Lovrić Vranković, Marko Goreta

**PREDAVANJA I VJEŽBE**

Kolegij obrađuje osnovne koncepte projektiranja drvenih i metalnih konstrukcija koji uključuju: karakteristike građevinskih materijala, njegove prednosti i nedostatke te specifičnosti definiranja konstruktivnog koncepta građevine. Također, kolegij obrađuje osnovne proračunske metode koje se koriste za metalne i drvene konstrukcije u građevinarstvu.

**INSTALACIJE**

pred. Davor Lučin

**PREDAVANJA I VJEŽBE**

Cilj kolegija je osposobiti studente za sagledavanje koncepta projektnih rješenja instalacija u zgradi te za kvalitetnu suradnju s projektantima pojedinih instalacija u fazi izrade idejnog, glavnog i izvedbenog projekta. Na predavanjima se obrađuju sljedeće teme i vrste instalacijskih sustava: vodovod, potrošna topla voda, kanalizacija, sustavi protupožarne zaštite, vatrodojava, protuprovalni i nadzorni sustavi, instalacije plina, centralno grijanje, prirodna i mehanička ventilacija, klimatizacija električne instalacije, sustavi vertikalnog transporta, instalacije posebnih namjena te tehnološki elementi pasivnih i niskoenergetskih sustava u zgradama. Na vježbama se razrađuju instalacijski sustavi višestambene zgrade na podlogama projekta koji su studenti ranije izradili u sklopu kolegija RAP2.

**FIZIKA ZGRADE**

doc. dr. sc. Dujmo Žižić (voditelj kolegija)  
Zrinka Radunić, Luka Petričević

**PREDAVANJA I VJEŽBE**

Kolegij se bavi teoretskim aspektima fizike zgrade i aktualnom legislativom te ima za cilj osposobiti studente za projektantsku interpretaciju savladanih načela i pravilnika. Obrađuju se dvije osnovne nastavne cjeline: ušteda energije i toplinska zaštita te zaštita od buke i akustika. Na predavanjima

se obrađuju sljedeće teme: ušteda energije i toplinska zaštita, difuzijska zaštita, stabilnost vanjskih građevinskih konstrukcija za ljetno razdoblje, zaštita od buke i vibracija, osnove akustike prostora. Tijekom semestra studenti izrađuju seminar u kojem prezentiraju i kritički sagledavaju jednu publiciranu zgradu nisko-energetskih svojstava; na vježbama računalno izrađuju projekt toplinske zaštite i uštede energije za jednostavnu građevinu.

**PLANIRANJE I ORGANIZACIJA GRAĐENJA**

izv. prof. dr. sc. Nives Ostojić-Škomrlj

**PREDAVANJA I VJEŽBE**

Tematske cjeline obrađene u kolegiju PiOG, studente upoznaju s osnovnim pojmovima vezanim uz realizaciju arhitektonskog projekta. Pri tome je naglasak na ključnim momentima različitih razvojnih faza projekta kako bi se budućim projektantima dala cjelovita slika svih popratnih procesa i sadržaja koji mogu utjecati na projekt i njegovu realizaciju. Ne zanemarujući različite perspektive i uloge svih sudionika u gradnji, studente se upoznaje s osnovnim funkcionalnim područjima upravljanja projektom, kao i s operativnim gradilišnim sadržajima i elementarnim činjenicama vezanim uz pripadajući legislativni okvir.

**GRADSKE PROMETNE POVRŠINE I OBJEKTI**

prof. dr. sc. Dražen Cvitanić

**PREDAVANJA I VJEŽBE**

Ovaj kolegij uvodi studente u tematiku javnog i individualnog prijevoza upoznavajući ih sa specifičnostima pojedine vrste prijevoza te osnovama njihova prostorno-prometnog planiranja. U sklopu kolegija obrađuju se osnovni projektni elementi različitih kategorija cestovnih prometnica te tipovi i razmještaj raskrižja, a kao posebne teme obrađuju se: smirivanje prometa u stambenim zonama, parkirališta i garaže, prometne površine velikih centara, promet u mirovanju te biciklistički i pješakački promet.

GODIŠNJAK STUDIJARHITECTURE I URBANIZMA 2017/18.

**LOAD-BEARING STRUCTURES 1**

Professor Jure Radnić, PhD, Professor  
Domagoj Matešan, PhD (course supervisors)  
Vladica Herak-Marović, dr. sc. Marija Smilović  
Zulim, dr. sc. Marina Sunara Kusić

**LECTURES AND PRACTICAL EXERCISES**

The course covers the basic elements of non-reinforced, reinforced and prestressed concrete structures as well as masonry structures. It provides an introduction to the behavior of the building materials and presents the design of concrete sections. The types and characteristics of loads on buildings are defined with their combinations for calculation. During the practical exercises simple reinforced-concrete floor structures (slabs and beams) are designed and calculated. The primary focus is on the practical design of building structures and on their characteristics in seismically active areas while emphasizing the importance of collaboration between the architect and the structural engineer. The course also provides an introduction to traditional stone structures as well as contemporary structures of skyscrapers and bridges.

**LOAD-BEARING STRUCTURES 2**

Professor Ivica Boko, PhD, Assistant Professor  
Neno Torić, PhD (course supervisors)  
Jelena Lovrić Vranković, Marko Goreta

**LECTURES AND PRACTICAL EXERCISES**

The course covers the basic concepts of designing timber and metal structures, including the following: properties of building materials, their advantages and disadvantages and the details of defining the structural concept of a building. The course also covers the main design methods used for metal and timber structures in construction industry.

**BUILDING INSTALLATIONS**

pred. Davor Lučin

**LECTURES AND PRACTICAL EXERCISES**

The objective of the course is to enable the students to grasp the concept of the design solution of building installations and to cooperate efficiently with installation engineer during the preparation of the pre-

liminary, detailed and working designs. The lectures cover the following subjects and types of installation systems: water-supply systems, hot water systems, sewer systems, fire-protection systems, anti-burglary and surveillance systems, gas installations, central heating, natural and mechanical ventilation, air conditioning, electrical installations, vertical transport systems, special-purpose installations and technological elements of passive and low-energy systems in buildings. The practical exercises are focused on designing installation systems for a multi-family housing unit, based on the designs previously prepared by the students as part of the ADW2 course.

**BUILDING PHYSICS**

Assistant Professor Dujmo Žižić, PhD  
(course supervisor)  
Zrinka Radunić, Luka Petričević

**LECTURES AND PRACTICAL EXERCISES**

The course focuses on the theoretical aspects of building physics and on its applicable legislation. Its objective is to enable the students to interpret the principles and technical regulation from a perspective of architectural design. There are two main course units: energy saving and thermal protection, followed by noise protection and acoustics. The lectures cover the following topics: energy saving and thermal protection, vapour diffusion protection, thermal stability of building envelope during the summer period, noise and vibration protection, basic principles of acoustics. In the course of the semester, the students prepare a seminar paper in which they present and critically analyse one published building design with low-energy characteristics; at the practical exercises, they use a computer to design a thermal protection and energy saving project for a simple building.

**CONSTRUCTION PLANNING AND MANAGEMENT**

Associate Professor Nives Ostojić-Škomrlj, PhD

**LECTURES AND PRACTICAL EXERCISES**

The subject units covered by the CPM course introduce the students to the basic concepts

**OSNOVE URBANIZMA**

doc. dr. sc. Ana Grgić

## PREDAVANJA

Kolegij omogućuje stjecanje znanja o temeljnim odrednicama urbanističkog planiranja i projektiranja te razumijevanje urbanizma kao složenog istraživačkog procesa. Interpretiranje osnovnih elemenata koji definiraju urbani prostor, kao i uvid u povijesni i teorijski aspekt ključnih sekvenci njegova razvoja, predstavljaju preduvjet za uspješno rješavanje prostornih izazova i formuliranje budućih smjernica za oblikovanje i održivi razvoj prostora. Predavanja nude široki dijapazon tema, od pregleda osnovnih pojmova u urbanizmu i metodologije planerskog procesa do tema kao što su primjerice uloga civilnog društva u planerskim procesima ili umjetnosti u javnom prostoru. Studentima se pruža uvid u znanstveni, tehnički, politički i administrativni kontekst. Uključivanjem gostujućih predavača koji dolaze iz profesija uključenih u proces urbanizma ili pak specifičnih domena koje na taj proces djeluju s političkih margina, pojašnjava se kompleksnost procesa urbanističkog planiranja.

**URBANIZAM 1**

prof. Dario Gabrić (voditelj kolegija)

doc. dr. sc. Ana Grgić,

doc. dr. sc. Hrvoje Bartulović, Antonia Vuletić

## PREDAVANJA I VJEŽBE

Elementi urbane forme i kompozicije, osnovni morfološki elementi urbanog prostora, osnovne urbane tipologije i njihova obilježja, elementi i obilježja uređenja javnih prostora – teme su koje se obrađuju u sklopu predavanja kolegija UR1. Na vježbama, studenti formirani u timove izrađuju tri zadatka. Prvi zadatak počiva na metodologiji analize i čitanja prostora te njemu svojstvenih procesa. Od studenata se očekuje provjeravanje, istraživanje varijacija i definiranje urbanih pravila te istraživanje i primjena urbanističkih kompozicija kojima se propituju prostorne mogućnosti zadanih, postojećih urbanih struktura i njihovih kontaktnih područja. U sklopu drugog zadatka studenti izrađuju projekt naselja koji u pravilu uključuje i metodu urbane rekonstrukcije postojećeg konteksta. Treći zadatak se

bavi intervencijom u javnom prostoru čime se proširuje empirijska komponenta učenja o gradu na način da se iskustvo prostora sabire putem osmišljanja privremenih scenografija, simulacije procesa ili provociranje dijaloga. Pritom se klasičnim alatima dokumentiranja analiza i prezentacije urbanističkih zadataka pridružuju i mediji fotografije, filma, intervjua i društvenih mreža.

\* detaljnije na str. 100. - 103.

**URBANIZAM 2**

prof. Dario Gabrić (voditelj kolegija)

doc. dr. sc. Ana Grgić,

doc. dr. sc. Hrvoje Bartulović,  
Antonia Vuletić, Jere Kuzmanić

## PREDAVANJA I VJEŽBE

Rad u sklopu kolegija UR2 temelji se na sagledavanju i rješavanju urbanističkih problema i zadaća različite razine složenosti, od koncipiranja i projektiranja stambenih naselja male gustoće, urbane rekonstrukcije dijelova grada do projektiranja makro-urbanističkih cjelina kao što su bolnice, sveučilišni kampusi i sl. Predavanja tematski prate rad na vježbama omogućujući na taj način interakciju teoretskih saznanja i referenci iz prakse s procesom izrade zadataka. U sklopu semestralnog zadataka na vježbama studente se potiče na razvoj urbanističkih scenarija kojima se istražuju prostorni i društveni okviri te razrađuju različite tipološke i morfološke sheme s pretpostavkom održivog razvoja i mogućnostima programske i funkcionalne transformacije prostora.

\* detaljnije na str. 104. - 107.

**SOCIO-URBANA ISTRAŽIVANJA  
PROSTORA**

izv. prof. dr. sc. Sanja Stanić

## PREDAVANJA

U okviru ovog kolegija prostoru se pristupa kao društvenom konstruktumu kojega oblikuju i na kojega utječu socijalni akteri, prakse i institucije. Dok društvo na različite i mnogostruke načine proizvodi prostor te oblikuje njegovu socijalnu uporabu, prostor istodobno određuje socijalni život i zajednicu. Studenti se upoznaju s društvenim teorijama o

related to the realization of a construction project, the emphasis being on the key parts of the different project development phases. The aim of the course is to provide the comprehensive overview of all the processes and events which can affect the project and its realization. Without neglecting the different perspectives and roles of all the participants in construction, the students are introduced to the basic functional fields of project management, as well as to the operational facilities of a construction site and to the basic facts concerning the valid technical regulations and laws.

**INTRODUCTION TO  
URBAN PLANNING**

Assistant Professor Ana Grgić, PhD

## LECTURES

The course provides insight into the basic premises of urban planning and design and enables the students to understand urban design as a complex research process. The interpretation of the basic elements that define urban space and an insight into the historical and theoretical aspect of the prominent stages of its development are the preconditions for successfully tackling physical-planning challenges and formulating future guidelines regarding the design and sustainable development of space. The lectures cover a broad range of topics, from an overview of the key concepts of urban design and the methodology of the planning process to, for example, the role of civil society in planning processes or that of art in the public space. The students gain an insight into the scientific, technical, political and administrative context of urban planning. The complexity of the process is further elaborated on in guest lectures by professionals involved in the urban planning process or active in certain fields which affect this process from the political margin.

**URBAN TRAFFIC AREAS  
AND OBJECTS**

Professor Dražen Cvitanić, PhD

## LECTURES AND PRACTICAL EXERCISES

This course introduces the students to the subject of public and private transport by familiarizing them with the characteristics of particular types of transport and with the basic physical and traffic planning principles connected with them. The course covers the fundamental design elements of various categories of roads and the types and placements of its intersections, while the following subjects are covered separately: traffic control in residential areas, car parks and garages, traffic areas of major centers, bicycle and pedestrian traffic.

**URBAN PLANNING 1**

Professor Dario Gabrić

(course supervisor)

Professor Ana Grgić, PhD,

Assistant Professor Hrvoje Bartulović, PhD,

Antonia Vuletić

## LECTURES AND STUDIO WORK

Elements of urban form and composition, basic morphological elements of urban space, prominent urban typologies and their attributes, elements and characteristics of public space development – all of these topics are covered by lectures of the UP1 course. At the practical exercises, students work in teams on three assignments. The first assignment is based on the methodology of analyzing and interpreting urban space and the processes inherent to it. The students are expected to conduct the research on possible variations of urban planning parameters and principles and define the new ones, as well as explore and apply urban-design compositions which reexamine the spatial potential of the specified, existing urban structures and their contact areas. For their second assignment, the students design a residential area, generally including in their work the method of urban reconstruction of the existing context. The third assignment concerns interventions in public space. The empirical learning about the city is expanded as students accumulate their experience of urban space by devising

prostoru te stječu temeljna znanja o dizajnu sociološkog istraživanja, metodama i alatima prikladnim za spoznavanje fenomena povezanih s prostorom. Teme su popraćene rezultatima socioloških i drugih društvenih istraživanja prostora i grada te ilustrirane primjerima dobre prakse. Problematiziraju se brojna pitanja, primjerice promjene kojima je izložen prostor kasnokapitalističkog grada; determinante i vrijednosti javnog prostora; uloga i značenje zelenih prostora;

usklađivanje urbanog života sa zahtjevima održivosti; prepoznavanje idealnog društva u urbanim utopijama; socijalni procesi i strukturni trendovi te njihove manifestacije u prostoru putem ograđenih zajednica; utjecaj društvenih, gospodarskih i tehnoloških promjena na re/konstruiranje prostora svakidašnjeg života; doživljavanje ureda; značenje doma; identifikacija i razvijanje odnosa privrženosti mjestu.

temporary sceneries, simulating processes or provoking dialogue. Apart from the standard architectural tools, the media of photography, film, interview and social networks are also used in documenting analyses and presenting urban-design assignments.  
\* More information of page 100 - 103

**SOCIO-URBAN RESEARCH OF SPACE**  
Associate Professor Sanja Stanić, PhD  
LECTURES

This course treats urban space as a social construct shaped and affected by social protagonists, practices and institutions. While society produces space in various and multi-faceted ways and shapes its social usage, space, in turn, defines social life and community. Students are introduced to social theories of urban space and acquire basic knowledge of designing sociological research, through the methods and tools adequate for comprehending space-related phenomena. The topics are accompanied by results of sociological and other social research of urban space and the city and illustrated by good practice examples. The course features discussions on numerous issues, for example, on the changes of the late-capitalist city is subject; on the determinants and values inherent to public space; on the function and significance of green areas; on the reconciliation of urban life with the requirements of sustainability; on recognizing the ideal society in urban utopias; on social processes and structural trends and their spatial manifestations in gated communities; on the impact of social, economic and technological changes on the re/construction of the space of everyday life; on the experience of the office; on the meaning of home; on the identification and development of a relationship of belonging to a place.

## URBAN PLANNING 2

Professor Dario Gabrić,  
(course supervisor)  
Assistant Professor Ana Grgić, PhD,  
Assistant Professor Hrvoje Bartulović, PhD,  
Antonia Vuletić, Jere Kuzmanić

### LECTURES AND STUDIO WORK

The UP2 course involves work based on comprehensive analysis and solutions of urban planning problems and tasks of different complexity levels, from planning and designing low-density residential zones and the urban reconstruction of city neighborhoods to the design of macro-urban entities such as hospitals, university campuses etc. In terms of their topics, the lectures accompany the practical exercises, thus enabling the interaction of theoretical findings and practice-based references with the process of assignment preparation. As part of the semestral assignment at the practical exercises, the students are encouraged to develop urban-design scenarios which explore spatial and social frameworks and develop various typological and morphological schemes under the assumption of sustainable development, which offer opportunities for the transformation of spaces in terms of program and function.

\* More information of page 104 - 107

## HISTORY OF ARCHITECTURE AND ART 1

Associate Professor Katja Marasović, PhD  
(course supervisor), Dunja Babić, PhD

### LECTURES

Lectures within the HAA1 course provide an overview of the history of the architecture and art of antiquity. The lectures start with the periodization of prehistory and an introduction to the first indications of artistic

expression and the organization of the first settlements. This is followed by an overview of the architecture and art of the civilizations of Mesopotamia, Persia and other regions of the ancient Middle East, as well as Egypt, the civilizations on the Aegean Sea, the Phoenicians, Ancient Greece, the Etruscans and Rome. The overview ends with lectures on the early Christian and early Byzantine period. In addition to the history of architecture and the visual arts, the universal history of culture, i.e. the historical and spatial context

## POVIJEST ARHITEKTURE I UMJETNOSTI 1

izv. prof. dr. sc. Katja Marasović  
(voditeljica kolegija)  
dr. sc. Dunja Babić

### PREDAVANJA

Predavanja kolegija PAiU1 donose pregled povijesti arhitekture i umjetnosti starog vijeka. Predavanja započinju periodizacijom prethistorije te upoznavanjem s prvim tragovima umjetničkog izraza i organizacijom prvih naselja. Slijedi pregled arhitekture i umjetnosti civilizacija Mezopotamije, Perzije i drugih prostora drevnog Bliskog istoka, potom Egipta, civilizacija Egejskog mora, Feničana, drvene Grčke, Etruščana i Rima. Pregled završava predavanjima o starokršćanskom i rano bizantskom razdoblju. Pored povijest arhitekture i likovnih umjetnosti pažnja se pridaje općoj povijesti kulture, odnosno povijesnom i prostornom okviru unutar kojeg su nastajala pojedina djela. Zaseban blok predavanja posvećen je Saloni i Dioklecijanovoj palači, a dio nastavnih sati provodi se u obliku terenske nastave obilaskom rimske i starokršćanske Salone, Dioklecijanove palače te posjetom stalnom postavu Arheološkog muzeja u Splitu.

## POVIJEST ARHITEKTURE I UMJETNOSTI 2

izv. prof. dr. sc. Robert Plejić  
(voditelj kolegija)  
prof. dr. sc. Joško Belamarić,  
dr. sc. Dunja Babić

### PREDAVANJA

Putem predavanja, terenskog i seminar-skog rada u sklopu ovog kolegija studenti upoznaju arhitekturu i umjetnost srednjeg vijeka. Predavanja započinju pregledom ranosrednjovjekovne povijesti, arhitekture i umjetničkih ostvarenja, slijedi potom razvijeni srednji vijek odnosno arhitektura, skulptura i slikarstvo romanike i gotike. Posebna pažnja pridaje se povijesti arhitekture i umjetnosti na tlu Hrvatske; nadalje predromaničkoj odnosno starohrvatskoj arhitekturi Dalmacije te opusu domaćih majstora poput Andrije Buvine, Radovana, Blaža Jurjeva Trogirana i Jurja Dalmatinca. Dio nastave provodi se u obliku terenske nastave obilaskom ranosrednjovjekovnih, romaničkih i gotičkih spomenika unutar povijesnih jezgri Splita i Trogira, posjetom muzejima, posebice stalnom postavu Muzeja hrvatskih arheoloških spomenika u Splitu kao i posjetom privremenim izložbama i sudjelovanjem na skupovima koji bi obrađivali tematiku iz područja srednjovjekovne umjetnosti. Dio nastavnih sati predviđen je za upoznavanje i savladavanje crtanja nacрта arhitektonskih ostvarenja karakterističnih za pojedinu stilsku epohu.

## POVIJEST ARHITEKTURE I UMJETNOSTI 3

izv. prof. dr. sc. Robert Plejić  
(voditelj kolegija)  
prof. dr. sc. Joško Belamarić,  
dr. sc. Dunja Babić

### PREDAVANJA

U sklopu kolegija PAiU3 studenti usvajaju znanja o ključnim arhitektonskim i umjetničkim ostvarenjima razdoblja rane i kasne renesanse te manirizma, paralelno sa znanjima o povijesnom i kulturnom okviru unutar kojega su ona nastajala. Pažnja se također pridaje razvoju znanosti te njezinom utjecaju na razvoj umjetnosti XV. i XVI. stoljeća, a poseban fokus je stavljen na tekstove teoretičara arhitekture. Prvi ciklus predavanja posvećen je arhitekturi i umjetnosti rane renesanse u Firenci i drugim značajnim središtima na prostoru Italije. Slijedi potom pregled arhitekture i umjetnosti visoke renesanse te naposljetku, arhitekture i umjetnosti kasne renesanse i manirizma. Poseban naglasak je na opusu pojedinih majstora poput Brunelleschija, Albertija, Bramantea, Michelangela i Palladija. Zasebni blokovi predavanja posvećeni su arhitekturi i umjetnosti razdoblja renesanse na sjeveru Europe te u Dalmaciji, s naglaskom na ostvarenja poput šibenske katedrale, krstionice i kapele trogirske katedrale te dubrovačkih ljetnikovaca. Dio nastave provodi se u obliku terenske nastave obilaskom renesansnih spomenika unutar povijesnih jezgri Splita i Trogira.

## POVIJEST ARHITEKTURE I UMJETNOSTI 4

doc. dr. sc. Snježana Perojević  
(voditeljica kolegija)  
dr. sc. Dunja Babić

### PREDAVANJA

Kolegij se fokusira na razvoj arhitekture i umjetnosti u razdoblju od početka XVII. do kraja XIX. stoljeća. Posebna pažnja pridaje se razumijevanju političkih i društvenih prilika, razvoju znanosti i filozofije te njihovom utjecaju na razvoj umjetnosti. Prvi ciklus predavanja posvećen je baroknoj i rokoko arhitekturi i umjetnosti na različitim prostora-

rima Europe, kao i na tlu Hrvatske. Slijede predavanja o teoriji, arhitekturi i umjetnosti neoklasicizma i historicizma na europskom i hrvatskom tlu. Posljednji ciklus posvećen je umjetnosti romantizma i impresionizma, a završava sažetim pregledom od postimpresionizma preko umjetničkih pravaca XX stoljeća. Dio nastavnih sati provodi se u obliku terenske nastave obilaskom karakterističnih baroknih zahvata na sakralnim, profanim i javnim građevinama unutar povijesne jezgre Splita te posjetom stalnom postavu Galerije umjetnina u Splitu.

## POVIJEST URBANE FORME

izv. prof. dr. sc. Robert Plejić  
(voditelj kolegija)

### PREDAVANJA

Predavanja kolegija PUF donose pregled povijesnog razvoja složene forme grada. Pregled tipoloških odrednica organizacije prvih naselja u prapovijesti nastavlja se tumačenjem procesa kristalizacije grada na primjerima drevnih civilizacija Bliskog istoka i Mediterana. Analiziraju se primjeri srednjovjekovnih gradova u Europi i Hrvatskoj, urbanih intervencija u razdoblju renesanse, baroknih transformacija, imperijalnih gradova i prijestolnica te specifičnih urbanih formi 19. stoljeća. U pregledu dvadesetog stoljeća komentiraju se karakteristični modernistički koncepti, dosezi i promašaji novih urbanih regulacija, državni i korporacijski urbanizam te nove urbanističke prakse. U svakoj od preglednih jedinica posebna pažnja pridaje se hrvatskim primjerima, njihovim posebnostima i vrijednostima u širem europskom kulturnom prostoru. Razvoj urbanih formi sagledava se u kontekstu političkih i društvenih prilika razdoblja i teoretski tumači sukladno prevladavajućim znanstvenim i filozofskim odrednicama.

\* Od akademske godine 2019./20. jedan dio sadržaja ovog kolegija predavat će se u sklopu novog kolegija Moderni urbanizam.

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of particular works, is also covered. A separate block lecture is dedicated to Salona and Diocletian's Palace, and a part of the course consists of field visits to the Roman and early Christian remains of Salona, to Diocletian's Palace and to the permanent exhibition of the Archeological Museum in Split.

## HISTORY OF ARCHITECTURE AND ART 2

Associate Professor Robert Plejić, PhD  
(course supervisor), Professor Joško Belamarić, PhD, Dunja Babić, PhD

### LECTURES

The lectures, field classes and seminars that make up the course introduce to the students the architecture and art of the Middle Ages. The lectures start with an overview of early-Medieval history, architecture and artistic achievements, followed by that of the high Medieval period, i.e. Romanesque and Gothic architecture, sculpture and painting. Special attention is given to the history of architecture and art in the area of Croatia; above all, to the pre-Romanesque or early Croatian architecture of Dalmatia and the opus of the local masters like Andrija Bučina, Radovan, Biagio di Giorgio da Trau and Giorgio da Sebenico. A part of the course consists of field visits to early-Medieval, Romanesque and Gothic monuments in the historical centers of Split and Trogir, visits to museums, especially to the permanent exhibition of the Museum of Croatian Archaeological Monuments in Split, as well as of visits to temporary exhibitions and of participation in conferences on the subject of Medieval art. Another part of the course is dedicated to familiarization with the plans of architectural achievements characteristic of a particular period and to mastering their drawing.

## HISTORY OF ARCHITECTURE AND ART 3

Associate Professor Robert Plejić, PhD  
(course supervisor), Professor Joško Belamarić, PhD, Dunja Babić, PhD

### LECTURES

The objective of the HAA3 course is to acquaint the students with the major archi-

tectural and artistic achievements of the periods of early, high and late Renaissance and Mannerism and with the historical and cultural context of their creation. The course also covers the development of science and its impact on the development of art in the fifteenth and sixteenth century, with special focus on the texts of the theoreticians of architecture. The first lecture cycle is dedicated to Renaissance architecture and art in Florence and other major centers in the area of Italy. This is followed by an overview of high-Renaissance architecture and art and, finally, of the architecture and art of late Renaissance and Mannerism. Particular emphasis is placed on the oeuvre of masters such as Brunelleschi, Alberti, Bramante, Michelangelo and Palladio. Separate series of lectures are dedicated to Renaissance architecture and art in northern Europe and Dalmatia, with emphasis on achievements such as the Šibenik cathedral, the baptistry and chapel of the Trogir cathedral and the summer residences in Dubrovnik. Part of the course consists of field visits to Renaissance monuments in the historical centers of Split and Trogir.

## HISTORY OF ARCHITECTURE AND ART 4

Assistant Professor Snježana Perojević, PhD  
(course supervisor), Dunja Babić, PhD

### LECTURES

The course focuses on the development of architecture and art in the period from the beginning of the 17th to the end of the 19th century. Special importance is attached to understanding the political and social circumstances, the development of science and philosophy and their influence on the development of art. The first lecture cycle is dedicated to Baroque and Rococo architecture and art across Europe, as well as in the area of Croatia. This is followed by lectures on Neoclassicist and Historicist theory, architecture and art in Europe and Croatia. The last cycle is dedicated to Romanticist and Impressionist art and ends with a concise overview of periods from Post-Impressionism to the artistic movements of the 20th century. Part of the course consists of field visits to characteristic Baroque interventions on sa-

**SUVREMENA ARHITEKTURA 1**

prof. dr. sc. Darovan Tušek

## PREDAVANJA

Kolegij obrađuje razvoj moderne arhitektonske paradigme u svijetu u razdoblju od početka XX. stoljeća do Drugoga svjetskog rata. Cilj kolegija je osposobiti studente da na temelju ključnih arhitektonskih realizacija tog razdoblja prepoznaju ključne točke i širi kontekst tog procesa, analiziraju doprinos pojedinih autora i uspostave argumentiranu strukturu kriterija koji su presudno utjecali na autorske projektantske odgovore. U okviru kolegija obrađuje se utjecaj novih graditeljskih tehnologija na arhitektonsku produkciju na prijelazu stoljeća, značaj tzv. Čikaške škole i F.L.Wrighta, pojava novih stilova i bečke secesije, Deutsche Werkbund, ekspresionizam, utjecaj Bauhauasa, fenomeni konstruktivizma u sovjetskoj arhitekturi, nizozemski De Stijl, rani opus Gropiusa, Mies van der Rohe, Le Corbusiera i drugih ključnih autorskih osobnosti u formuliranju modernističke paradigme te aplikacija koncepta "internacionalnog stila" na području Europe i Sjedinjenih američkih država tijekom 1920-ih i 1930-ih godina.

\*Od akademske godine 2019./20. sadržaj ovog kolegija predavat će se u sklopu novog kolegija Moderna arhitektura.

**SUVREMENA ARHITEKTURA 2**

prof. dr. sc. Darovan Tušek

## PREDAVANJA

Kolegij se tematski nastavlja na kolegij SA1. U prvom dijelu kolegija razmatra se razvoj hrvatske arhitekture od početka XX. stoljeća do Drugoga svjetskog rata, što uključuje secesijsku arhitekturu prvih desetljeća prošlog stoljeća i modernističku arhitekturu u razdoblju između dva svjetska rata. U drugom dijelu kolegija obrađuju se glavni procesi i autorski opus glavnih nositelja tih procesa u svjetskoj arhitekturi od završetka Drugoga svjetskog rata do sredine 1960-ih godina, uključujući arhitektonsku scenu Sjedinjenih američkih država, niza europskih zemalja, zatim država Srednje i Južne Amerike, Japana i arhitektonsku produkciju kasnih modernista.

\* Od akademske godine 2019./20. sadržaj ovog kolegija predavat će se u sklopu novog kolegija Moderna arhitektura, a dio sadržaja koji se odnosi na hrvatsku arhitekturu izmjestit će se unutar kolegija Hrvatska arhitektura XX. stoljeća na diplomskom studiju.

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cred, profane and public buildings in the historical center of Split and to the permanent exhibition of the Gallery of Fine Arts in Split.

**HISTORY OF THE URBAN FORM**

Associate Professor Robert Plejčić, PhD

## LECTURES

Lectures within the HUF course provide an overview of the historical development of the complex form of the city. An overview of the typological characteristics of the organization of the first settlements in prehistory is followed by the interpretation of the process of the emergence of the city based on the examples of the ancient civilizations of the Middle East and the Mediterranean. Analyses cover examples of Medieval cities in Europe and Croatia, urban interventions during the Renaissance period, Baroque transformations, imperial cities and capitals and the distinctive urban forms of the 19th century. An overview of the twentieth century includes a discussion of characteristic Modernist concepts, the achievements and drawbacks of new urban regulations, state and corporate urban planning and new urban-planning practices. Each of the subject units of the overview contains special references to examples in Croatia, their specific features and value within the broader European cultural framework. The development of urban forms is considered in the context of the political and social circumstances of each period and theoretically interpreted in accordance with the predominant scientific and philosophical frame of reference.

\*Starting with the academic year 2019/20, some topics pertaining to this course will be taught as part of a new course called Modern urbanism.

**CONTEMPORARY ARCHITECTURE 1**

Professor Darovan Tušek, PhD

## LECTURES

The course covers the development of the modern architectural paradigm in the world in the period from the beginning of the 20th century to the Second World War. The objective of the course is to enable the students to identify the main points and broader context

of this process based on the major architectural achievements of the period, to analyze the contributions of specific authors and to form a well-argued structure of the criteria that decisively influenced authorial design responses to the process. The course covers the influence of new building technologies on architectural production at the turn of the century, the significance of the so-called Chicago School and F. L. Wright, the emergence of new styles and the Vienna Secession, the Deutsche Werkbund, Expressionism, the influence of Bauhaus, the phenomena of Constructivism in Soviet architecture, the Dutch De Stijl, the early works of Gropius, Mies van der Rohe, Le Corbusier and other central author figures with regard to the shaping of the Modernist paradigm and the application of the concept of "international style" in Europe and the United States of America during the 1920s and 1930s.

\* Starting with the academic year 2019/20, this course will be taught as part of a new course called *Modern architecture*.

**CONTEMPORARY ARCHITECTURE 2**

Professor Darovan Tušek, PhD

## LECTURES

In terms of its subject, the course is a continuation of the MA1 course. The first part of the course examines the development of Croatian architecture from the beginning of the 20th century to the Second World War, including the Secession architecture of the first decades of the past century and the Modernist architecture of the interwar period. The second part of the course covers the key processes, and the oeuvre of their principal protagonists, in international architecture, from the end of the Second World War to the mid-1960s, including those on the architectural scene of the United States of America, several European countries, Central and South American countries and Japan, as well as the architectural production of late Modernists.

\* Starting with the academic year 2019/20, this course will be taught as part of a new course called *Modern architecture*, while the topics referring to Croatian architecture will be reorganized as part of the graduate course *Twentieth-century Croatian architecture*.

**RADOVI 2017./18.**



**STUDIO WORK 2017/18**



## CRTANJE 1

doc. Ana Kuzmanić

Tina Vukasović, Damjan Barić

### CRTANJE PO PROMATRANJU

Serijom vježbi crtanja po promatranju studenti se upoznavaju sa svim fazama izgradnje prostoručnog crteža te različitim pristupima u izradi crteža. Naglasak je na crtanju kao stvaralačkoj disciplini u kojoj se studenti suočavaju s tri osnovna pitanja: Što vidiš? Što misliš o tome? Što ćeš učiniti s tim? (Jacques Rancière, "Učitelj neznanica"). Studente se usmjerava u odgovaranju na prvo pitanje (Što vidiš?) budući da je ta razina dostupna svima, neovisno o individualnom mišljenju, dok ih se u odgovorima na druga dva pitanja potiče da donose samostalne zaključke kako bi se emancipirali u stvaralačkom procesu.



Petra Kerum: Crtanje po promatranju / Observational Drawing

## DRAWING 1

### OBSERVATIONAL DRAWING

Through a series of observational drawing exercises, the students are introduced to all the stages of creating a freehand drawing and to different approaches to drawing. The emphasis is on drawing as a creative discipline in which the students are confronted with three main questions: What do you see? What do you think about it? What will you do with it? (Jacques Rancière, "The Ignorant Schoolmaster: Five Lessons in Intellectual Emancipation"). While the students are guided in answering the first question (What do you see?), seeing that it is a level accessible to all of them, regardless of their private opinions, in answering the other two questions, they are encouraged to form conclusions independently in order to become emancipated in the creative process.

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Antonio Vukičević: Crtanje po promatranju / Observational Drawing

### ILUSTRIRANI ESEJ

Vježba je inspirirana je dialektogramom umjetnika Mich Millera. Studenti trebaju vlastitim jezikom, kombinirajući crtež i tekst, opisati prostor u kojem žive. Osim osnovnih prostornih karakteristika bilježi se i analizira atmosfera te iskustvo življenja u određenom prostoru. Analiza prostora radi se u tri faze (soba, stan, zgrada) nakon čega se osmišljava detaljan plan narativa koji će vizualno i tekstualno komunicirati jasnu i jedinstvenu priču o specifičnom prostoru. Studente se potiče da osvijeste razlike između vizualnog i tekstualnog izražavanja te pronađu vlastiti izraz ovisno o individualnim predispozicijama. Završna predaja je ručno crtan plakat formata B1 na kojem se kompozicija sva tri navedena segmenta prezentira kao jedinstvena cjelina.

### ILLUSTRATED ESSAY

The exercise is inspired by the dialectograms of artist Mitch Miller. In their own language, by combining drawing and text, the students have to describe the space in which they live. Along with the basic spatial characteristics, the atmosphere and experience of living in a certain space are also recorded and analyzed. The analysis of space is done in three phases (the room, the apartment, the building), followed by the laying out of a detailed plan of the narrative which will visually and textually communicate a clear and unique story of a certain space. The students are encouraged to identify the differences between visual and textual expression and discover their own idiom, depending on their individual artistic predispositions. The final submission is a hand-drawn poster in the B1 format, on which the composition of all three mentioned segments is presented as an integral whole.

# MOJ DOM



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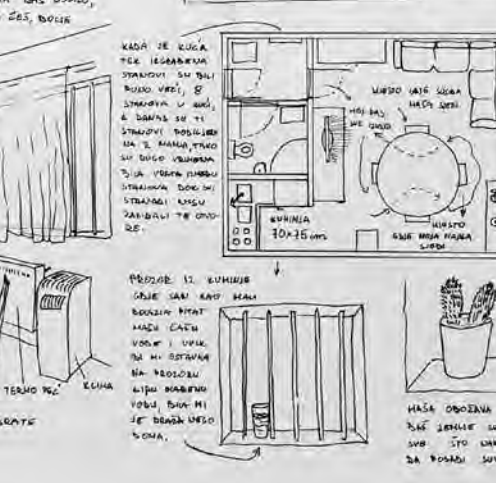
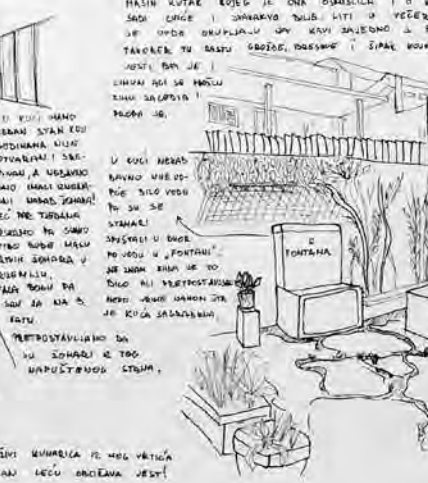
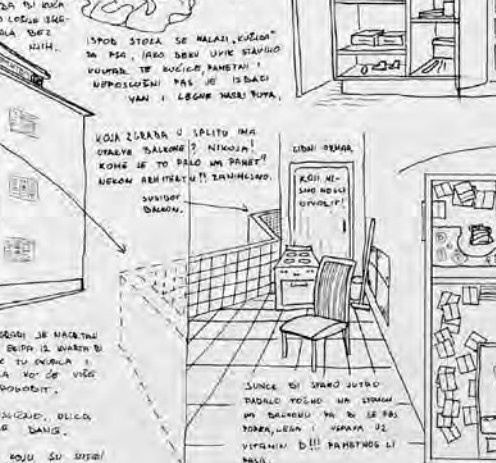
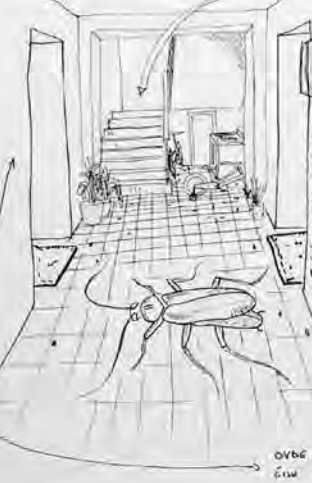
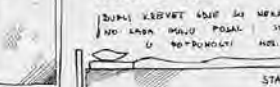
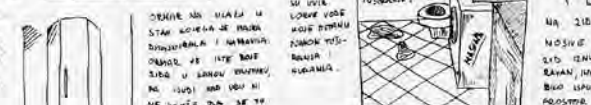
VELIKO STABLO KOSTELE ISPRED NAVE (DA 20-25) U VISINI I ŽELJE.

JOŠ BI SMO SE VINE OKUPILI I SVIŠTI IMA MISTO IŠPRED KOSTELE

PRISJEĆAM SE KAD SU ODLOŽILI REKONSTRUKCIJU NAŠ STANJE KODI JE BIL VELO STAR I REKONSTRUKCIJA TO SMO TIŠI UAPRVO VIT BILU PRISJEĆAM NIŠTO MOŠI JEER JE NEKO BIL U SASUVU, PAKULO JE KODI, A I OVA KOJE SU BILU BILU UP NEŠTO I UPOVJERLIVU, NA SVAKI DILJAKAK STANU BI JOŠNAVA NAKON DOUGODJAVANJA HEŠU STANAVANJA, ŽELJADA JE BILU KOR- BIT I UŠEŠTI SMO NEŠTO TAKO SMO MI UŠEŠTI IŠEŠTI NAŠ STAN.



REKONSTRUKCIJE JE POČELO, SVAKI SMO S MOVA STANJE I U STANU SE SU PREDSTAVILI KOŠEŠTI NALUVA, NISKO ČEŠE, ŽELJE I NEKO ŠTAP NEŠTO NEŠTO IDENTIFIKACIJA, TO ŠEŠE SU ŽELJEŠE, ŽELJE SU ŽELJEŠE I ŽELJEŠE I ŽELJEŠE NEŠTO NEŠTO NEŠTO NEŠTO.



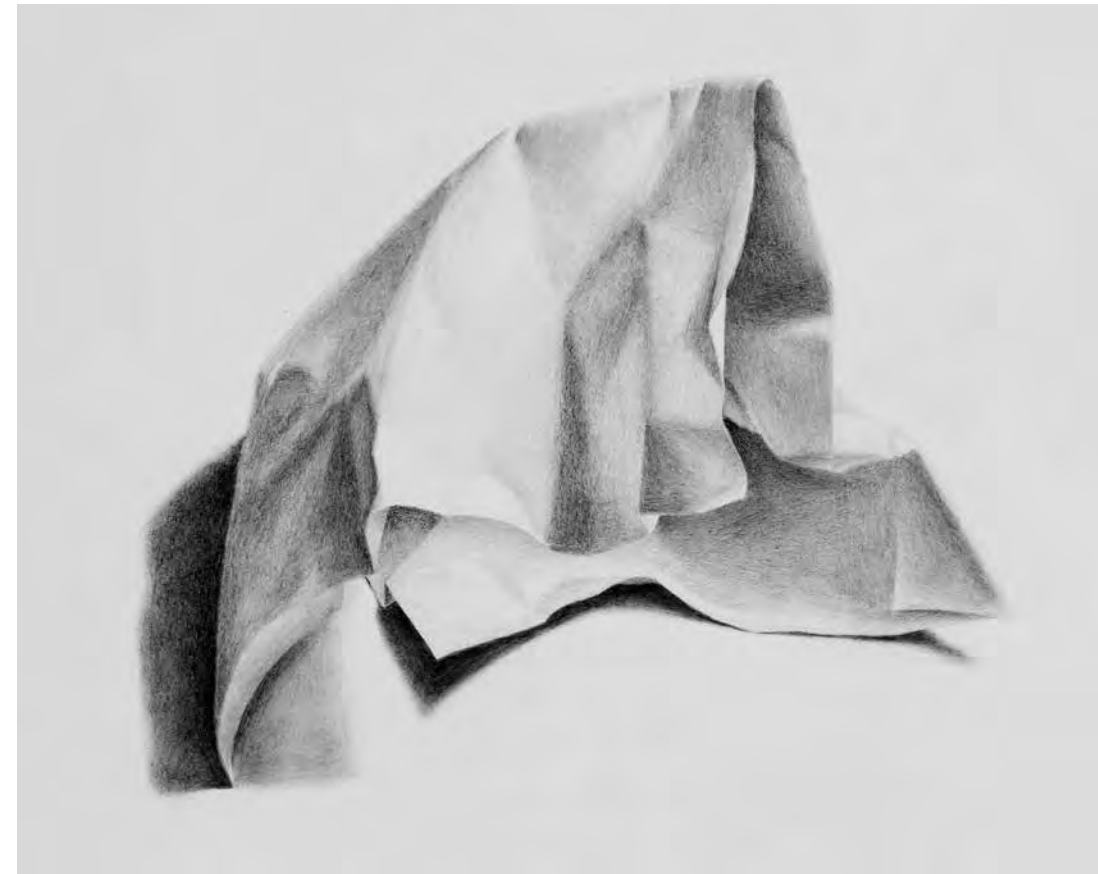
## CRTANJE 2

doc. Ana Kuzmanić

Tina Vukasović, Damjan Barić

### CRTANJE PO PROMATRANJU I TERENSKO CRTANJE

Uz vježbe crtanja po promatranju koje se nastavljaju na ciklus vježbi iz prethodnog semestra, u sklopu ovog kolegija stječe se i iskustvo terenskog crtanja. Za terensko crtanje odabrana je lokacija sportsko-trgovačkog kompleksa Gripe-Koteks. Svaki student je dobio unaprijed pripremljenu knjižicu u kojoj je na zadanoj lokaciji unutar zadanog vremenskog ograničenja crtežom trebao zabilježiti dva osnovna prikaza prostora: total plan i vanjski interijer. Kako se dijelovi tog prostora trenutno ne koriste i prepušteni su propadanju, drugi dio zadatka je uključivao simulaciju nove vizije zadanog prostora. Koristeći skice napravljene na terenu, studenti su trebali nacrtati prijedlog nove uporabe zadanog prostora. Pri tom je naglasak bio na korištenju crteža kao prezentacijskog alata.



Petra Kerum: Crtanje po promatranju / Observational Drawing

## DRAWING 2

### OBSERVATIONAL DRAWING AND FIELD SKETCHES

Along with observational drawing exercises which are a continuation of the exercises from the previous semester, this course also provides experience in creating field sketches. The location chosen for field sketches was that of the Gripe-Koteks sports and commercial complex. Each student received a pre-designed booklet which they had to fill out, at the specified location and within the specified deadline, with two basic renderings of space: complete view and external interior. Considering that parts of Gripe-Koteks complex are currently not in use and have been left to decay, the second part of the assignment included the simulation of a new vision for the complex. Based on their field sketches, the students had to draw their proposal of a new use. The emphasis was on using the drawing as a presentation tool.

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## LOGO

Zadatak je prema modelu slobodno odabranog postojećeg loga kao općeg mjesta vizualne svijesti napraviti prezentacijsku formu vlastitog imena. U prvoj fazi studenti trebaju analizirati osnovne karakteristike izabranog loga, slovne oblike koji se u njemu koriste, načine kako su konstruirani te odnose pozitiva i negativna. Uočene karakteristike koriste kako bi konstruirali slova koja nedostaju te stvorili mimikriju u kojoj je zamjena imena skoro neuočljiva.

## LOGO

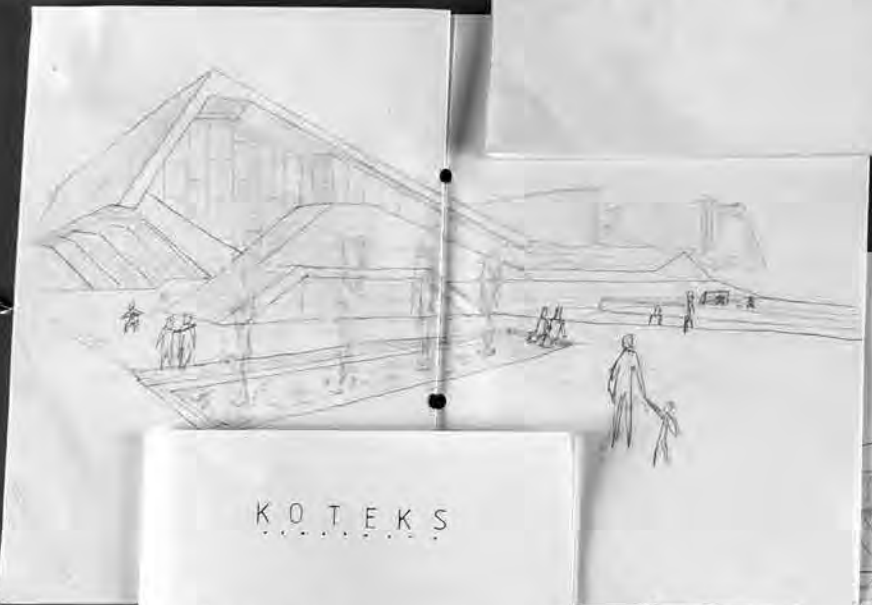
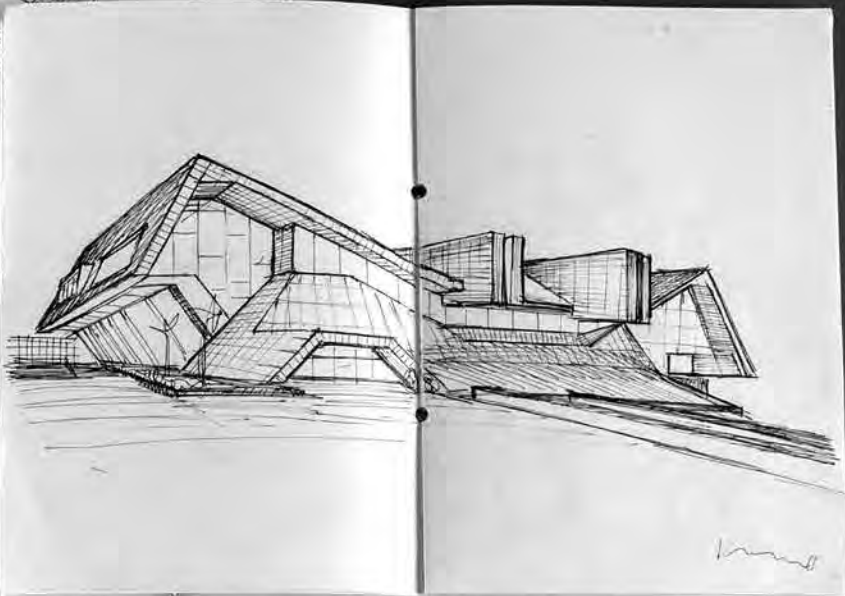
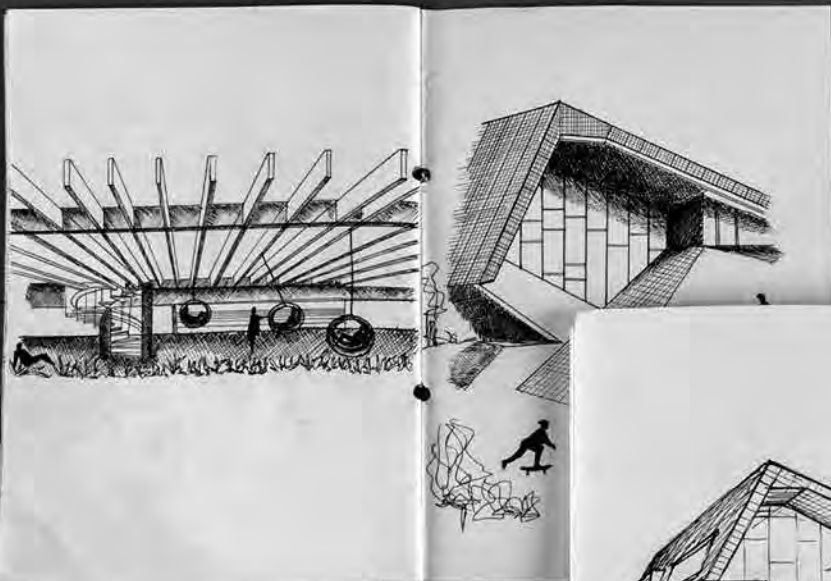
The assignment consists in making a presentational form of one's own name based on the model of a freely chosen existing logo, as a common motif in the visual consciousness. In the first phase, the students have to analyze the basic characteristics of the chosen logo, the fonts used in it, the methods of their construction and the relations between the positives and the negatives. They use the observed characteristics to construct the missing letters and create mimicry, owing to which the replacement of names is almost unnoticeable.



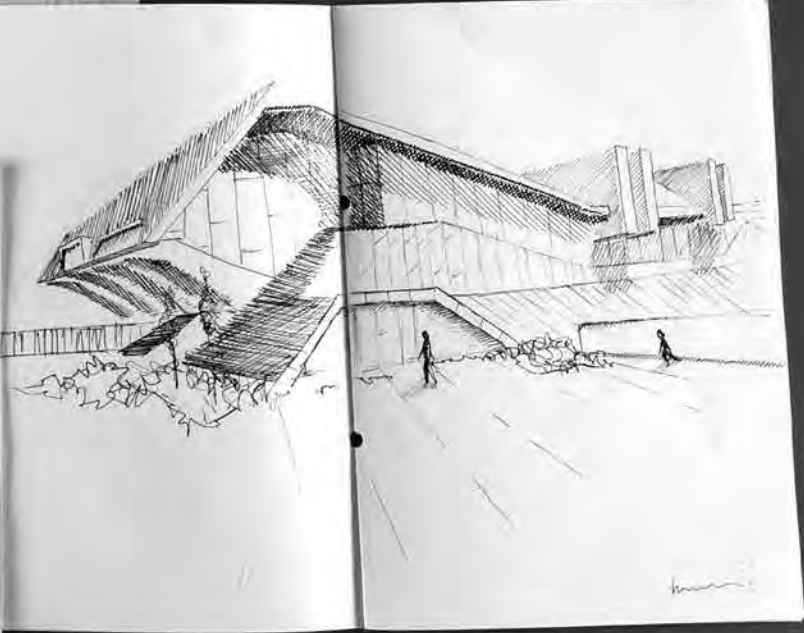
Kate Delić



Ana Ivančić



K O T E K S  
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C R T A N J E 2



## OBLIKOVANJE

doc. Ana Kuzmanić

Tina Vukasović, Damjan Barić

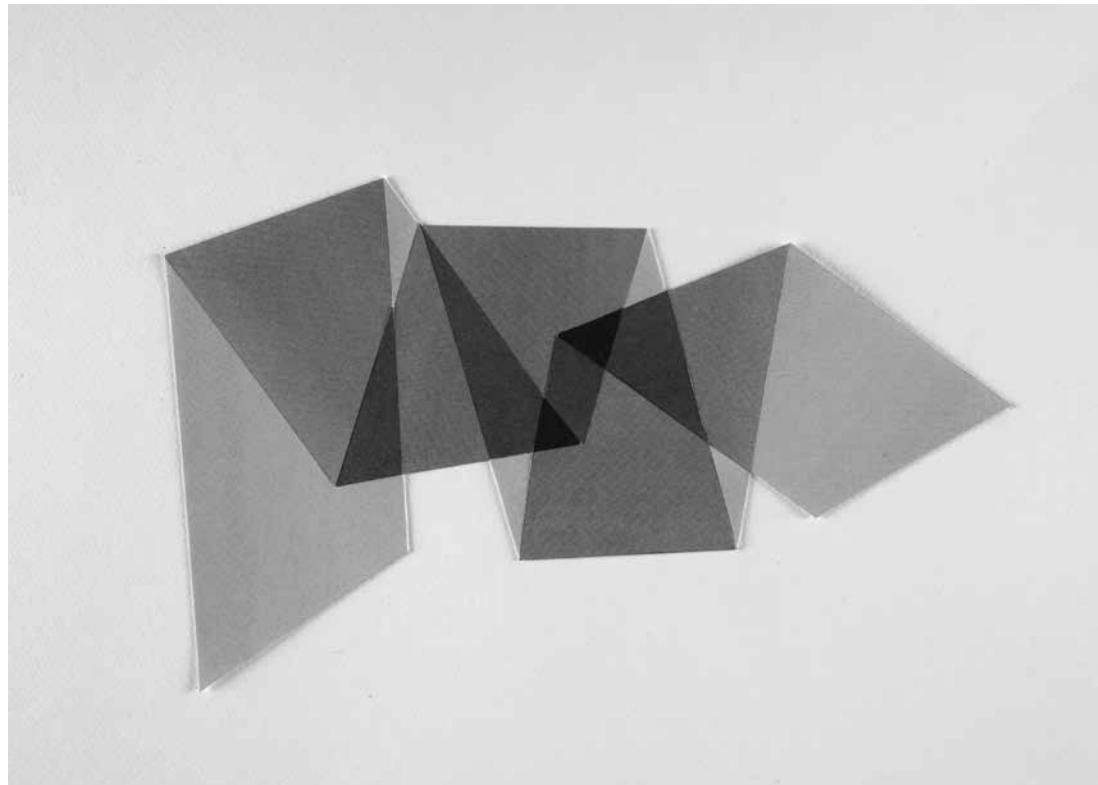
## VISUAL DESIGN

### TONAL SCALE

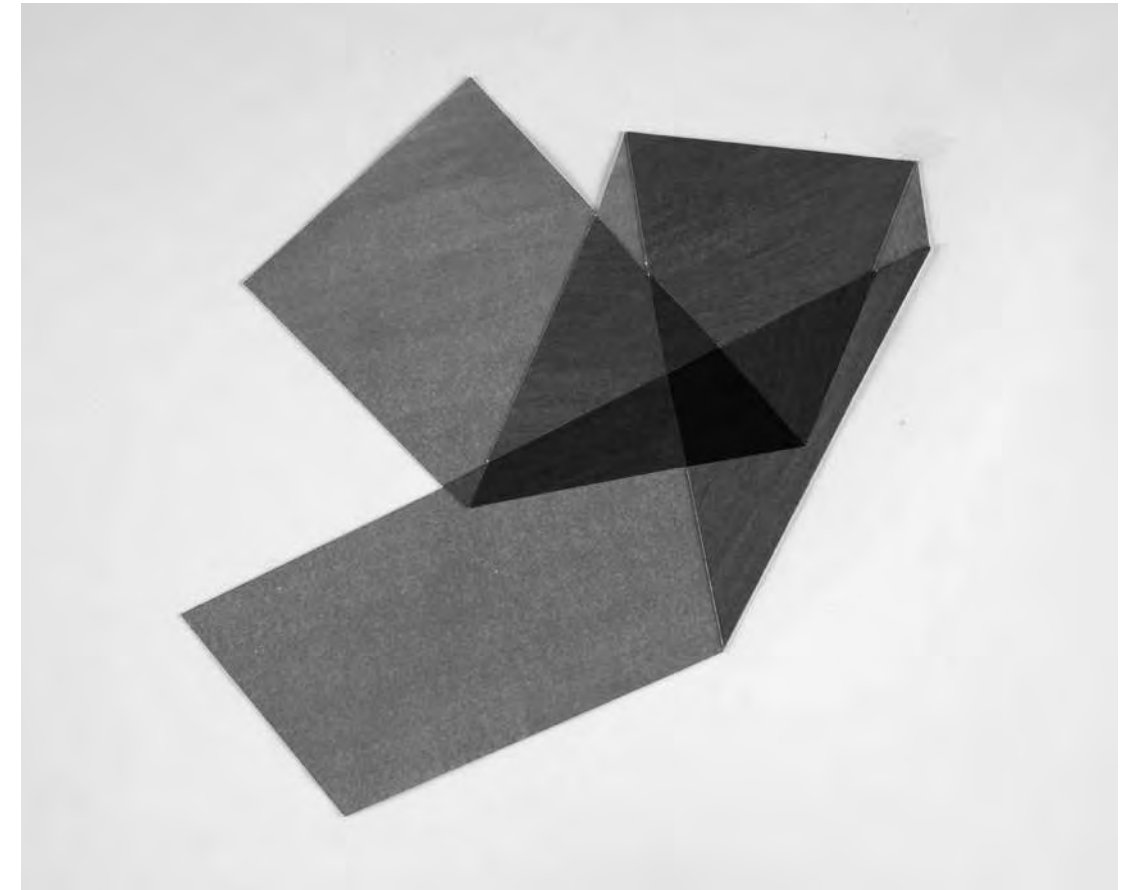
The assignment deals with the basics of color theory. By using the aquarelle techniques, the students create a two-dimensional composition which, owing to its correct tonal ratios, creates the illusion of the overlapping of transparent paper. The two-dimensional composition is constructed based on a model made from a folded strip of paper with multiple degrees of overlap.

### TONSKA SKALA

Zadatak se bavi osnovama teorije boje. Koristeći tehniku akvarela studenti stvaraju dvodimenzionalnu kompoziciju u kojoj se, zbog ispravnih tonskih odnosa, stvara iluzija preklapanja transparentnog papira. Dvodimenzionalna kompozicija konstruira se prema predlošku prethodno napravljenom od presavijene trake papira s višestrukim stupnjevima preklapanja.



Akulina Čović



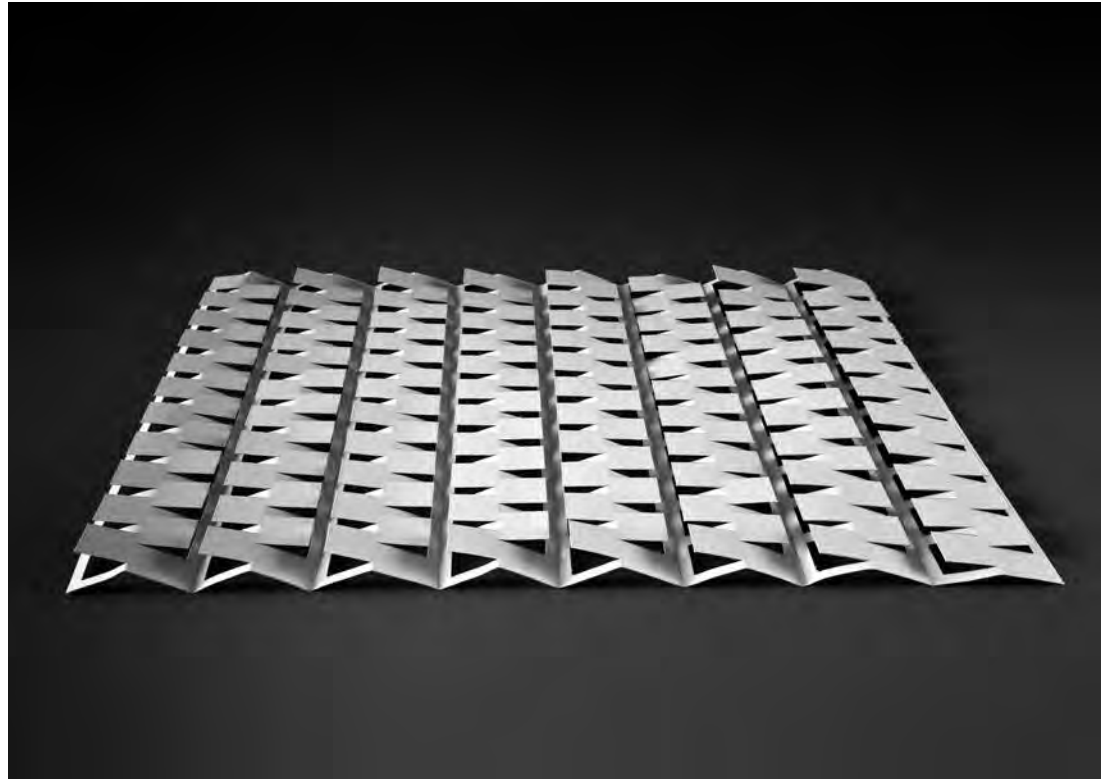
Karla Štajduhar

## OBLIKOVANJE REZANJEM I SAVIJANJEM

Zadatak je od lista papira napraviti trodimenzionalnu strukturu koristeći tehniku savijanja i rezanja bez dodavanja ili oduzimanja materijala. Korištenjem osnovnih tehnika savijanja i rezanja u izradi interaktivnih formi studenti se upoznaju s osnovama geometrije i razvijaju trodimenzionalno razmišljanje. Nakon što oblikuju vlastitu osnovnu strukturu, mijenjajući parametre njenog oblikovanja te omjere i intenzitete intervencije, trebaju stvoriti verzije različitih ritmova iste strukture pazeći pritom na konstruktivne i likovne aspekte kompozicije.

## MODELLING BY CUTTING AND FOLDING

The assignment consists in making a three-dimensional structure from a sheet of paper by using the technique of folding and cutting, without adding or removing material. By using the basic techniques of folding and cutting in making interactive forms, the students learn about the elements of geometry and develop three-dimensional thinking. Having modeled their own basic structure, by changing the modelling parameters and the scale and intensity of intervention, they have to create versions of the same structure with different rhythms, while paying attention to the structural and visual aspects of the composition.



Helena Zorić

## OBLIKOVANJE SAVIJANJEM

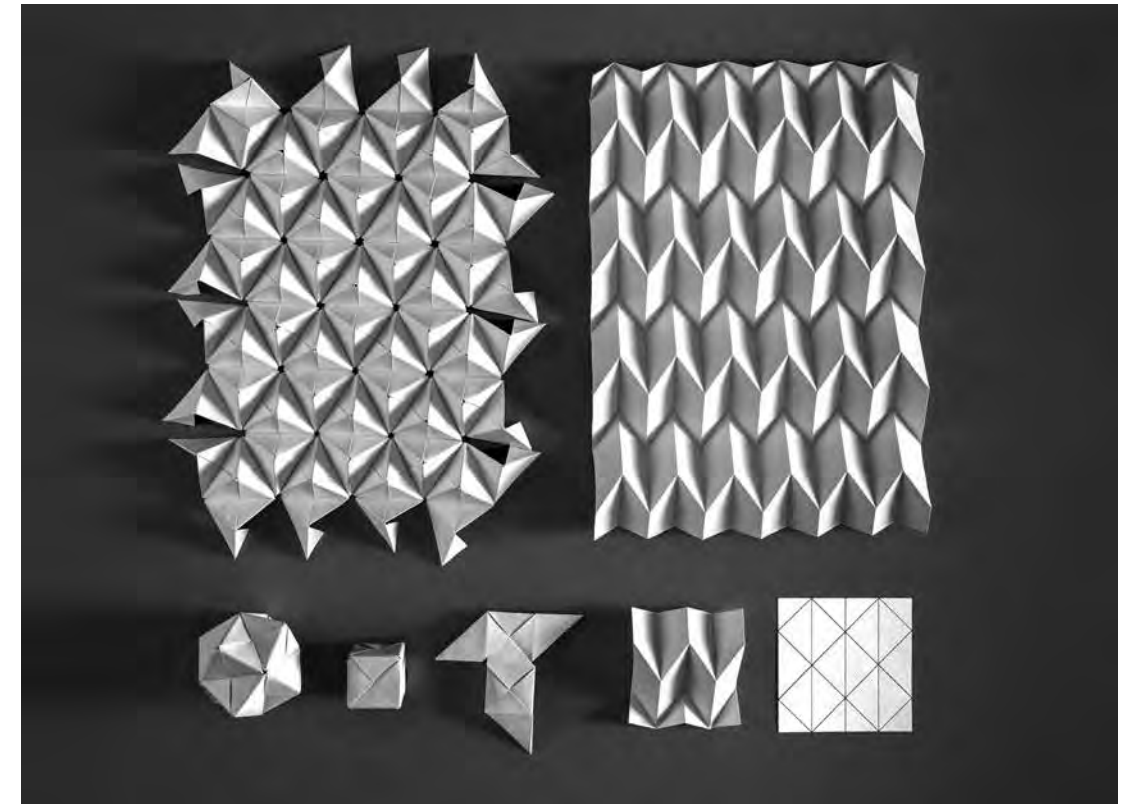
Zadatak je od lista papira napraviti trodimenzionalnu strukturu koristeći tehniku savijanja. U početnoj fazi studente se upoznaje s osnovama origamija te mogućnostima oblikovanja struktura tehnikom savijanja. Eksperimentiranjem i razvijanjem tehnike savijanja studenti testiraju formu i uče osnovne principe geometrije. Nakon što oblikuju vlastitu osnovnu strukturu studenti trebaju iskoristiti njen tlocrt kako bi isti modul različitim smjerovima i načinima savijanja pretvorili u nove prostorne forme.

## MODELLING BY FOLDING

The assignments consist in making a three-dimensional structure from a sheet of paper using the technique of folding. In the first phase, the students are acquainted with the basics of origami and the possibilities of modelling a structure using the technique of folding. By experimenting and developing the technique of folding, the students test the form and learn the fundamental principles of geometry. Having modeled their own basic structure, the students need to use its plan view to transform this same module into new spatial forms by applying different directions and techniques of folding.

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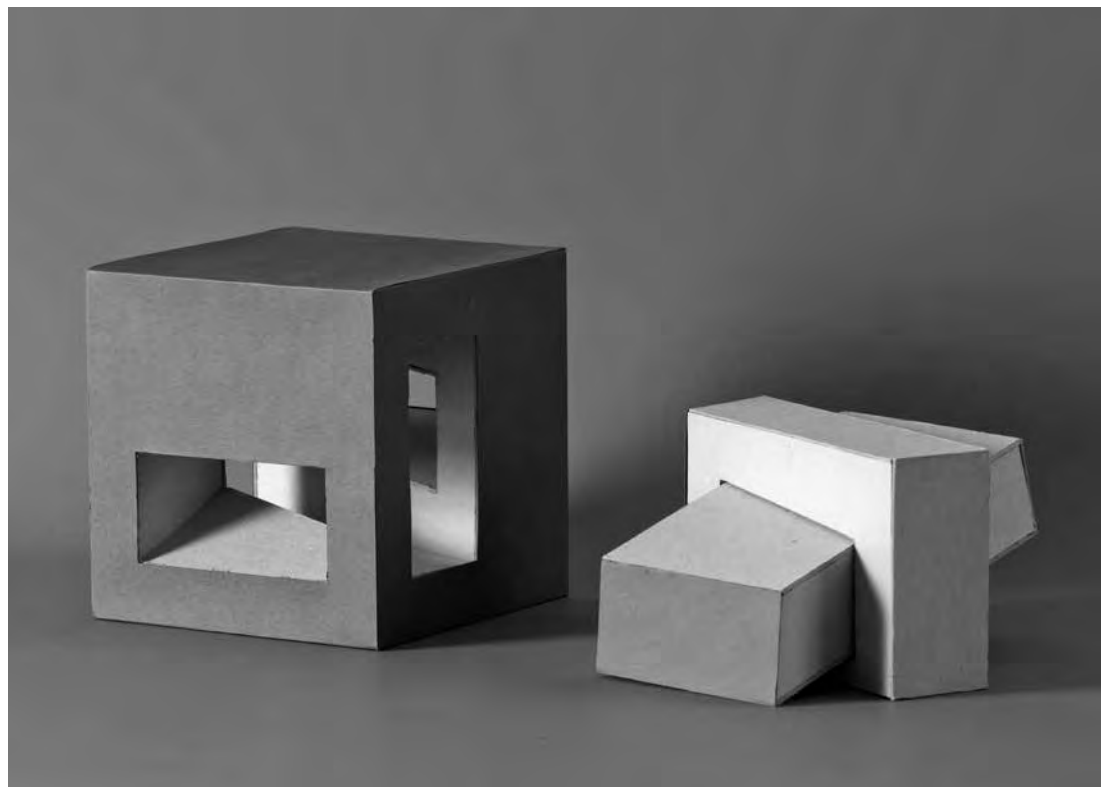
Nora Dešković

## OBLIKOVANJE PRODOROM

Zadatak je oblikovati prostornu kompoziciju prodorom jednog punog tijela kroz drugo. Prodor definira transformaciju početnih formi te utječe na oblikovanje nove forme. U tom procesu student samostalno artikulira posljedice prodora bilo da se radi o suptrakciji, diferenciji ili kombinaciji bilo kojih Boolean operacija na razini volumena ili oplošja. Pri tom se, osim bazičnog kriterija točnosti nekog prodora, istražuju i njegovu oblikovne mogućnosti i likovne kvalitete.

## MODELLING BY INTERSECTION

The assignment consists of modelling a spatial composition by intersecting one solid with another. The intersection defines the transformation of primary forms and affects the modelling of a new form. In the process, the student independently articulates the result of the intersection, whether it is subtraction, difference or a combination of any of the Boolean operations, on a volume or a surface. Besides the basic criterion of the accuracy of an intersection, its modelling potential and visual qualities are also considered.



Nora Dešković

## OBLIKOVANJE OPLOŠJA

Zadatak je oblikovati trodimenzionalno tijelo koje će nastati sučeljavanjem dviju ili više različitih jednostavnih geometrijskih oblika koji se nalaze na paralelnim plohama. Od studenta se očekuje da oblikuje više mogućih rješenja oplošja tako nastalog tijela. Sučeljavati se može više geometrijskih oblika izmicanjem i rotacijom unutar plohe te bilježiti promjene u oplošju nastale takvim transformacijama. Cilj vježbe je razvijati vještine modeliranja tijela na temelju kontroliranih izmjena parametara odnosa geometrijskih oblika i tako nastalog oplošja.

## MODELLING THE SURFACE AREA

The assignment consists in modelling a three-dimensional solid by confronting two or more different simple geometrical shapes on parallel planes. The student is expected to model several possible surface areas of the resulting solid. A number of geometrical shapes can be confronted by shifting and rotation in a plane, and changes of the surface area resulting from such transformations are recorded. The objective of the assignment is to develop the skill of solid modelling based on controlled changes of the parameters of the relation between geometrical shapes and the resulting surface area.

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STUDY OF ARCHITECTURE AND URBAN PLANNING YEARBOOK 2017/18



Nora Dešković

## ARHITEKTONSKA PREZENTACIJA

izv. prof. Vanja Ilić

doc. Ana Kuzmanić, Branka Juras,

Andrija Vrdoljak

Zadan je prostorni okvir  $10 \times 10 \times 10$  m, bez primarne funkcije, mjesta i konteksta. U sklopu zadanog prostornog okvira studenti projektiraju paviljon. Temu oko koje će razviti prostornu zamisao paviljona odabire student. Nakon što se osmisli koncept i arhitektonsko rješenje studenti izrađuju sve prezentacijske elemente projekta koristeći različite medije i tehnike. Elementi prezentacije se izrađuju po fazama od jednostavnijih prema složenijim te se u konačnici sklapaju u cjelovitu, ujednačenu prezentaciju. Studente se potiče da istražuju adekvatne tehnike prezentacije primjerene specifičnosti određenog projekta.

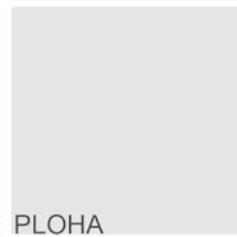
## ARCHITECTURAL PRESENTATION

An assignment begins with space without a primary function, location or context. The dimensions of that space are  $10 \times 10 \times 10$  m, within which the students design a pavilion. The theme of the spatial concept of the pavilion is chosen by the students. After creating an architectural concept and designing the pavilion, the students prepare all the elements of project presentation using different media and techniques. The presentation elements are prepared in stages, from the simpler to the more complex ones, and finally brought together into a comprehensive, uniform presentation. The students are encouraged to explore the presentation techniques adequate for the specific features of a project.

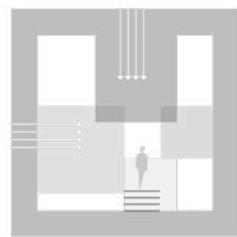
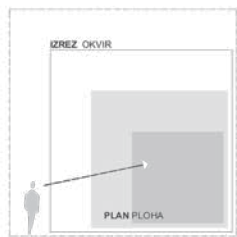
IZREZ LINIJA



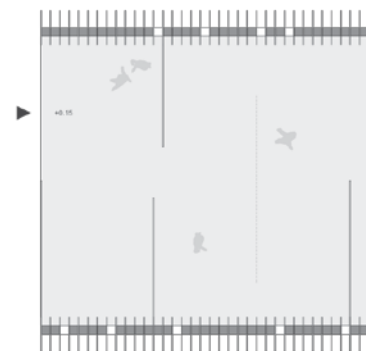
PLAN PLOHA



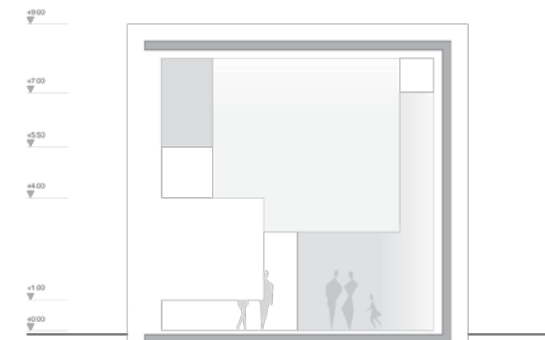
RAKURS VOLUMEN



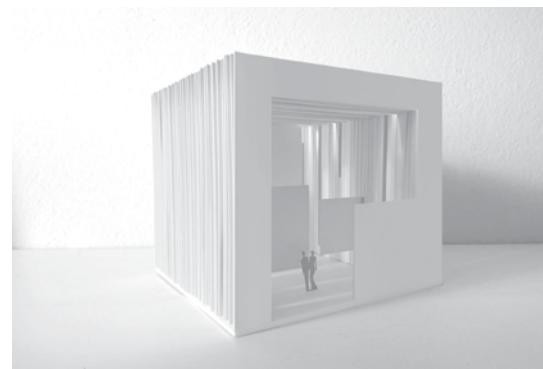
Akulina Čović: Kadrovi svjetlosti / Frames of light



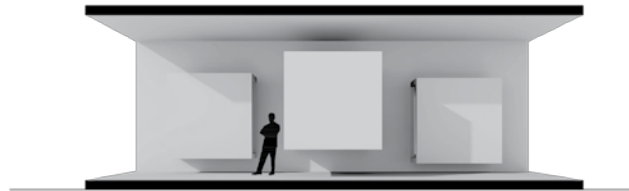
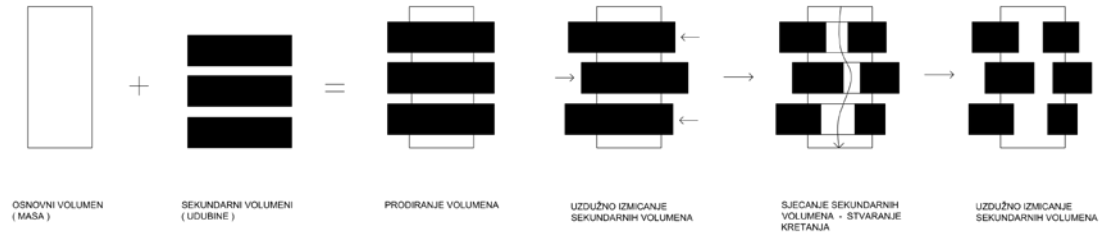
TLOCRT  
1:100



PRESJEK 1  
1:100

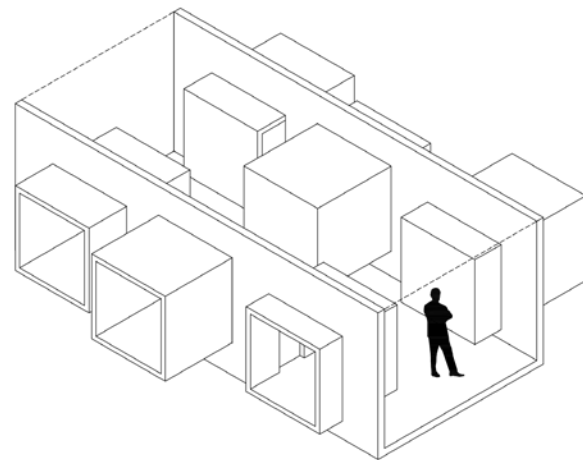




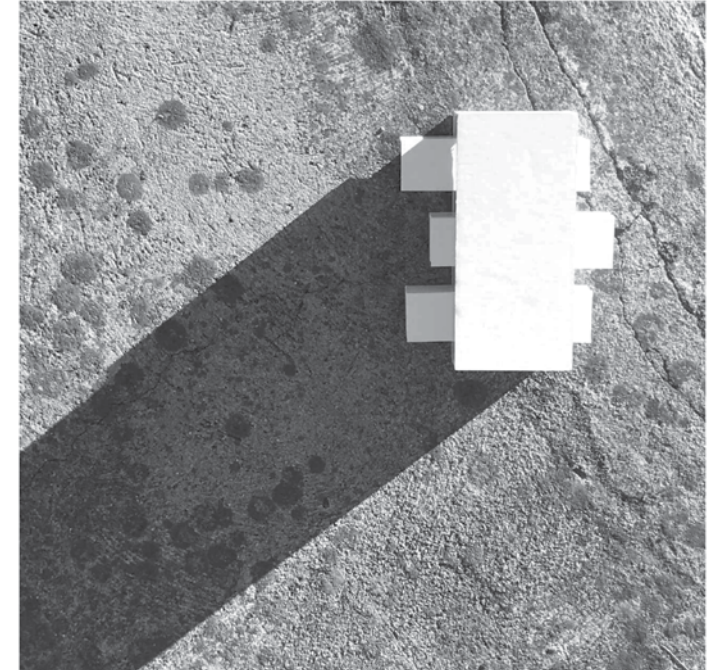


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Mislav Krajina: Prodor / Intrusion



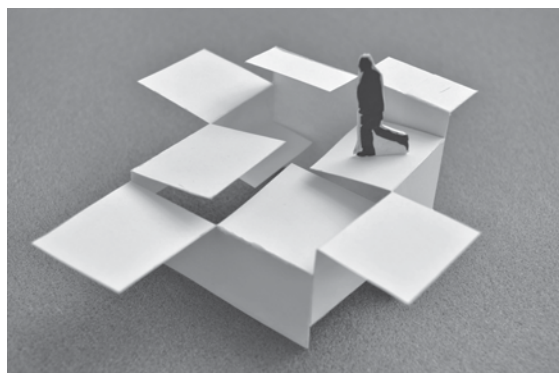
**OSNOVE ARHITEKTONSKOG  
PROJEKTIRANJA 1**

doc. **Lea Pelivan**  
doc. dr. sc. Sanja Matijević Barčot,  
Silvija Ivanišević, Dujam Ivanišević

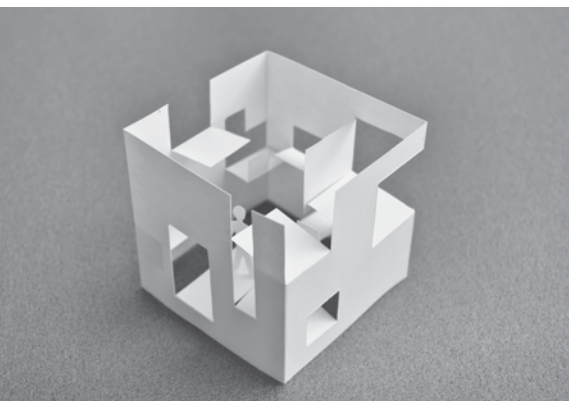
Zadaci na kolegiju OAP11 predstavljaju pet fokusiranih studija kojima se studente potiče na istraživanje i promišljanje fundamentalnih elemenata projektantske discipline. Svaka studija se fokusira na jedan od aspekata arhitektonskog prostora, a tematskim predavanjem predstavlja je drugi predavač: Presjek (Dujam Ivanišević), Organizacija (Dario Gabrić), Mjerilo (Nikola Popić), Otvor (Iva Letilović), Kretanje (Lea Pelivan).

**STUDIJA#1 PRESJEK**

Metodom izrezivanja i presavijanja plašta otvorenog volumena kocke zadanih dimenzija istražuju se mogućnosti za prostorno rješenje jednostavnog programa (igra, spavanje, meditacija, pjevanje ili čitanje) za zadanog korisnika.



Ivona Kandasć



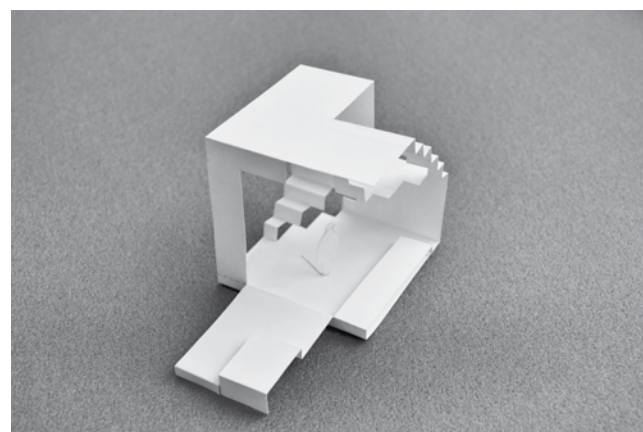
Petra Kerum

**INTRODUCTION TO ARCHITECTURAL  
DESIGN 1**

Assignments within the IAD1 course take the form of five focused studies which encourage the students to examine and consider the fundamental elements of the field of design. Each study focuses on one aspect of architectural space and is introduced in the following topical lectures, each given by a different lecturer: Section (Dujam Ivanišević), Organization (Dario Gabrić), Scale (Nikola Popić), Aperture (Iva Letilović), Motion (Lea Pelivan).

**STUDIJA#1 SECTION**

The method of cutting and folding the envelope of the open cube with specified dimensions is used to explore the design possibilities for a simple program (play, sleeping, meditation, singing or reading), intended for a specified client.



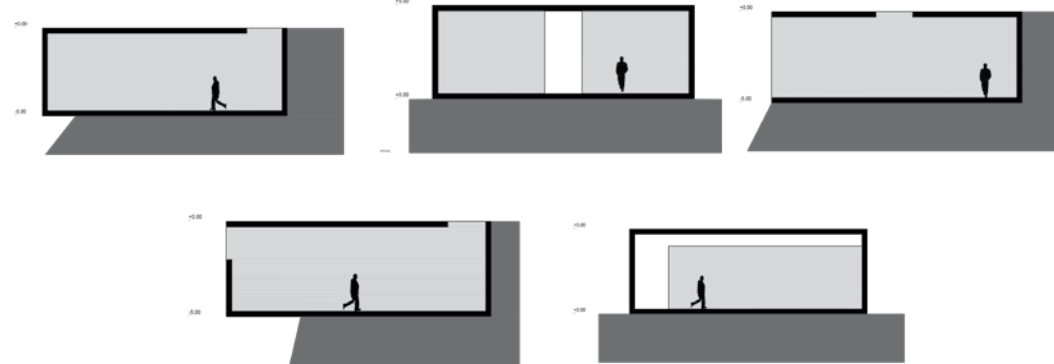
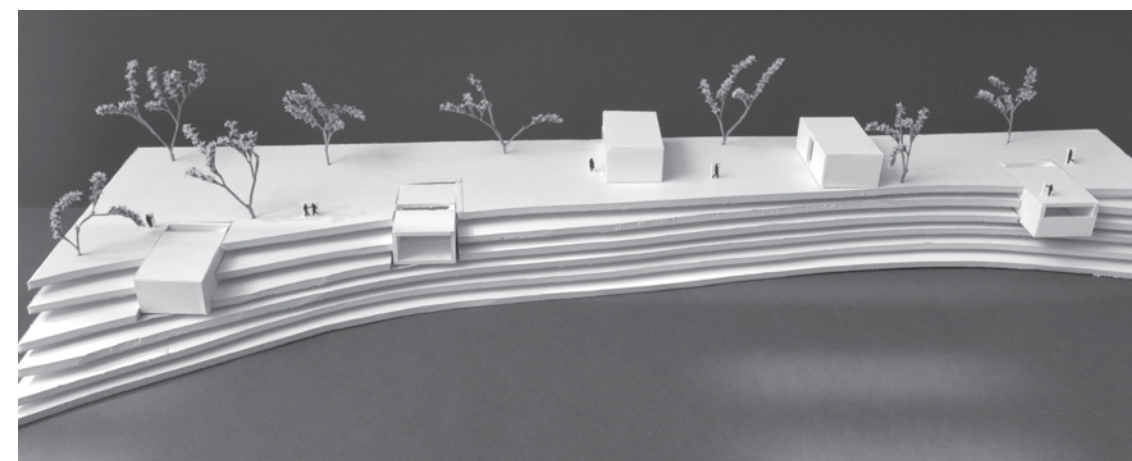
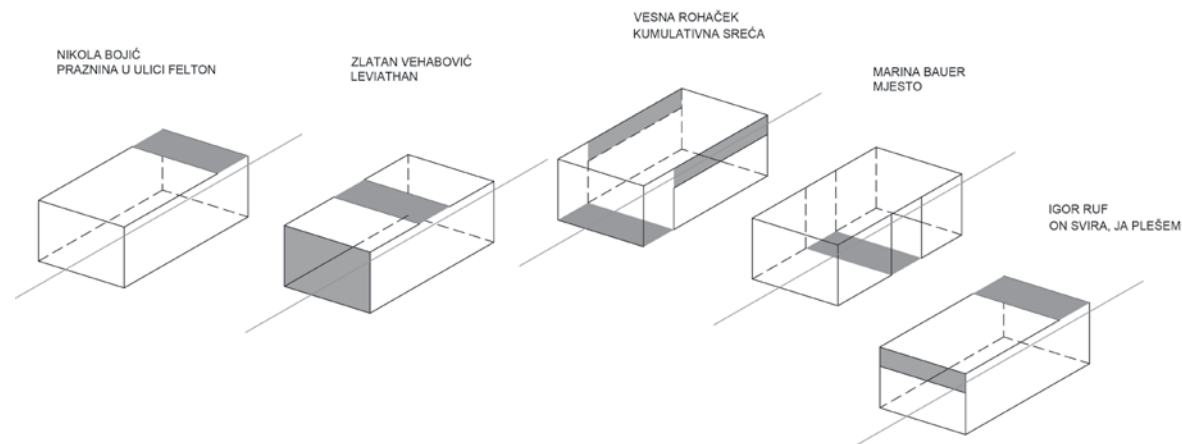
Antonio Vukičević

**STUDIJA#2 ORGANIZACIJA**

U prirodnom okolišu borove šume, na stvarnoj lokaciji između Meštrovićevog ateljea i Meštrovićevog Kašteleta u Splitu, pet prostorija pravilnog oblika, svaku posvećenu jednom umjetničkom djelu, potrebno je organizirati u smisleni prostorni međuodnos.

**STUDY#2 ORGANIZATION**

In the natural environment of a pine forest, on the actual location between Meštrović's studio and his exhibition space Kaštelet in Split, five rooms of regular shape, each dedicated to one work of art, have to be organized into a coherent spatial interrelation.



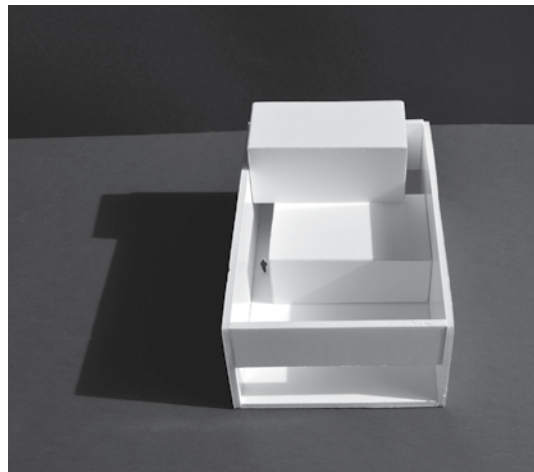
Ivona Kandasć

STUDIJA#3 MJERILO

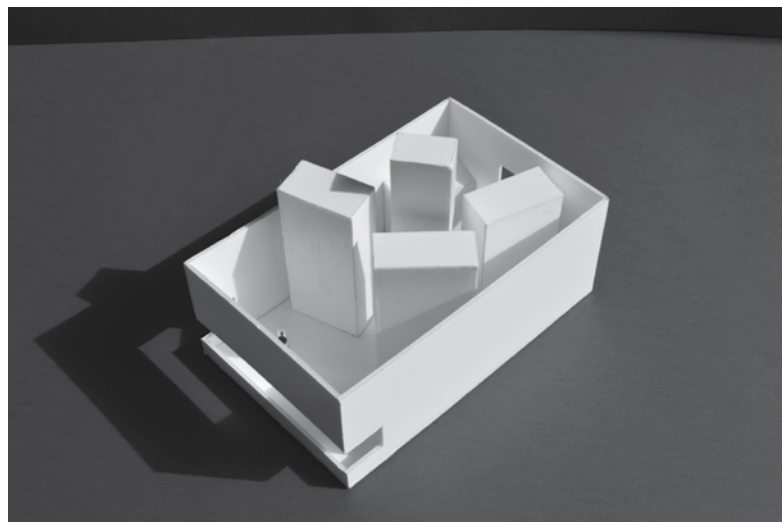
STUDY#3 SCALE

Unutar ovojnice zadanih dimenzija, slaganjem (min. dva maks. pet) volumena i perforacijom otvora u ovojnici potrebno je postići atmosferu zadanog umjetničkog djela pretočenu u oblikovne i prostorne vrijednosti otvorenog prostora unutar ovojnice.

Within an envelope of specified dimensions, students combine (no less than two and no more than five) volumes and perforate apertures in order to attain the atmosphere of a specified work of art, expressed in the formational and spatial values of the open space within the envelope.



Ivona Kandasć



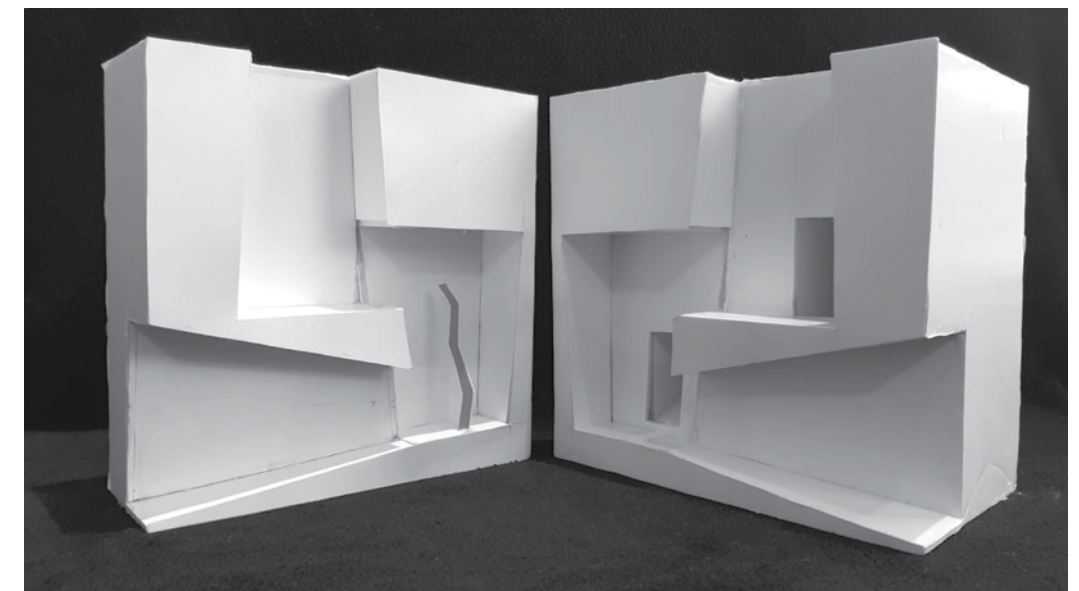
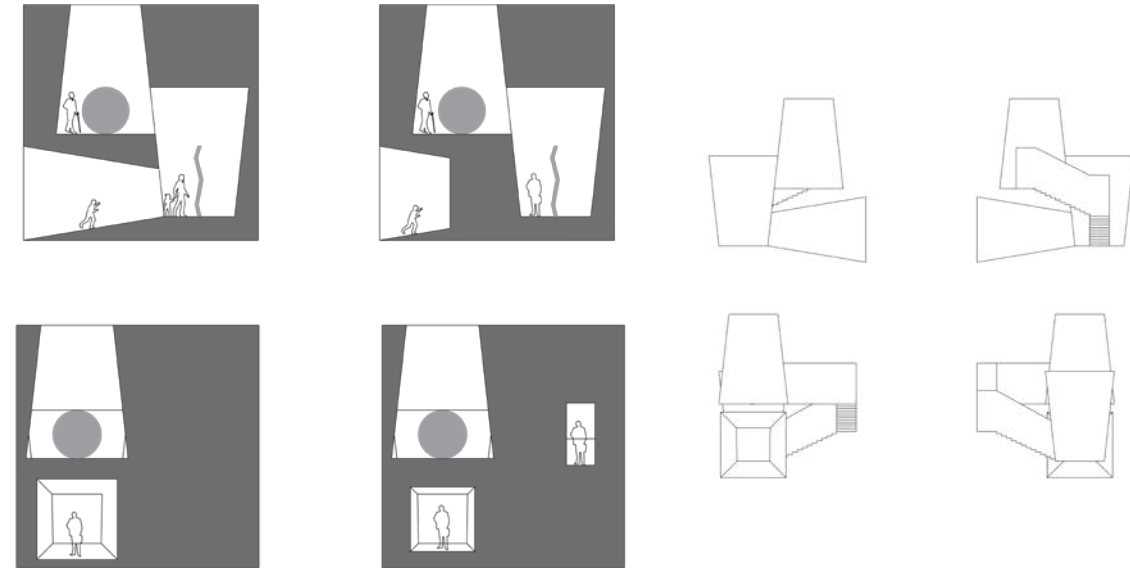
Petra Kerum

STUDIJA#4 OTVOR

STUDY#4 APERTURE

U puni volumen zadanih dimenzija metodom dubljenjem osmisliti prostor za prezentaciju dvaju skulptura Ivana Kožarića: Prizemljeno sunce i Crveni znak. Od studenata se zahtijeva da vode računa o prostornom i vizualnom kontinuitetu unutrašnjih prostora te promišljaju na koji način unutarnji prostori mogu ostvarivati odnos s eksterijerom.

By using the method of carving out a solid volume of specified dimensions, the students have to design a space for the presentation of two sculptures by Ivan Kožarić: The Grounded Sun and The Red Sign. The students are required to take into account the spatial and visual continuity of interior spaces and consider the ways in which interior spaces can relate to the exterior.



Antonio Vukičević

## STUDIJA#5 KRETANJE

Zadan je volumen dimenzija 20 × 20 × 20 m čije su dvije nasuprotne stranice otvorene. Uvođenjem novih ravnina (horizontalnih, kosih, vertikalnih) unutar zadanog volumena treba osmisliti kretanje pojedinca i grupe te nastanjivanje ploha/prostora programom botaničkog paviljona.

## STUDY#5 MOVEMENT

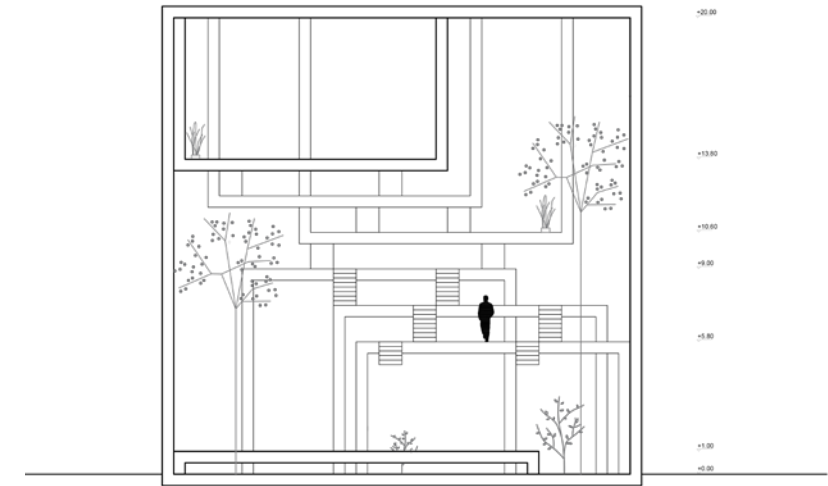
A volume is assigned, with the dimensions of 20 × 20 × 20 m and two opposite sides open. By introducing new planes (horizontal, oblique, vertical) within the assigned volume, the students have to design the movement of individuals and groups, as well as the inhabiting of surfaces/spaces according to the program of the botanical pavilion.



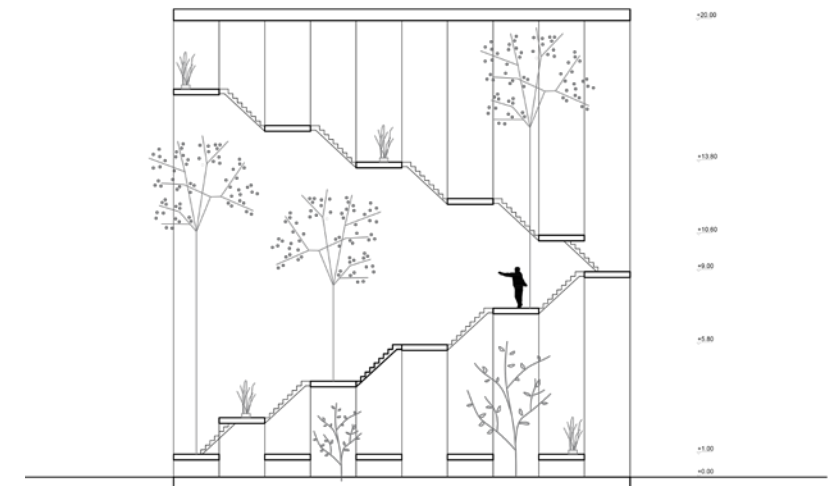
Ivona Kandić

GODIŠNJAK STUDIJA ARHITEKTURE I URBANIZMA 2017/18.

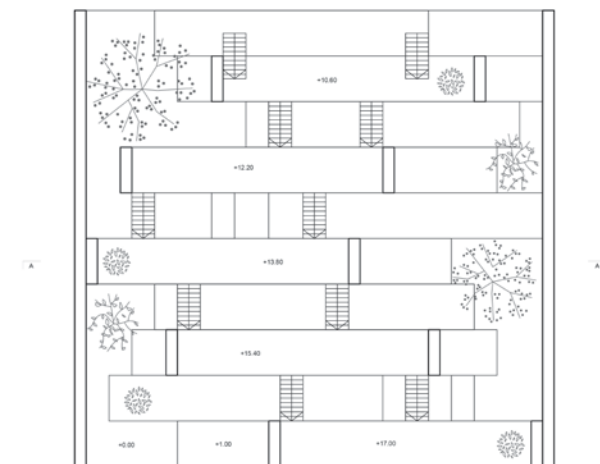
STUDY OF ARCHITECTURE AND URBAN PLANNING YEARBOOK 2017/18



PRESJEK A-A  
M 1:100  
STUDIJA #5  
Ivona Kandić



PRESJEK B-B  
M 1:100  
STUDIJA #5  
Ivona Kandić



TLOCRT 3  
M 1:100  
STUDIJA #5  
Ivona Kandić

## OSNOVE ARHITEKTONSKOG PROJEKTIRANJA 2

doc. Lea Pelivan, doc. Dinko Peračić  
doc. dr. sc. Sanja Matijević Barčot, Silvija  
Ivanišević, Dujam Ivanišević, Andrija Vrdoljak

Na vježbama kolegija OAP2 studenti izrađuju tri  
zadatka, svaki u trajanju 5 tjedana.

### KOREOGRAFIJA ULICE

Zadatak se razvija dvije faze. U prvoj se fazi  
analiziraju se i registriraju različita stanja  
Marmontove ulice: oblici njenog korištenja, načini  
kretanja kroz ulicu, rituali i običaji vezani uz tu  
ulicu te uobičajeni i neočekivani događaji unutar  
nje. Nakon provedenih analiza, u drugoj fazi treba  
osmisliti prostornu intervenciju koja će promijeniti  
zatečene odnose, stvoriti novi doživljaj poznate  
sredine. Ta prostorna intervencija, osim što generira  
novu percepciju ima i vlastiti program, novu  
namjenu. Očekuje se da konstrukcija nove prostorne  
intervencije bude montažna, materijali koji se koriste  
lagani, a presjek ključni alat u razvijanja novog  
arhitektonskog prostora.

## INTRODUCTION TO ARCHITECTURAL DESIGN 2

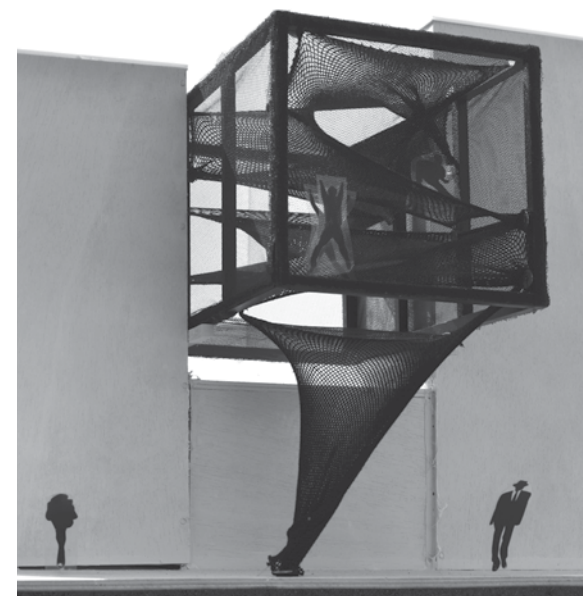
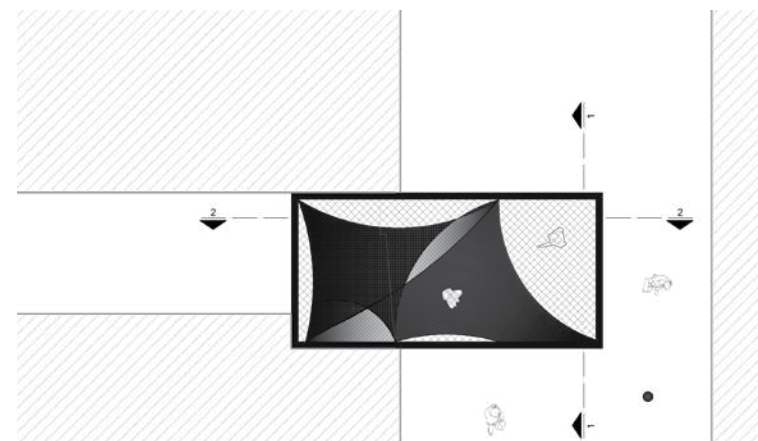
As part of the practical exercises for the IAD2  
course, the students prepare three assignments,  
each in the duration of 5 weeks.

### STREET CHOREOGRAPHY

The assignment is developed in two phases. In  
the first phase, different states of Marmont Street  
are analyzed and recorded: the modes of its use,  
the ways of moving through the street, the rituals  
and customs connected with it and the usual and  
unusual occurrences on it. Following up on the  
conducted analyses, the second phase consists of  
designing a spatial intervention which will change  
the given relations and create a new experience of  
a familiar environment. Apart from generating a  
new perception, this spatial intervention has its own  
program, a new purpose. The structure of the new  
spatial intervention should be prefabricated and the  
materials used for it should be light, whereas the  
section should be the main tool in the development  
of new architectural space.

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Dea Dragičević

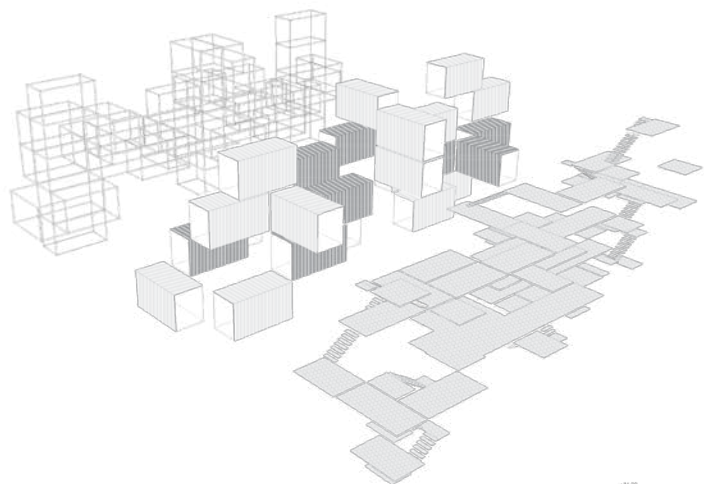


## KOLONIZACIJA PARKINGA

U modulu parkirnog mjesta 2,50 m x 5,00 m treba projektirati tri slobodnostojeća objekta privremenog karaktera koji služe kao smještaj za nomadskog korisnika uz dodatni program po izboru studenta. Visina objekata je P+4, a moguće ih je povezati spojnim mostovima. Privremeni objekti sudjeluju u transformaciji monofunkcionalnog prostora parkinga u prostor promjenjivog programa i povremenih događaja.

## COLONIZATION OF THE CAR PARK

Within the module of a parking space of 2.50 m x 5.00 m, the students have to design three detached temporary structures which will function as accommodation for a group of nomadic users, along with an additional program defined by the students. The height of the structures is set at P+4 and they can be connected by bridges. The temporary structures participate in the transformation of the monofunctional spaces of the car park into a space with a varying program and sporadic events.



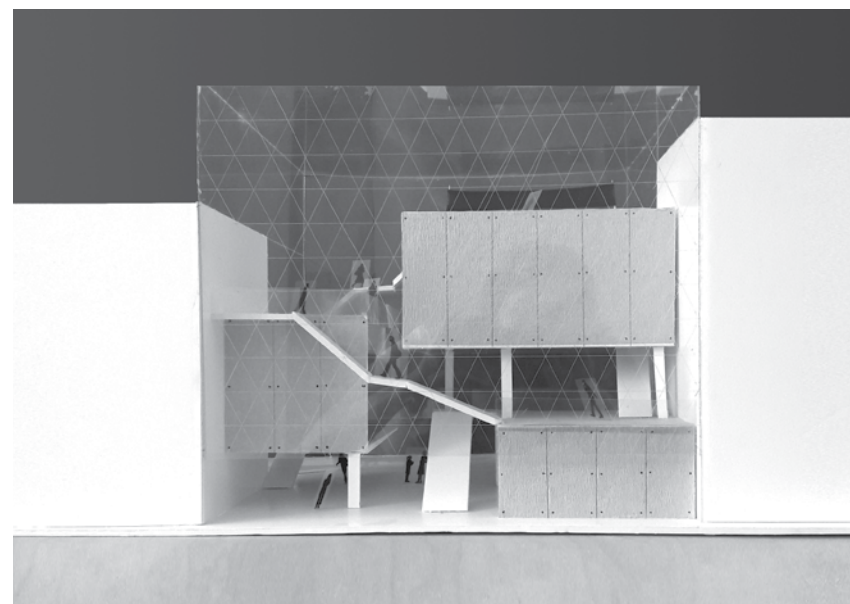
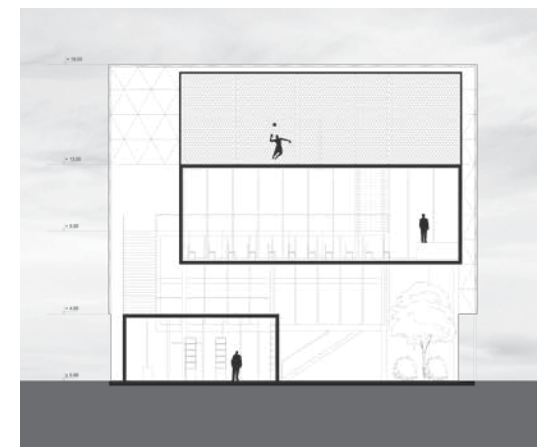
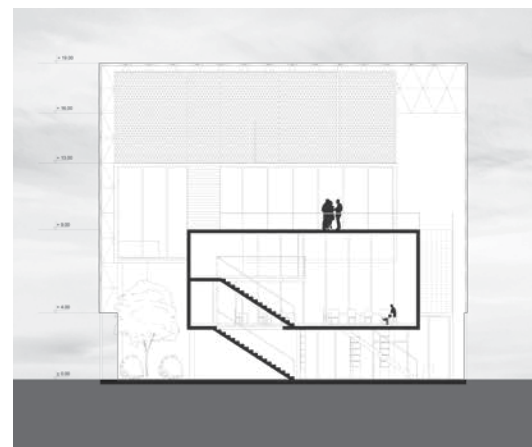
Dora Maškarin

## INDEKS +

U gustom urbanom okruženju, u Ulica kralja Petra Svačića, na parceli između zgrade “Konstruktora” i zgrade “Indexa”, zadatak je projektirati studentski klub koji se sastoji od uredskih prostora za studentski zbor i studentski časopis, polivalentne dvorane i dodatnog sportskog programa po izboru. Prostori se razvijaju po vertikali, a posebnu pažnju treba posvetiti prostorima kretanja. Studente se potiče na promišljanje odnosa između kretanja i doživljaja te istraživanje socijalnog potencijala različitih prostora.

## INDEX +

In the dense urban environment, on the land plot between the “Konstruktor” and “Index” buildings on King Petar Svačić Street, the students have to design a students’ club consisting of office spaces for the student assembly and the student magazine editorial board, a multipurpose hall and an additional sports program selected by the students. The spaces are developed along a vertical and special attention has to be devoted to spaces of motion. The students are encouraged to consider the relationship between motion and experience and explore the social potential of different spaces.



Dorotea Miličić

**RADIONICA ARHITEKTONSKOG  
PROJEKTIRANJA 1**

izv. prof. Nikola Popić,  
izv. prof. Vanja Ilić  
doc. dr.sc. Hrvoje Bartulović,  
Ana Krstulović

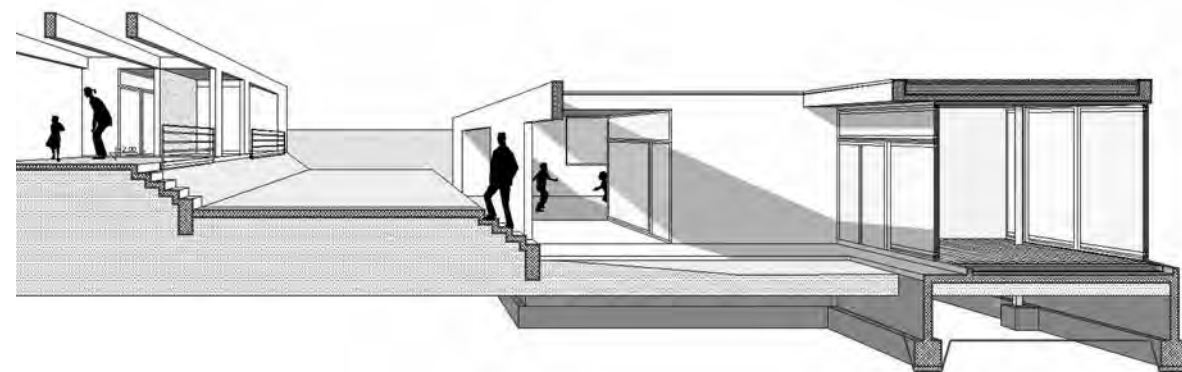
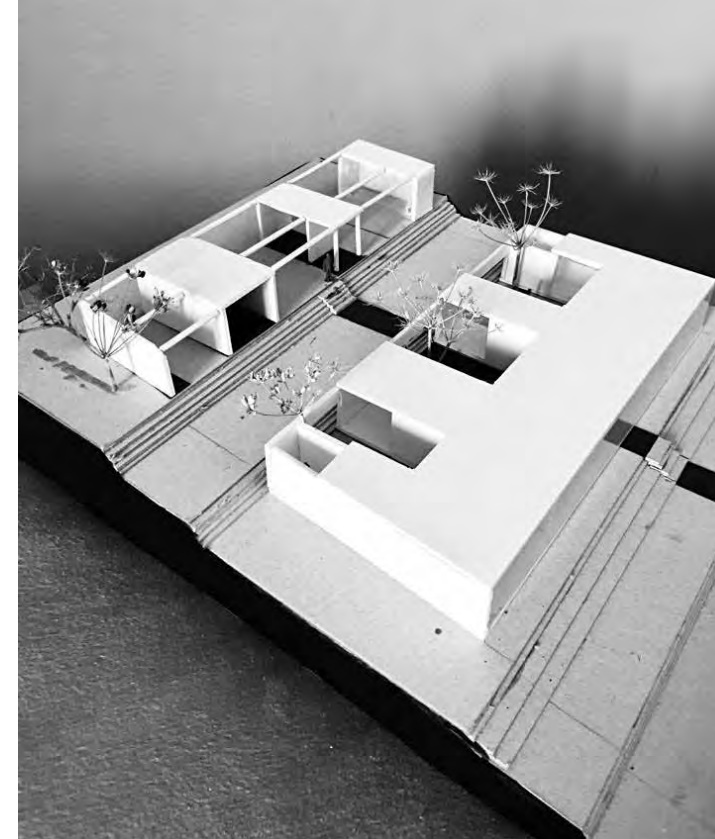
Semestralni zadatak je arhitektonski projekt obiteljske kuće na jednoj od dvije zadane lokacije: prva se lokacija nalazi u Sutivanu na otoku Braču, a druga u Varošu u Splitu. Nakon obilaska terena i sagledavanja urbanističke situacije, studenti odabiru parcelu i pristupaju izradi projekta. Specifičnost lokacije u Sutivanu je blagi pad terena prema moru koje je na sjeveru, a lokacije u Varošu, na Marjanskim padinama, strm nagib prema istoku i blaži nagib prema jugu. Na istoku se pružaju vizure na cijeli grad, na jugu prema splitskom akvatoriju. Osim uobičajenog programa obiteljske kuće koja se sastoji od: ulaznog prostora, wc-a, dnevnog boravka, blagovaonice, kuhinje, spremišta, gospodarskog prostora, roditeljske spavaonice, dvije dječje spavaonice, min. dvije kupaonice, uređenog vanjskog prostora, garaže ili prostora za parkiranje dva automobila, studenti dopunjavaju program s dodatnim sadržajem po vlastitom izboru, u dogovoru s nastavničkim timom (bazen / teretana / prostor za čitanje / prostor za rad / muzička soba, atelje, itd).

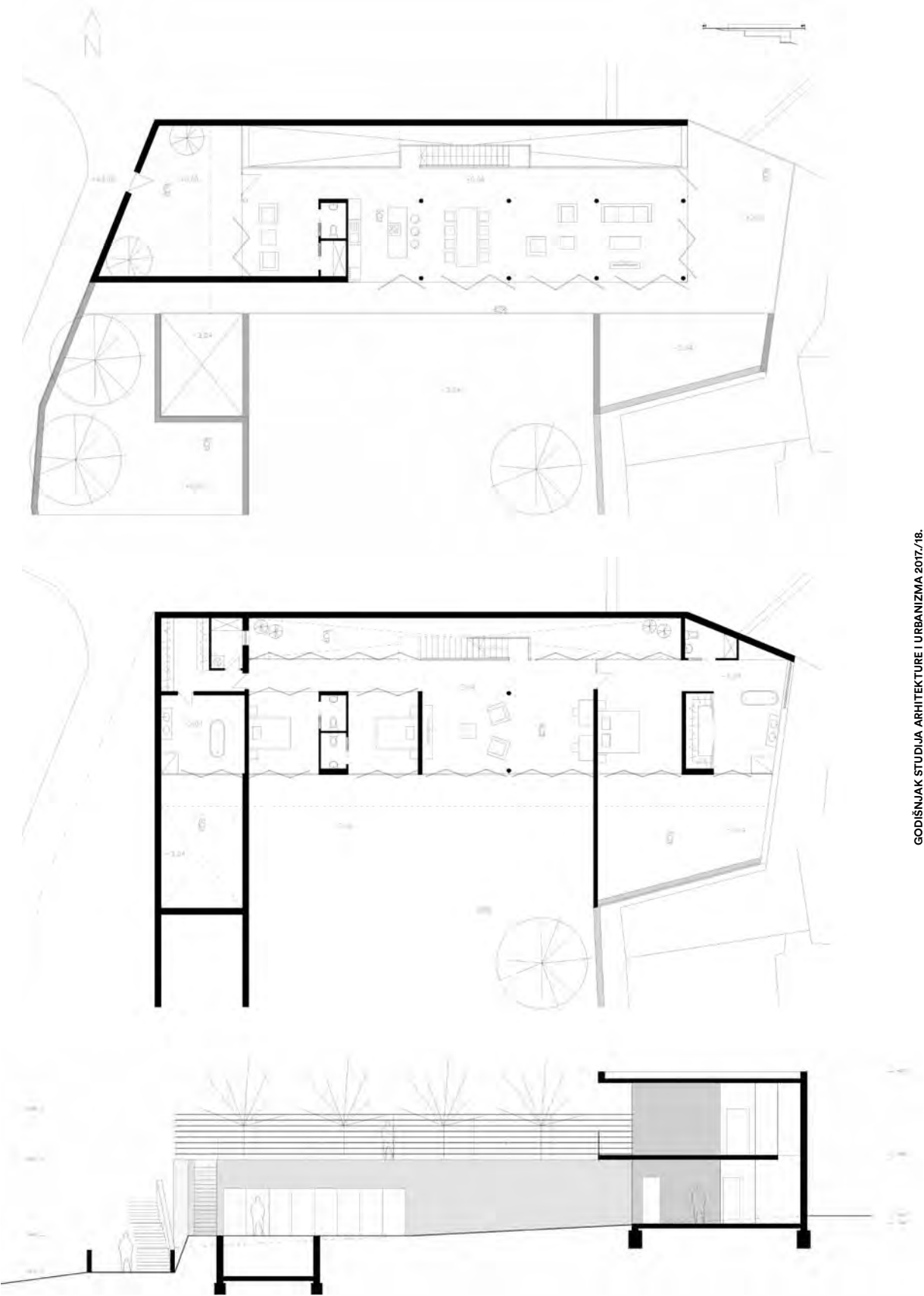
**ARCHITECTURAL DESIGN WORKSHOP 1**

The semestral assignment consists of an architectural project for a family house on one of the two specified locations: in Sutivan on the island of Brač or in Varoš in Split. After visiting the site and considering the urban-development plan, the students choose the land plot and commence with the design. The specific feature of the location in Sutivan is a mild slope of terrain towards the sea, which is to the north, while the location in Varoš, on the Marjan hillside, is characterized by a steep slope to the east and a milder one to the south. The east side provides a view of the entire city, while the south side looks out to the Split maritime zone. The students supplement the standard program of a family house, consisting of the entrance area, the toilet, the living room, the dining room, the kitchen, the stockroom, the outbuilding, the parents' bedroom, two children's bedrooms, at least two bathrooms, a developed outdoor area and a garage or parking space for two cars, with additional facilities of their own choice, in consultation with the teaching staff (a pool / a gym / a reading area / a working room / a musical room, a studio etc).



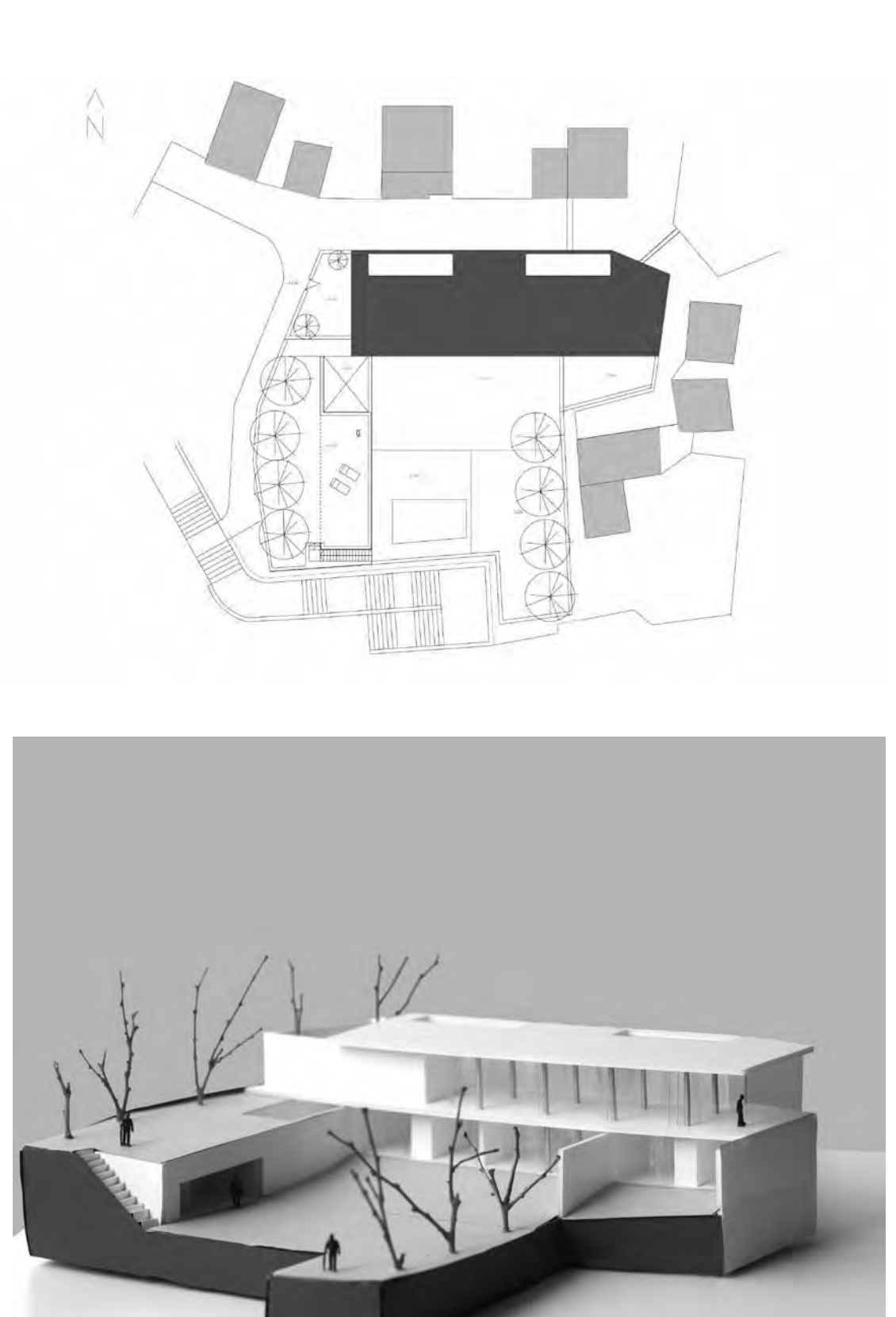
Ana Kakić: Obiteljska kuća / Family house, Sutivan





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Ante Čaleta: Obiteljska kuća / Family house, Varoš, Split



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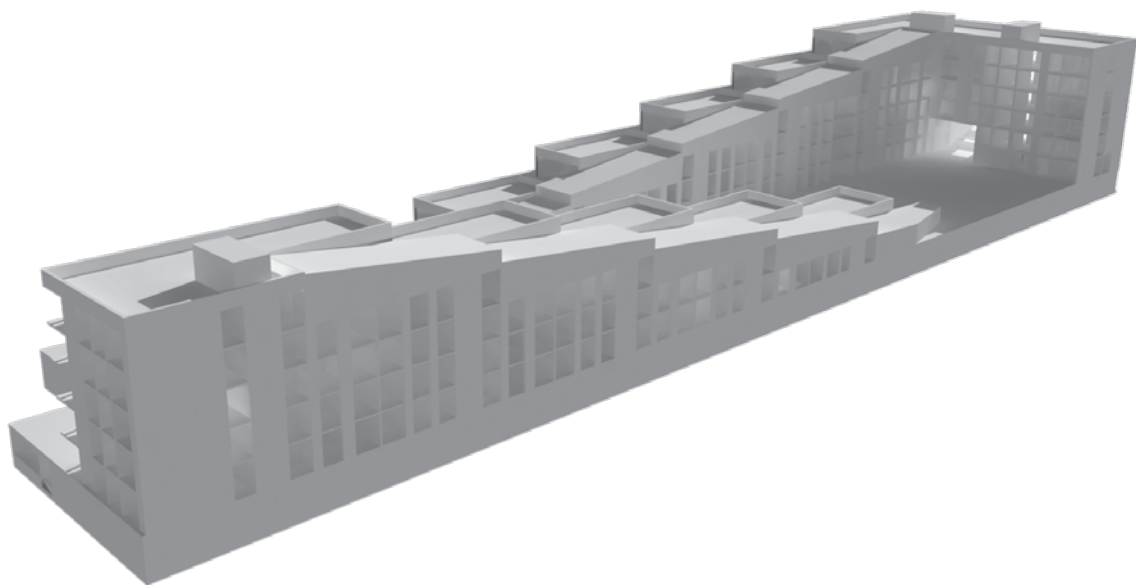
## RADIONICA ARHITEKTONSKOG PROJEKTIRANJA 2

prof. Ante Kuzmanić, doc. Danijel Marasović  
Ivan Jurić, Mirjana Radoš

Zadana lokacija stambenog naselja nalazi se u Splitu, na području Trstenika. Na pravokutnoj parceli, dimenzija 180 × 50 m, potrebno je smjestiti naselje sa 155 stambenih jedinica sukladno Pravilniku minimalnih tehničkih uvjeta za projektiranje i gradnju stanova iz Programa društveno poticane stanogradnje. Dodatni projektantski izazov je visinska razlika od 10m izražena uzdužnim nagib parcelae. Unutar zadane katnosti (maks P+4) studenti osmišljavaju se naselje visoke gustoće sa slobodnim izborom stambene tipologije. Prometni priključci i rješenje prometa u mirovanju rješavaju se unutar urbanističkih parametara koji su zadani prostornim planovima. Stambene jedinice moraju zadovoljavati sve funkcionalne standarde stanovanja, a poseban projektantski naglasak stavljen je na rješenja otvorenih dijelova stana.

## ARCHITECTURAL DESIGN WORKSHOP 2

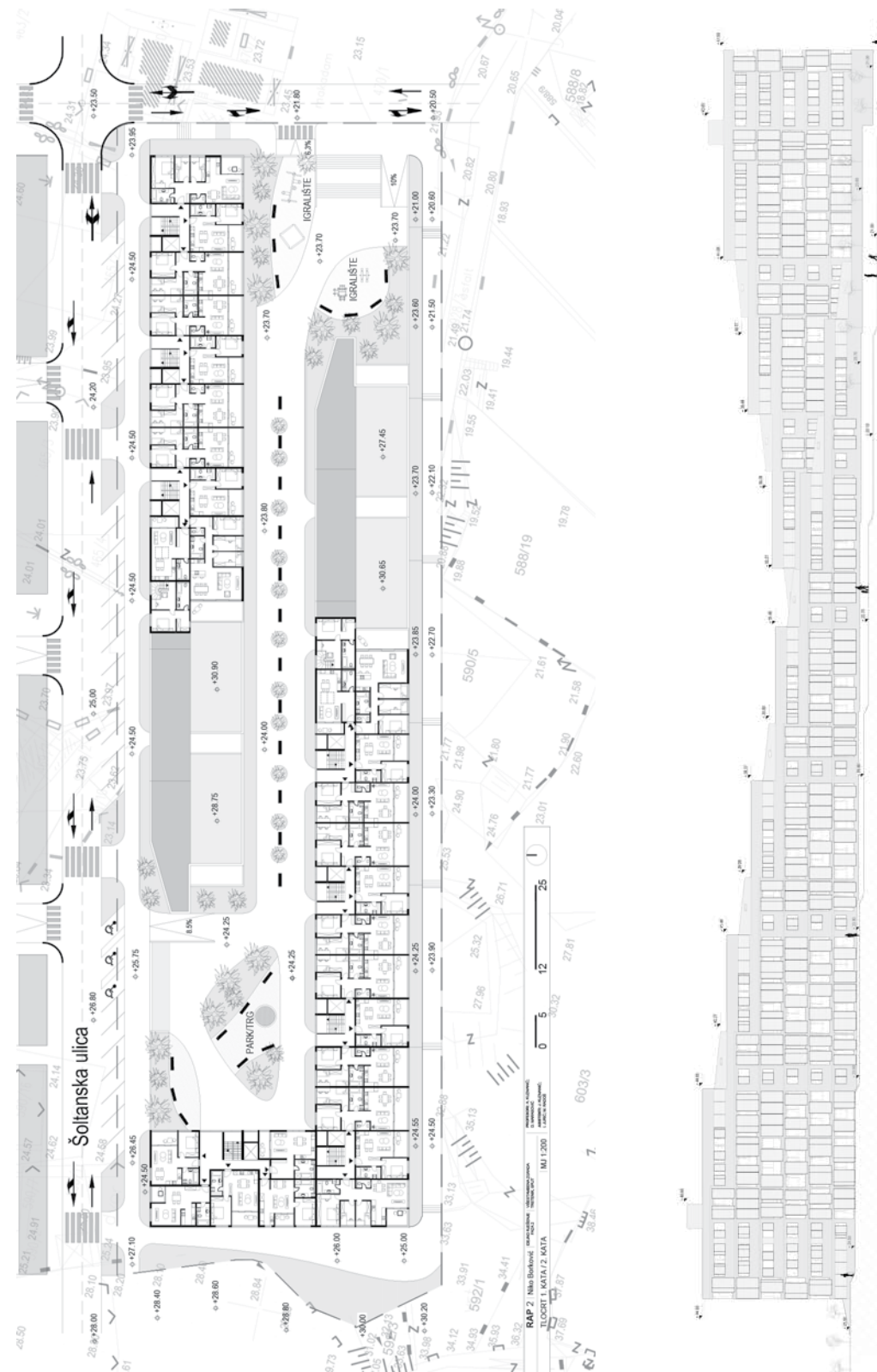
The specified location of the new housing site is in Split, in the neighborhood of Trstenik. On a rectangular land plot with the dimensions of 180 × 50 m, the students have to place a housing development with 155 housing units, in compliance with the “Ordinance on minimal technical requirements for apartment design and construction” from the Social Housing Construction Scheme. The 10-meter height difference expressed in the longitudinal slope of the land plot presents an additional design challenge. Adhering to the specified number of stories (P+4 maximum), the students design a high-density estate, freely choosing the housing typology. Traffic junctions and parking solutions are designed with respect to the urban-development parameters specified in comprehensive plans. The housing units must comply with all functional housing standards, while the open areas of the apartments are designed with special attention.



Niko Borković

GODIŠNJAK STUDIJA ARHITEKTURE I URBANIZMA 2017/18.

STUDY OF ARCHITECTURE AND URBAN PLANNING YEARBOOK 2017/18



## RADIONICA ARHITEKTONSKOG PROJEKTIRANJA 3

doc. Iva Letilović

doc. Dinko Peračić, Jakša Kalajžić,  
Branka Juras

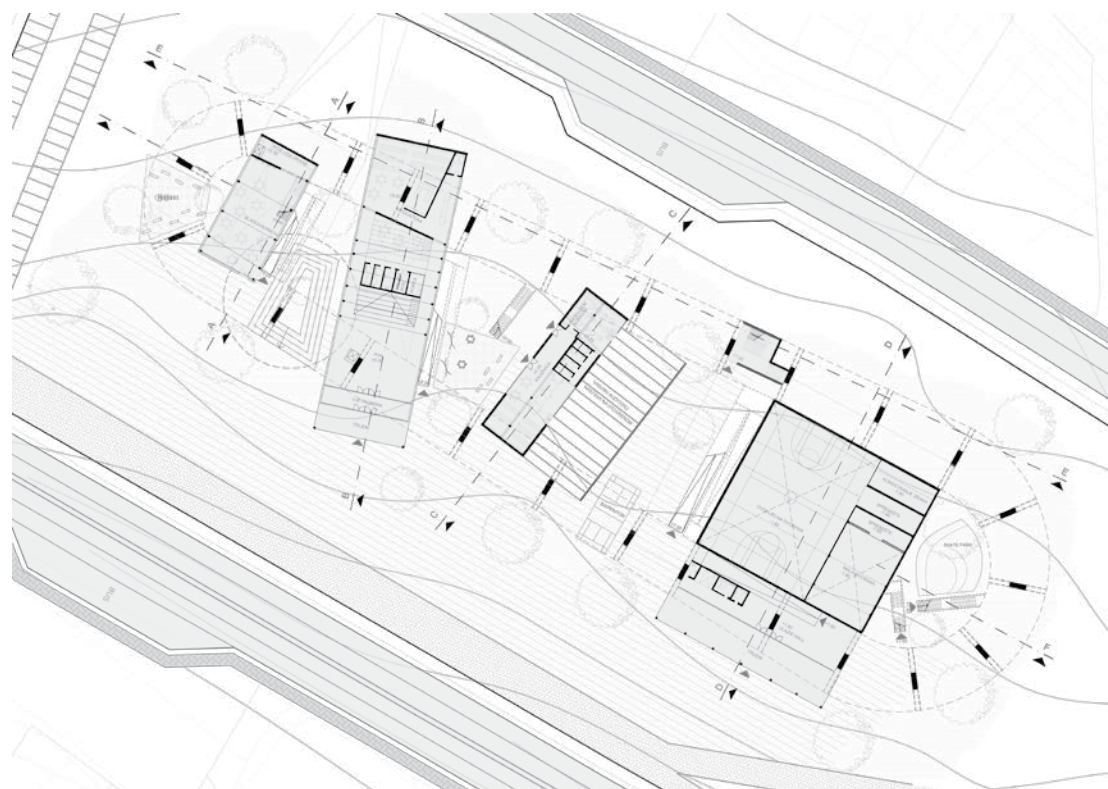
## ARCHITECTURAL DESIGN WORKSHOP 3

### NEW EDUCATIONAL LANDSCAPES

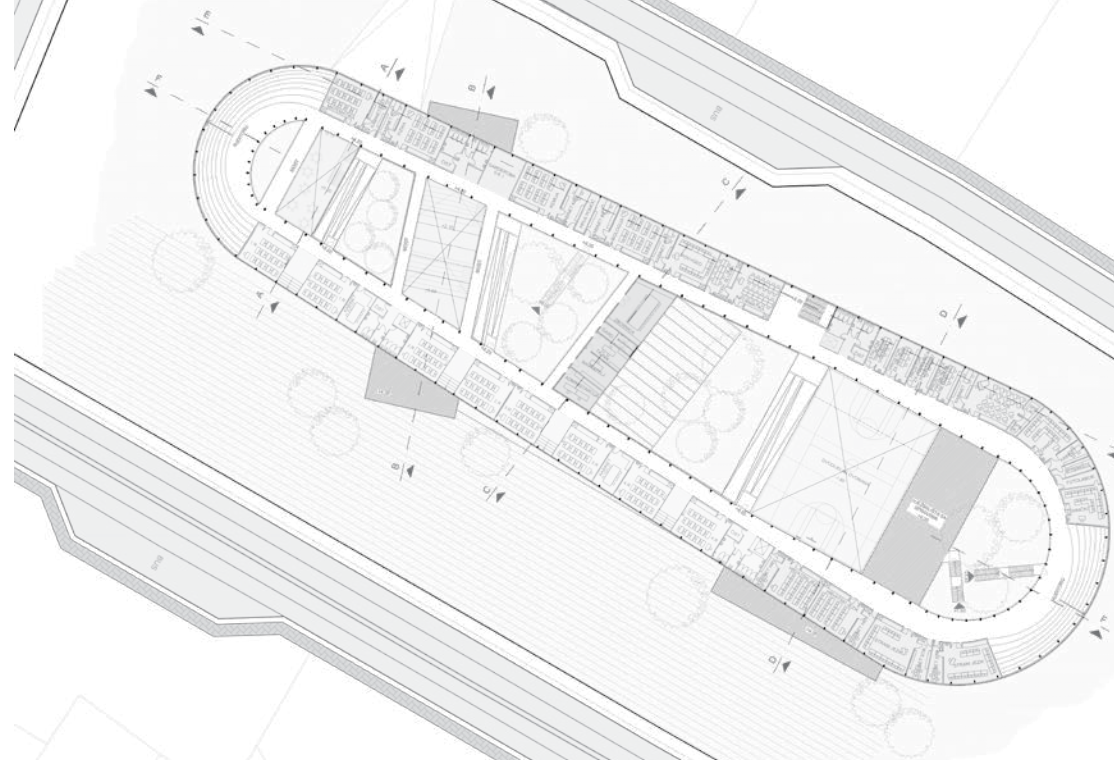
The studio deals works on design proposal for a single-shift elementary school for 480 pupils, with sixteen classrooms (8+8). The specified location of the school is in the Split neighborhood of Sirobuja and all the relevant urban-development parameters of the location are defined in the Urban Development Master Plan. Through research and analysis of the historical development of education building typologies, followed by the reexamination of traditional spatial assemblies and, finally by the introduction and testing of new event scenarios and new spatial interrelations within their own projects, the students are encouraged to seek out the answers to what a modern school should be.

### NOVI EDUKACIJSKI KRAJOLICI

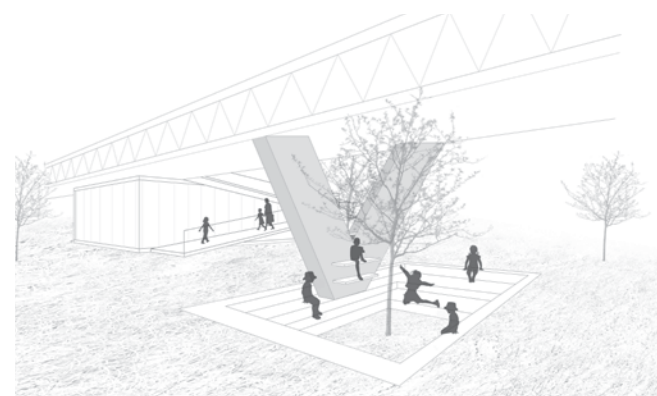
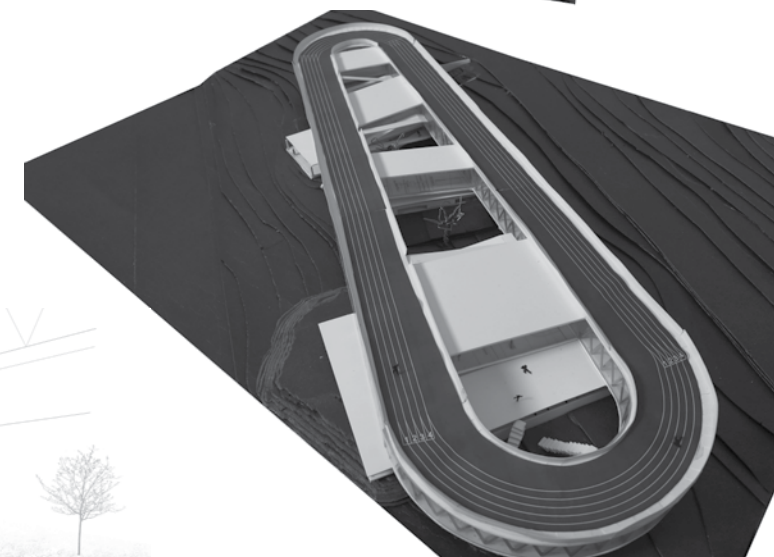
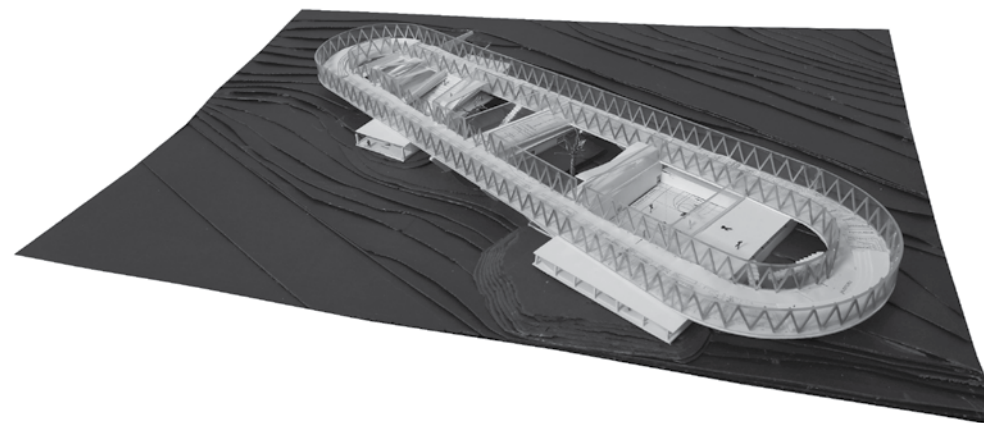
U sklopu semestralnog zadatka studenti izrađuju urbanističko-arhitektonsko rješenje zgrade osnovne škole za 480 polaznika u jednosmjenskoj nastavi sa šesnaest učionica (8+8). Zadana lokacija škole nalazi se u Splitu, na gradskom predjelu Sirobuja te su svi relevantni urbanistički parametri predmetne lokacije definirani GUP-om. Putem istraživanja u kojem studenti analiziraju povijesni razvoj tipologija zgrada javnog školstva, preko preispitivanja pojedinačnih uvriježenih prostornih sklopova, do uspostave i testiranja novih događajnih scenarija i novih prostornih međudnosa unutar vlastitih projekata, studente se potiče na traženje odgovora što suvremena škola treba biti.



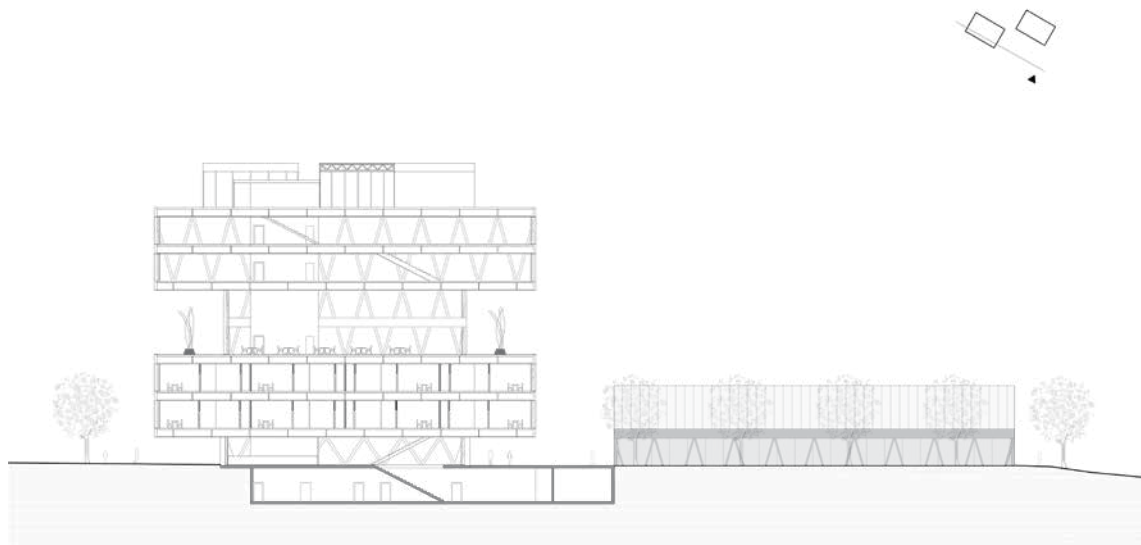
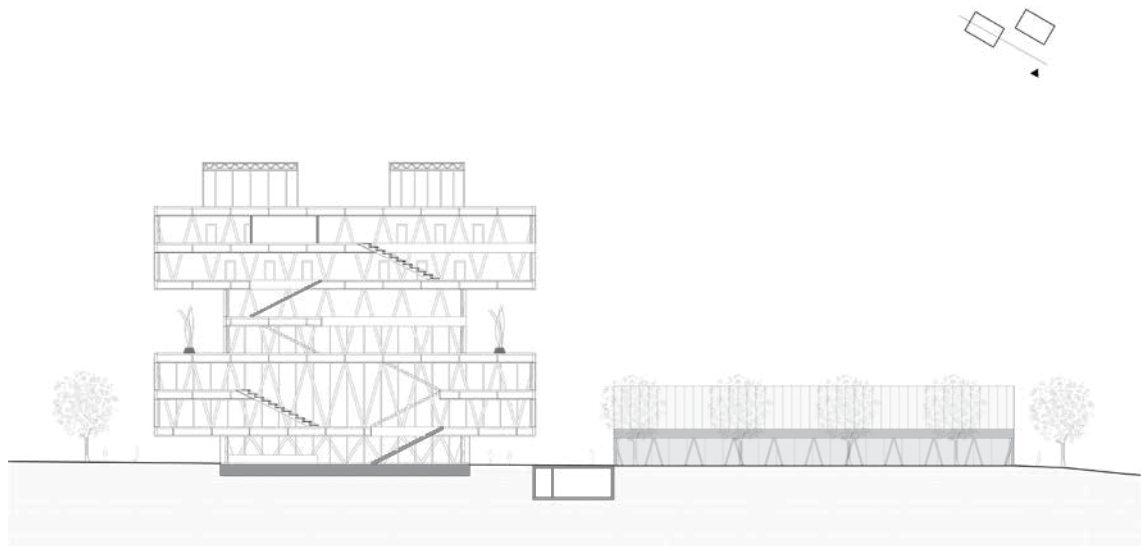
Dorothea Kaurić: Osnovna škola "Sirobuja" / Primary school "Sirobuja", Split



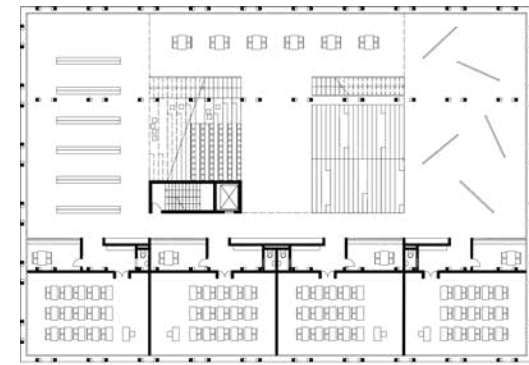
STUDY OF ARCHITECTURE AND URBAN PLANNING YEARBOOK 2017/18



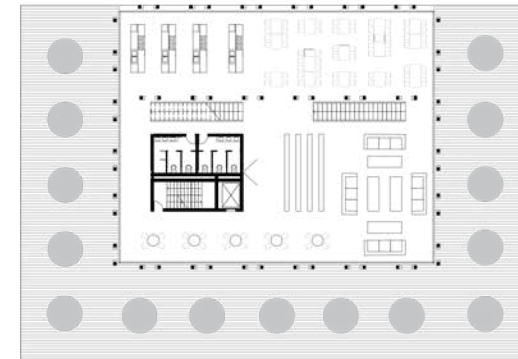
GODIŠNJAK STUDIJA ARHITEKTURE I URBANIZMA 2017/18.



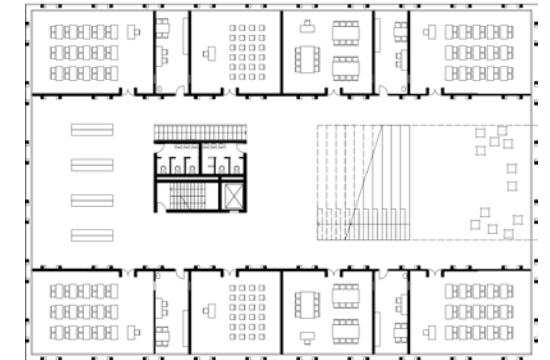
Lana Žaknić: Osnovna škola "Sirobuja" / Primary school "Sirobuja", Split



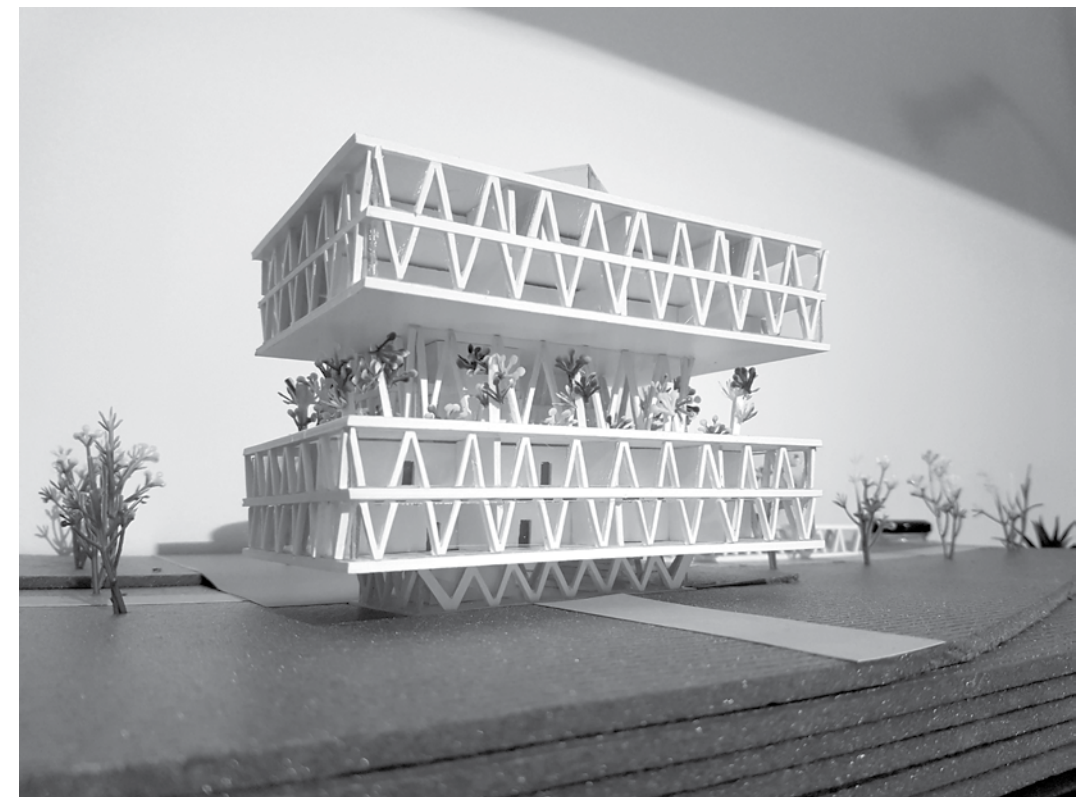
1.kat



3.kat



5.kat



**RADIONICA ARHITEKTONSKOG  
PROJEKTIRANJA 4 – ZAVRŠNI RAD**

prof. Neno Kezić, izv. prof. Nikola Popić  
doc. dr. sc. Dujmo Žižić, Davor Lučin, Nora Roje,  
Ana Krstulović, Eugen Širola

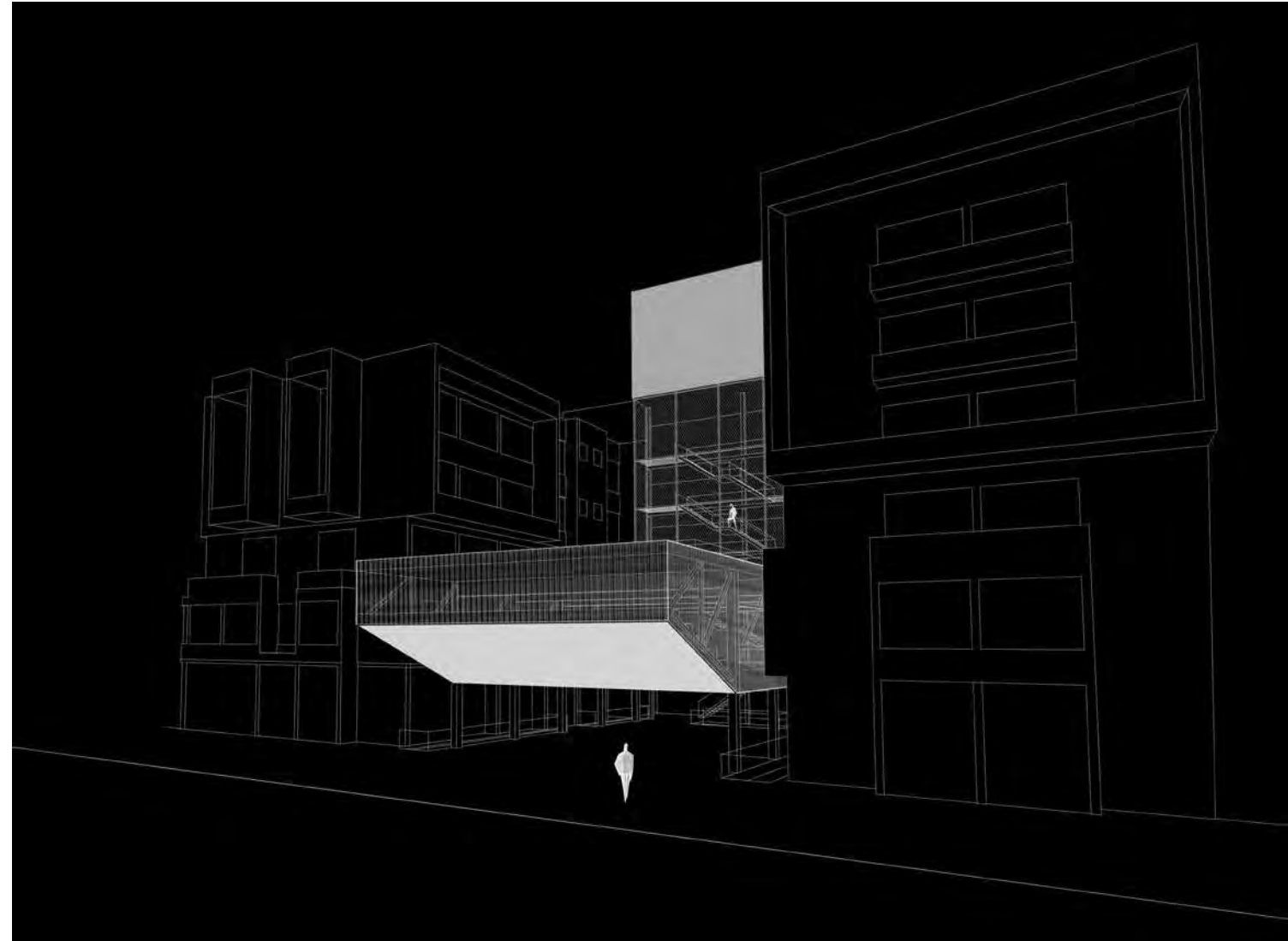
**PROSTOR IZMEĐU**

Semestralni zadatak je u prostoru između tzv. zgrada A i B fakultetske zgrade FGAG-a osmisliti i izraditi projekt novog ulaznog prostora fakulteta sa svim popratnim sadržajima. Osim ulaznog prostora program zadatka predviđa i dodatne radne te izložbene prostore. Od studenata se očekuje rješenje koje će programom zadane prostore integrirati u fizički i nematerijalni život fakulteta te formirati mjesta doticaja edukacije, umjetnosti i studentske svakodnevice. Nova prostorna intervencija treba stvoriti primjeren okvir za potrebe studiranja, ali i provocirati neke nove načine korištenja, a time možda i nove tipologije. Studente se potiče na inovativno promišljanje o tome kako bi prostor za edukaciju i rad uopće trebao izgledati, a ideja se razvija do izvedbene razine i uključuje razradu detalja, odabir materijala i razvoj tehnoloških rješenja komponenti, imajući na umu slojevitost prostora u koji se zadire zamišljenom intervencijom.

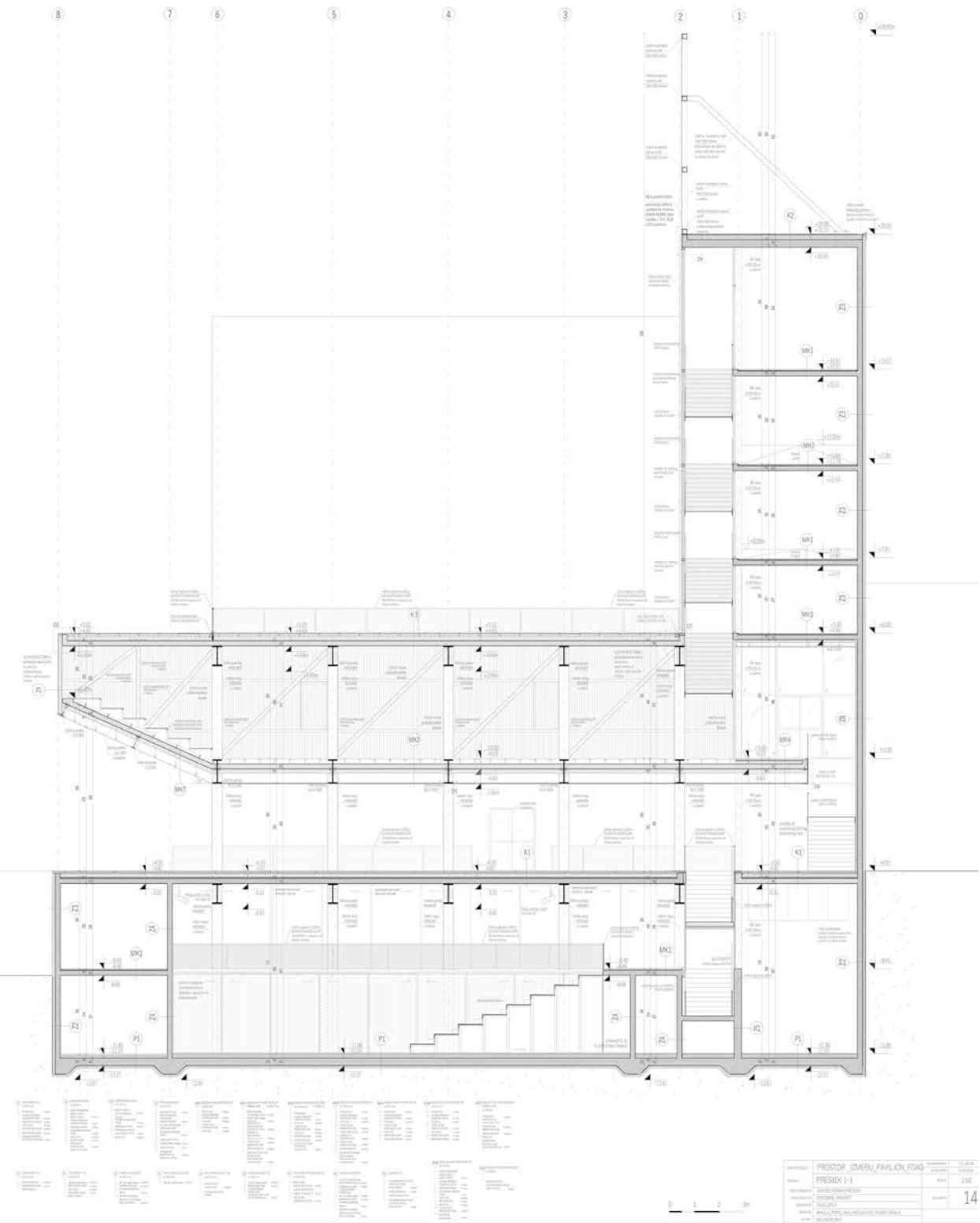
**ARCHITECTURAL DESIGN WORKSHOP 4  
– FINAL WORK**

**THE SPACE BETWEEN**

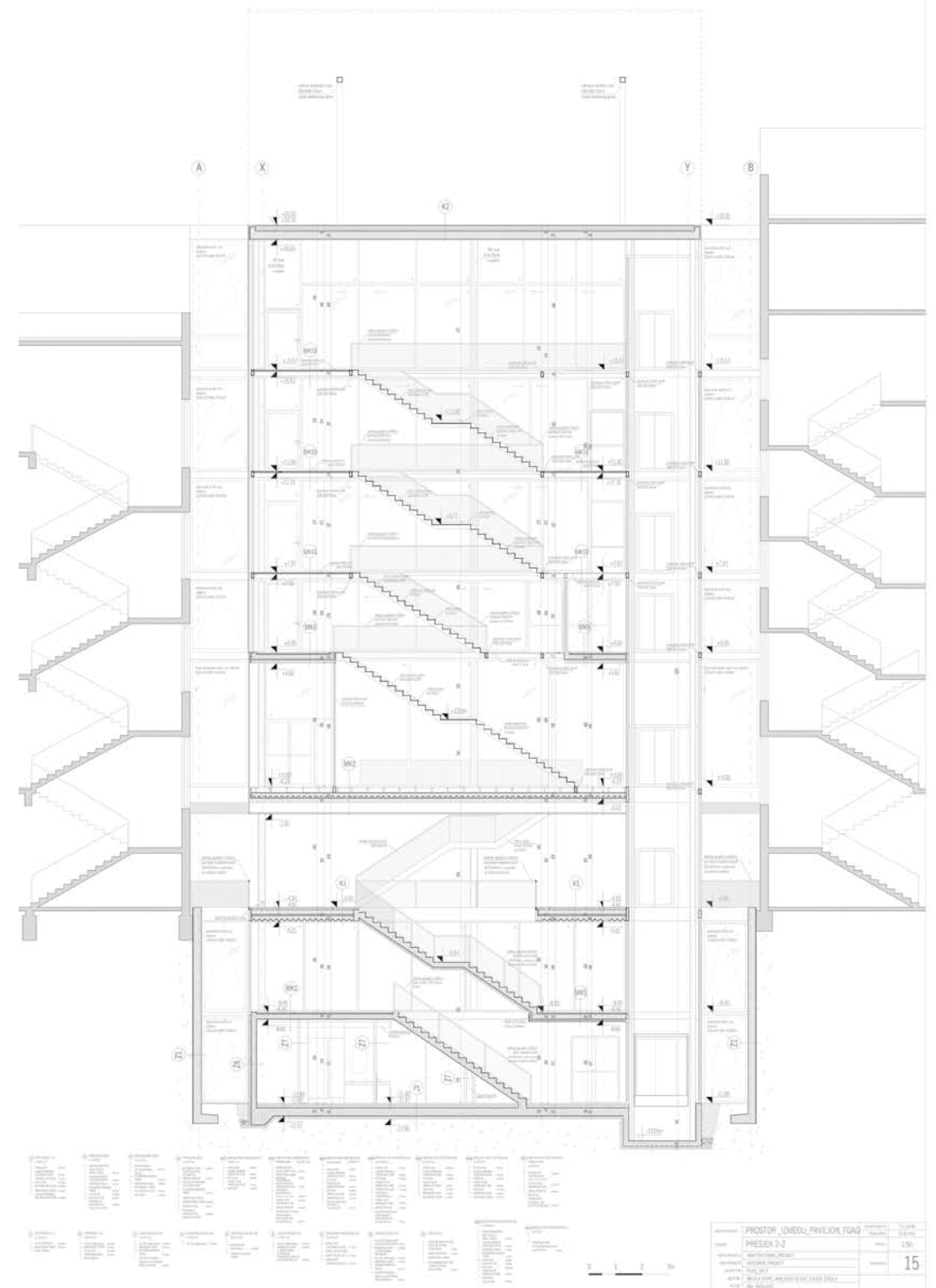
The semestral assignment consists in designing and preparing the project for a new entrance area of the Faculty of Civil Engineering, Architecture and Geodesy, with all the accompanying facilities, in the space between the buildings A and B of the faculty complex. Along with the entrance area, the assignment program also envisages additional working and exhibition rooms. The students' designs are expected to integrate the areas specified by the program into the material and non-material life of the faculty and form areas of contact between education, art and the students' everyday lives. The new spatial interventions should create an adequate frame for the purposes of studying, but also incite new modes of use and, consequently, even new typologies. The students are encouraged to think outside the box about what an educational and working space should even look like, and their ideas are developed up to the working design phase, which includes the elaboration of the detail, the selection of materials and the development of technological solutions for the components, all the while considering the complexity of the space being intervened in.



Mia Nerlović: "Prostor između" / "The space between"



GODIŠNJAK STUDIJA ARHITEKTURE I URBANIZMA 2017/18.



STUDY OF ARCHITECTURE AND URBAN PLANNING YEARBOOK 2017/18

Mia Nerlović: "Prostor između" / "The space between"

## URBANIZAM 1

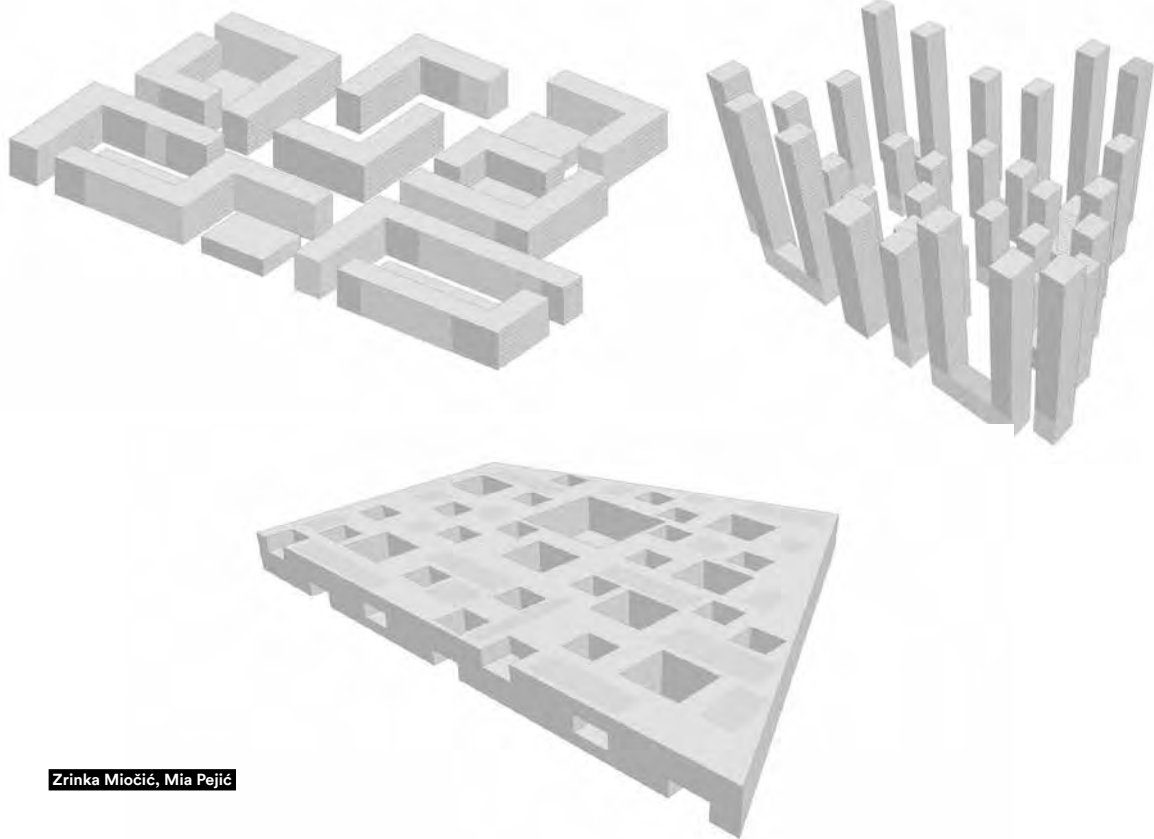
prof. Dario Gabrić

doc. dr. sc. Ana Grgić,

doc. dr. sc. Hrvoje Bartulović, Antonia Vuletić

### STUDIJA NASELJA / SPLITSKA NASELJA BOL, PLOKITE, SKALICE I TABLE

Studija uključuje analizu, interpretaciju i primjenu urbanih pravila metodom variranja različitih kombinacija parametara kig-a i kis-a izradom triju scenarija, odnosno, urbanističkih kompozicija gradskog kvarta. Nove volumenske kompozicije temelje se na propitivanju odnosa s postojećom izgradnjom, svladavanju tehnika interpolacije, nadogradnje i dogradnje volumena. Prostornu komponentu zadatka prati analiza i definiranje osnovnih namjena svojstvenih stambenom naselju.



Zrinka Miočić, Mia Pejić

## URBAN PLANNING 1

### RESIDENTIAL AREA / THE SPLIT NEIGHBORHOODS OF BOL, PLOKITE, SKALICE AND TABLE

The study includes the analysis, interpretation and application of urban-design principles by using the method of varying the combinations of the parameters of lot development coverage and coefficient of exploitation, through the preparation of three scenarios, i.e. urban-development compositions, for a city residential area. New volume compositions are based on the examination of the relations with the existing buildings and the mastering of the method of interpolating, adding and extending volumes. The spatial component of the assignment is accompanied by the analysis and definition of the primary intended use of the neighborhood.

GODIŠNJAK STUDIJA ARHITEKTURE I URBANIZAMA 2017/18.

## INTERVENCIJA U JAVNOM PROSTORU

U sklopu ovog zadatke studente se potiče na uočavanja zatečenih problema, novih mogućnosti korištenja prostora, propitivanja postojećih odnosno novih interakcija ili procesa u prostoru. Slobodno osmišljavanje koncepta prezentira se u formi eseja, a odabir metoda i tehnika dokumentiranja procesa i rezultata intervencije je slobodan, sukladan prirodi same intervencije.



STUDY OF ARCHITECTURE AND URBAN PLANNING YEARBOOK 2017/18

Luka Barić, Klara Čerina, Mirna Duvnjak, Marin Dvornik: Koteks

## INTERVENTION IN PUBLIC SPACE

As part of this assignment, the students are encouraged to identify present problems, new possibilities for the use of space, as well as to question the existing and new interactions or processes in space. The non-constricted devising of a concept is presented in the form of an essay, whereas the methods and techniques of documenting of the processes and results of the intervention are freely chosen by the student, in accordance with the nature of the intervention.



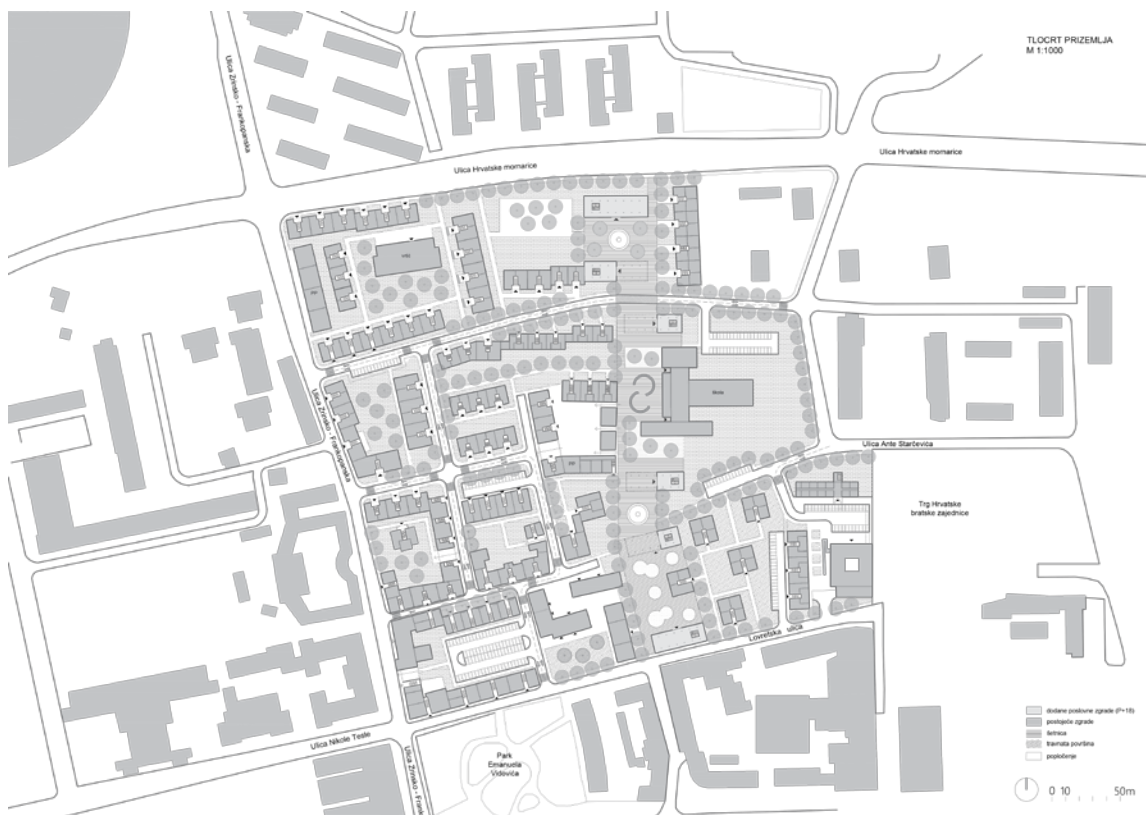
Branka Mamula, Zrinka Miočić, Mia Pejić, Nives Pranjić: Apartmanizacija / Apartmanization

**PROJEKT URBANE  
REKONSTRUKCIJE NASELJA**

Drugi zadatak nastavlja se na prethodnu studiju. Studenti izrađuju projekt urbane rekonstrukcije naselja s akcentom na urbanističko-arhitektonsko rješenje otvorenog javnog prostora te redefiniciju programa i novih sadržaja s ciljem postizanja novih urbanih kvaliteta. Zadatak počiva na analizi i sintetiziranju obilježja urbane strukture te stvaranju novog prostornog okružja primjenom elemenata i pravila urbanističke kompozicije, korištenjem morfoloških elemenata urbane strukture, urbane tipologije te alata za transformaciju i dizajn javnog prostora.

**PROJECT OF THE URBAN RECONSTRUCTION  
OF A RESIDENTIAL AREA**

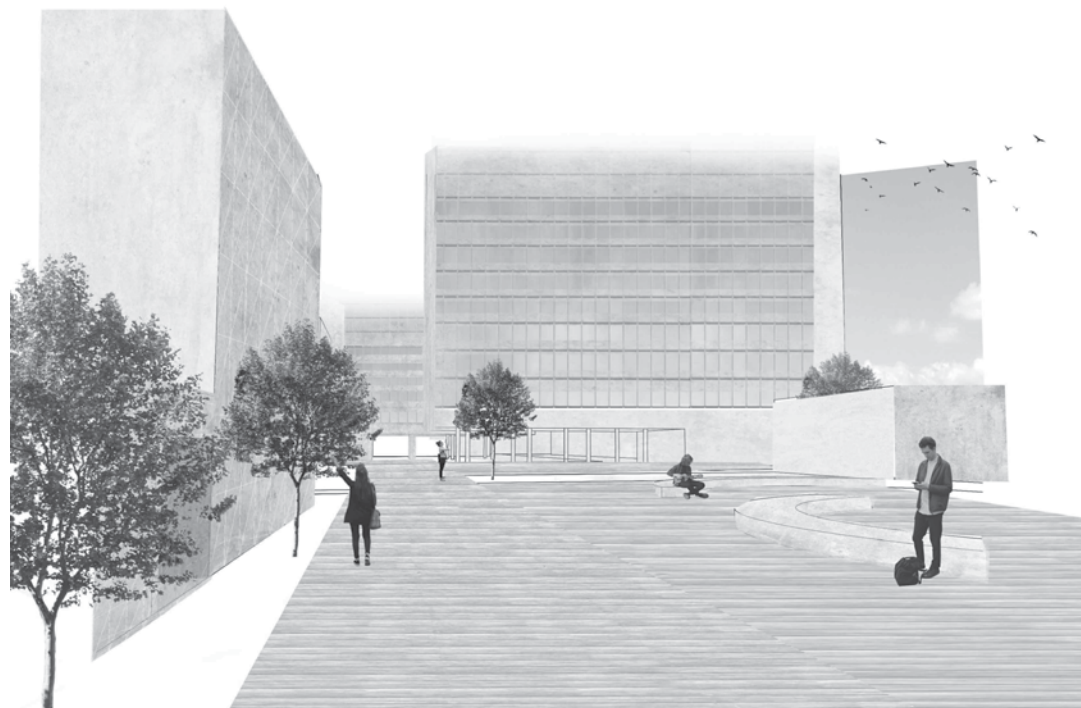
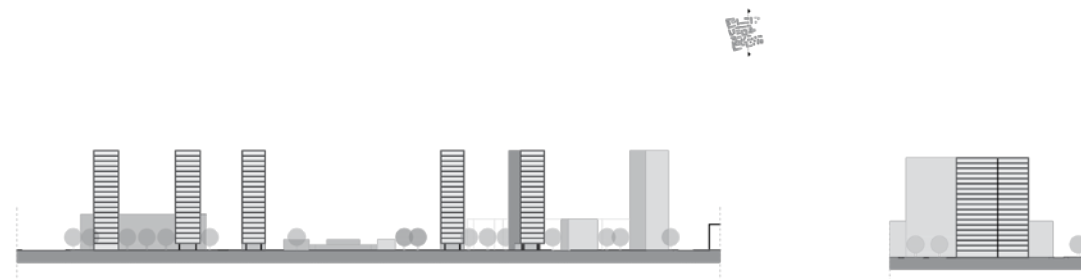
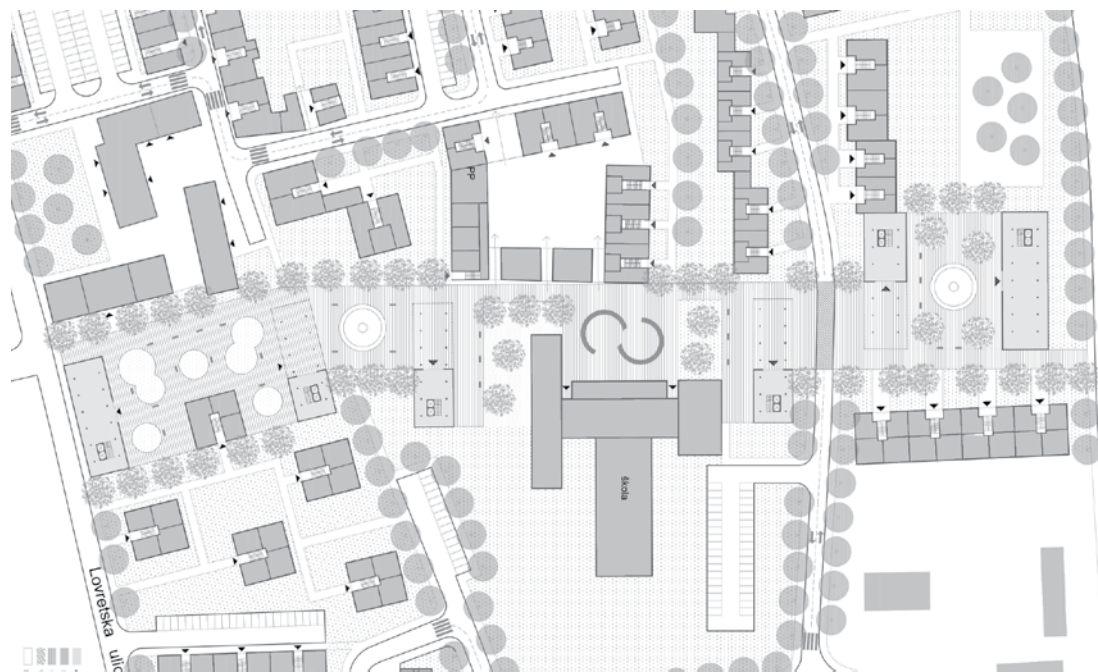
The second assignment is a continuation of the previous study. The students prepare a project of the urban reconstruction of a neighborhood, with an emphasis on an urban-architectural design solution for an open public space and on the redefinition of the program and new facilities, with the aim of creating new urban design qualities. The assignment is based on the analysis and synthesis of the characteristics of an urban structure and on the creation of a new spatial environment by using the elements and principles of an urban-development composition, the morphological elements of urban structure, urban typology and the tools for the transformation and design of public space.



Lana Žaknić, Marina Šegedin

GODIŠNIAK STUDIJA ARHITEKTURE I URBANIZMA 2017/18.

STUDY OF ARCHITECTURE AND URBAN PLANNING YEARBOOK 2017/18



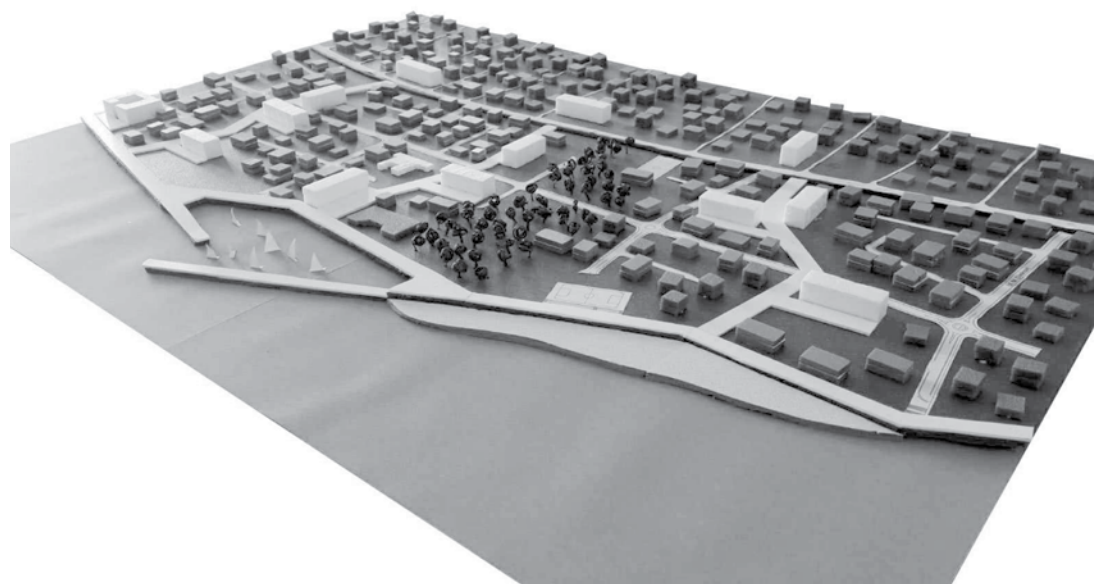
## URBANIZAM 2

prof. Dario Gabrić  
doc. dr. sc. Ana Grgić,  
doc. dr. sc. Hrvoje Bartulović,  
Antonia Vuletić, Jere Kuzmanić

Zadatak je izraditi scenarij za prostorni razvoj kaštelanskog zaljeva s vremenskim horizontom u 2100. godini prebacujući pritom ustaljeni fokus s isključivo obalnog dijela na odnos obale i zaleda. Prostornim analizama i urbanističkim projektiranjem studenti timskim radom preispituju reperkusije pretpostavljenih problema i procesa budućnosti putem različitih mjerila: od šireg konteksta s pripadajućim ekonomskim, demografskim i prostornim premisama pa sve do pojedinačnih obuhvata. Metoda rada je temeljena na procesu urbanističkog projektiranja kao načinu istraživanja. Dijakronijski odnos istraživanja i projektiranja omogućuje sagledavanje kompleksnosti urbanog prostora i razlaganje istog na tematske cjeline (urbana morfologija i tipologija, javni prostor, promet i infrastruktura, urbanistička namjena, zaštićene cjeline, obalna linija i dr.). Nakon definiranja problema i odabira teme kojom pristupaju izradi vizije, studentske grupe su vođene nizom manjih zadataka čija je primarna svrha razvijanje metodologije u analizi i projektiranju, razumijevanju položaja autora u procesu urbanog projektiranja te razradi argumenata i narativa baziranih na znanstvenom pristupu urbanizmu.

## URBAN PLANNING 2

The assignment consists in preparing an urban-development scenario for Kaštela Bay, the timeframe being the year 2100, with the traditional focus shifted from the coastal area to the relationship between the coast and the hinterland. The students work in teams on spatial analyses and urban planning, reexamining in the process the repercussions of the expected problems and processes in the future by using different criteria: from the broader context, with the pertaining economic, demographic and spatial premises, to the specific scopes. The work method is based on the urban design process as a research method. The diachronic relation between research and design enables the consideration of the complexity of urban space and the breaking down of it into subject units (urban morphology and typology, public space, transport and infrastructure, intended urban use, protected complexes, the coastline etc.). After defining the problem and choosing the subject through which they will approach the elaboration of their vision, student teams are guided by a series of minor assignments whose primary purpose is to develop a methodology with regard to analysis and design, the understanding of the position of the author in the urban design process and the elaboration of arguments and narratives based on a scientific approach to urban design.



Ante Lipovac, Branka Mamula, Luka Matković, Nives Pranjić: Grad na nasipu/ Embankment City



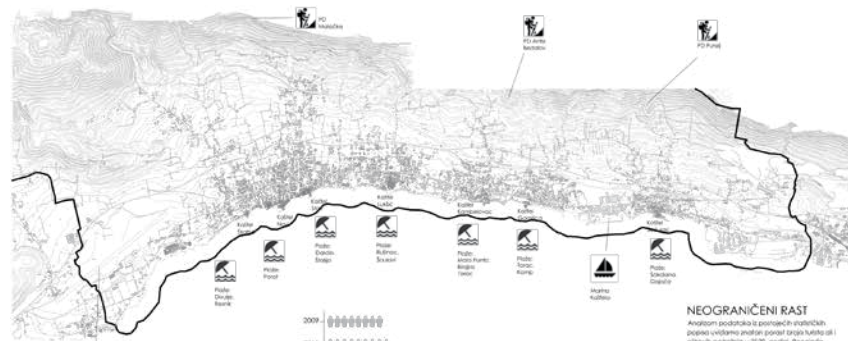
PRESJEK A-A M 1:1000



PRESJEK B-B M 1:1000







KAŠTELA "2100."

1. VIZIJA KAŠTELA

- 1.1 PRENAPUČENOST OBALNOG POJASA
- 1.2 KONTINUIRANO POVEĆANJE BROJA TURISTA

NEOGRANIČENI RAST

Analizom podataka o porastu i razvoju, posebno u vidu iznosa izlaza iz turističkih objekata, u 2010. godini. Porast je neograničen, posebno u slučaju Laka Split - Kaštela, porast je funkcionalno povezan s "sredinom" i razvijanjem se samo prema jugu. Već jako napučen obalni pojas nudi neograničeno povećanje površine za novu povećanje broja. Osi porasta su: pomorje, plaže, akcija u kaštela, lučnica, staze, jezera, šetnje, komercijalna zgrade, umjetnici, hoteli (Renaissance, Tamaris) i administracija. Tu su i ostale važne građevine (škole, staze i prometa stambena).

ZNAMENITOSTI

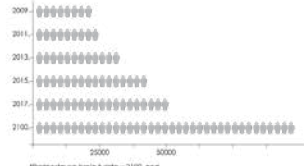
Kulturno naslijeđe: Dvorište, Vrhun, Kaštela, Lisc, Anđelina, Zvonar, Mladost, Kraljević, Lučnica, Riječna, Šteta, Opatovica, Zračna, Škola, Dječja, Kraljević, Kraljević, Kraljević.

MANIFESTACIJE

Kaštela, Lisc, Dječja, Opatovica, Škola, Dječja, Kraljević, Kraljević, Kraljević.

IZLETIŠTA

Općina, Dječja, Opatovica, Škola, Dječja, Kraljević, Kraljević, Kraljević.



\*Pretpostavka broja turista u 2100. god.

VRSTA OBJEKTA	BROJ OBJEKATA	SOBA/ APP/ KUĆA	BROJ OBJEKATA
Hotele	6	271	
Čaršije	21	74	272
Privatni smještaj	435	938	48
Kućice za odmor	5	5	
<b>UKUPNO</b>	<b>467</b>	<b>1308</b>	<b>320</b>

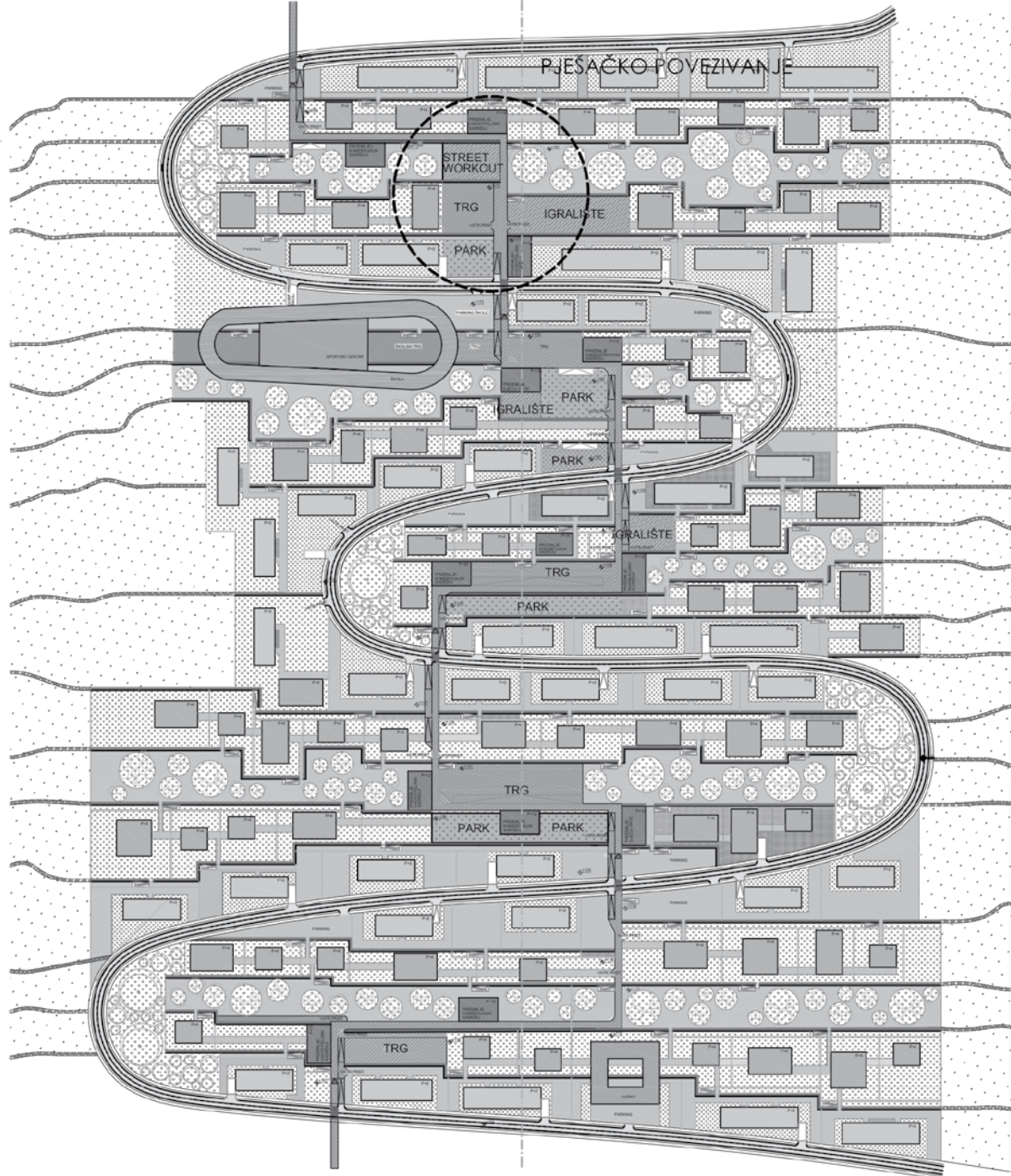
\*Turistički kapaciteti prema vrsti objekta (2014.)



2010 - 138.734 turista  
2014 - 170.047 turista  
2016 - 128.897 turista  
2017 - 219.116 turista

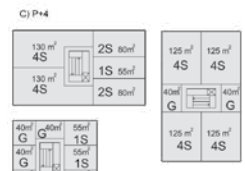
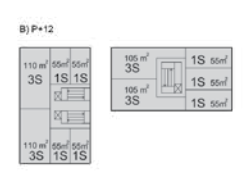
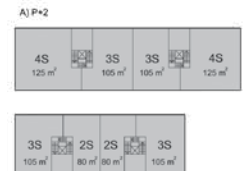
VRSTA	VRSTA	VRSTA	VRSTA	VRSTA	VRSTA
1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	36
37	38	39	40	41	42
43	44	45	46	47	48
49	50	51	52	53	54
55	56	57	58	59	60
61	62	63	64	65	66
67	68	69	70	71	72
73	74	75	76	77	78
79	80	81	82	83	84
85	86	87	88	89	90
91	92	93	94	95	96
97	98	99	100		

\*Bina turista u javnom i privatnom smještaju u razdoblju 2009-2013.



STUDY OF ARCHITECTURE AND URBAN PLANNING YEARBOOK 2017/18

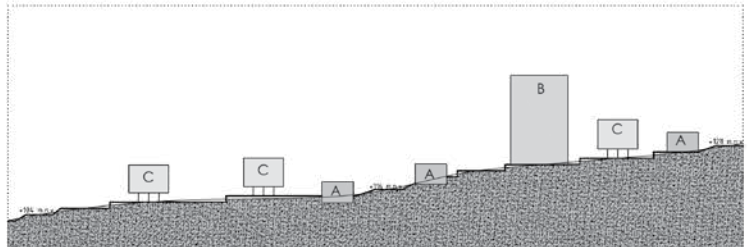
ANALIZA RAZLIČITIH TIPOLOGIJA STANOVANJA



ODABIR TIPOLOGIJE NA TEMELJU MORFOLOGIJE I ANALIZE TERENA

- A) P+2
  - godišna uskopane lamele (u sjeci u kosinu)
  - lamele postavljene paralelno uz rubove serpentine
  - lamele sa slobodnim prizemjem
  - prizemlje čisto čisto predviđeno ogradenim zidovima po podjeli stanova
  - tipologija zgrade: 2 stana na stubiške, orijentacija stanova na 2 i 3 strane
- B) P+12
  - visoki soliteri (zbog boljeg pogleda koji se pruža) polovine prizemlja + parter
  - tipologija zgrade: galerijski stanovi, dvostana orijentacija svih stanova osim srednjeg koji ima 1 orijentaciju
- C) P+4
  - soliteri slobodnog prizemlja (uzdignuti na stupove)
  - parter je slobodan te namijenjen korištenju, u vrhu, boljeg povezivanja zgrada/zelenila/izvornih površina
  - tipologija zgrade: galerijski stanovi, orijentacija na 1 ili 2 strane

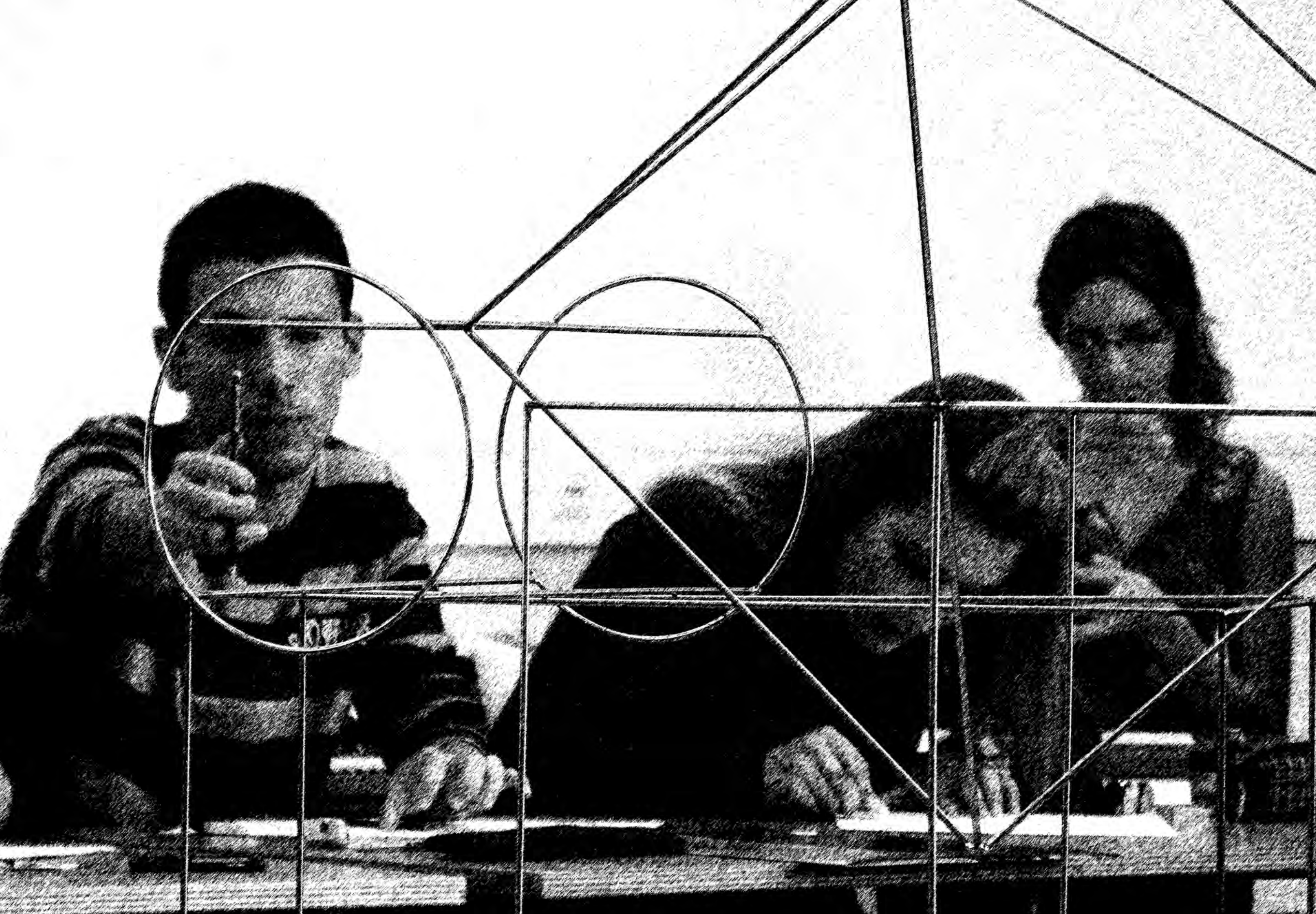
POSTOJEĆE TIPOLOGIJE UZ KOZJAK



KAŠTELA "2100."

6. BRAINSTORMING

- 6.1 KONCIPIRANJE BUDUĆNOSTI
- 6.2 POSTOJEĆE TIPOLOGIJE UZ KOZJAK - MOGUĆNOST TIPOLOGIJE NA TEMELJU ANALIZE TERENA
- 6.3 JAVNE GRADSKO POKRIVNE PJEŠAČKO POVEZIVANJE KROZ DĚPOVE SERPENTINE
- 6.4 KOLNI PRISTUP SVAKOM DĚPU SERPENTINE





# DIPLOMSKI SVEUČILIŠNI STUDIJ ARHITEKTURA I URBANIZAM

GODIŠNJAK STUDIJA ARHITEKTURE I URBANIZMA 2017/18.

Diplomski sveučilišni studij Arhitektura i urbanizam traje 2 godine te produbljuje znanja stečena tijekom preddiplomskog studija. Omogućuje studentima da rade na složenim zadacima većeg mjerila u kojima se istražuju različiti arhitektonski i urbani fenomeni Mediterana, na lokacijama obalnog područja i u kontekstu vrijedne graditeljske baštine. U sklopu studija stječe se 120 ECTS bodova, a njegovim završetkom stječe se akademski naziv magistar/magistra inženjer/inženjerka arhitekture.

# GRADUATE UNIVERSITY STUDY OF ARCHITECTURE AND URBAN PLANNING

STUDY OF ARCHITECTURE AND URBAN PLANNING YEARBOOK 2017/18

The graduate university study of Architecture and Urban Planning lasts 2 years and serves to deepen the knowledge acquired during the undergraduate study. It enables students to work on complex and larger scale assignments, with special emphasis on coastal area, historical heritage context and design issues concerning diverse architectural and urban phenomena of the Mediterranean. Upon its completion, the students acquire 120 ECTS credits and the academic title of Master of Architecture and Urban Planning.

1. SEMESTAR / 1 <sup>ST</sup> SEMESTER	2. SEMESTAR / 2 <sup>ND</sup> SEMESTER	3. SEMESTAR / 3 <sup>RD</sup> SEMESTER	4. SEMESTAR / 4 <sup>TH</sup> SEMESTER
DIPLOMSKI STUDIO 1 GRADUATE DESIGN STUDIO 1 2+6   15	DIPLOMSKI STUDIO 2 GRADUATE DESIGN STUDIO 2 2+6   15	DIPLOMSKI STUDIO 3 GRADUATE DESIGN STUDIO 3 2+6   15	DIPLOMSKI RAD MASTER THESIS 30
ISTRAŽIVANJE U URB. PLANIRANJU RESEARCH IN URBAN PLANNING 2+2   5	RADIONICA ZAŠTITE I OBNOVE GRAD. NASLIJEĐA 2 PROTECTION AND RESTORATION OF ARCHITECTURAL HERITAGE STUDIO 2 2+2   5	INTERIJER INTERIOR DESIGN 2+2   5	
SUVREMENA ARHITEKTURA 3 CONTEMPORARY ARCH. 3 0+2   2	SUVREMENA ARHITEKTURA 4 CONTEMPORARY ARCH. 4 0+2   2	URBOEKONOMIJA URBAN ECONOMICS 2+0   2	
RADIONICA ZAŠTITE I OBNOVE GRAD. NASLIJEĐA 1 PROTECTION AND RESTORATION OF ARCHITECTURAL HERITAGE STUDIO 1 2+2   5	URBANI DIZAJN URBAN DESIGN 2+0   2,5	INTEGRALNA ZAŠTITA PROSTORA INTEGRATED ENVIR. PROTECTION 2+0   2	
	POMORSKE GRADEVINE I LUKE MARITIME STRUCTURES AND PORTS 2+0   2,5	TEORIJA ARHITEKTURE THEORY OF ARCHITECTURE 2+0   2	
UPRAVLJANJE PROJEKTOM PROJECT MANAGEMENT 2+1   3	PLANIRANJE GRAD. INVESTICIJA CONSTRUCTION INVESTMENT PLANNING 2+1   3	RADIONICA ZAŠTITE I OBNOVE GRAD. NASLIJEĐA 3 PROTECTION AND RESTORATION OF ARCHITECTURAL HERITAGE STUDIO 3 2+2   4	

**DIPLOMSKI STUDIO 1**

prof. Hrvoje Njirić, prof. Neno Kezić  
(voditelji kolegija)  
Nora Roje, Bruna Kovačević

**PREDAVANJA I VJEŽBE**

U okviru kolegija studenti rješavaju kompleksne arhitektonske zadaće na konkretnoj lokaciji, visoke razine urbane složenosti i zahtjevnije kontekstualizacije. Pritom se očekuje sveobuhvatan pristup projektiranju u takvom ambijentu, istraživanje mogućnosti različitih interpretacija povezivanja novog i starog, vrednovanje povijesnog ambijenta te usklađivanje nove strukture i funkcije sa zatečenim prostornim, oblikovnim i funkcionalnim realnostima i autoritetima. Student u suradnji s nastavnicima izrađuje projektni program za idejni projekt kompleksnijeg objekta (poslovna zgrada, trgovački centar, multimedijalni centar, muzej suvremene umjetnosti, kino, koncertna dvorana, sportska dvorana, studentski dom/centar i sl.). Na temelju podloga i obilaska odabrane lokacije analiziraju se kontekstualni reperi, ispituju mogućnosti lokacije i postavljaju koncepcije prostorne organizacije. U prvoj fazi rada na projektu studenti izrađuju esej i ideogram/poster na temu rješenja zadatka. Naredna faza odnosi se na izradu idejnog rješenja, a kolegij završava predajom idejnog projekta i javnom prezentacijom.  
\* detaljnije na str. 130. - 133.

**DIPLOMSKI STUDIO 2**

doc. Toma Pleić, izv. prof. Saša Begović  
(voditelji kolegija)  
Jakša Kalajžić, Bruna Kovačević

**PREDAVANJA I VJEŽBE**

Kolegij DS1 fokusira se na istraživanje programskih i formalnih aspekata komercijalno-turističkih arhitektonskih tipologija. Projektni programi uključuju hotele, turistička naselja, lječilišta i marine. Lokacije koje se izabiru za ovaj zadatak u pravilu imaju višu razinu urbane složenosti i nalaze se primjerice u području povijesnih ambijenata i/ili u priobalnim zonama. U sklopu predavanja

se problematiziraju teorijski sadržaji koji se odnose na funkcionalnu organizaciju i tipološku sistematizaciju sadržaja za turizam i slobodno vrijeme. Zadatak uključuje razradu projektnog programa, izradu idejnog arhitektonskog rješenja te samostalno osmišljavanje konstrukcijskog i tehnološkog sustava zgrade.  
\* detaljnije na str. 134. - 137.

**DIPLOMSKI STUDIO 3**

prof. Ante Kuzmanić, doc. Saša Randić  
(voditelji kolegija)  
Ivan Jurić, Mirjana Radoš

**PREDAVANJA I VJEŽBE**

U sklopu kolegija student rade na kompleksnom arhitektonsko-urbanističkom zadatku, na lokaciji koja podrazumijeva veći prostorni obuhvat. Teme zadataka kreću se u širokom rasponu i mogu obuhvaćati primjerice, prenamjene industrijskih kompleksa, revitalizaciju suburbanih područja, izradu planova manjih priobalnih mjesta... Projekt se razvija u nekoliko faza. Studenti rade u grupama; u posljednjoj fazi rad se individualizira. Svaku fazu prati javna prezentacija. Inzistira se na konstantnom mijenjanju mjerila u svrhu provjere postavljenih teza, iz mjerila arhitektonskog koncepta u mjerilo provjere u urbanističkom rješenju i obrnuto. U tu svrhu studente se potiče na korištenje fizičkog modela kao načina za praćenje razvoja ideje.  
\* detaljnije na str. 138. - 145.

**INTERIJER**

prof. Neno Kezić (voditelj kolegija)  
Nora Roje

**PREDAVANJA I VJEŽBE**

Kolegij se bavi temom unutarnjeg arhitektonskog prostora čijim rješenjima se pristupa istraživanjem prostora, forme i ideja. Studente se nastoji pripremiti na projektantsko djelovanje koje putem naracije i forme manipulira emocijama stvarajući inspirativno okruženje za korisnika. Programskim istraživanjem projektnog zadatka studenti kreiraju arhitektonska rješenja unutarnjih

**GRADUATE DESIGN STUDIO 1**

Professor Hrvoje Njirić, Professor Neno Kezić  
(course supervisors)  
Nora Roje, Bruna Kovačević

**LECTURES AND STUDIO WORK**

The agenda of this studio takes on a complex architectural assignment on a specific location, with a high level of urban complexity and demanding contextualization. Studio seeks for comprehensive approach to design in such an environment, the exploration of the potential of different interpretations of the new and the old, the evaluation of the historical context and the reconciliation of new structures and functions with the given spatial, formal and functional realities and authorities. The students, in cooperation with teaching staff, prepare a program for the preliminary design of a complex building (office building, shopping mall, multimedia center, museum of contemporary art, cinema, concert hall, sports hall, student dormitory/center etc.). Based on the data maps and a visit to the selected location, contextual landmarks are analyzed, the location's potential is examined and a concept of spatial organization is prepared. In the first phase, the students prepare an essay and ideogram/poster on the subject of the assignment. The next phase relates to the creation of the conceptual design; the course ends with the submission of the final design proposal and a public presentation.  
\* More information on page 130 - 133

**GRADUATE DESIGN STUDIO 2**

Assistant Professor Toma Pleić, Associate Professor Saša Begović (course supervisors)  
Jakša Kalajžić, Bruna Kovačević

**LECTURES AND STUDIO WORK**

The GDS2 studio explores the programmatic and formal aspects of commercial and tourist architectural typologies. The design programs include hotels, holiday estates, health resorts and marinas. Generally, the sites chosen for this assignment are of a higher level of urban complexity and located in, for example, a historical setting and/or coastal area. The lectures problematize topics re-

lated to the functional organization and typological systematization of the facilities for tourism and leisure. The assignment includes the development of a project program, the preparation of a design proposal of a new building, with the precise elaboration of its structural and technological aspects.  
\* More information on page 134 - 137

**GRADUATE DESIGN STUDIO 3**

Professor Ante Kuzmanić, Assistant Professor Saša Randić (course supervisors)  
Ivan Jurić, Mirjana Radoš

**LECTURES AND STUDIO WORK**

In this studio, students work on a complex architectural and urban-design assignment, on a site which covers a larger city area. The assignment has a wide range of possible topics and can include, for example, the adaptive reuse of former industrial buildings, revitalization of suburban areas, urban development proposals for small coastal towns...The project is developed in several phases. Students work in groups; in the last phase, they work independently. Each phase is accompanied by a public presentation. For the purpose of testing the presented arguments for design, students are required to constant scale shifting, from the small scale of the conceptual design to the large urban planning scale, and vice versa. For that purpose, the students are encouraged to use the physical model as a method of tracking the development of the concept.  
\* More information on page 138 - 145

**INTERIOR DESIGN**

Professor Neno Kezić (course supervisor)  
Nora Roje

**LECTURES AND STUDIO WORK**

Interior Design studio explores the aspects of interior architecture, whose design is approached through the exploration of space, forms and concepts. The aim is to encourage the students for design which manipulates emotions through narration and form, so as to create an inspirational environment for the user. Through a study of the programme, the students create architectural solutions for interiors by interconnecting the cultural, spa-

prostora dovodeći u međuodnos kulturološke, prostorne, programske, narativne, funkcionalne i tehničke konstitutivne elemente. Konačni rezultat je prostorna simbioza pragmatičnih potreba i identiteta korisnika te estetske ekspresije i arhitektovog iskustva. Predmet istražuje komuniciranje unutaršnjeg arhitektonskog prostora na podsvjesnoj razini memorije, rituala, metafore i asocijacije u svrhu uključivanja korisnika na intelektualnoj i emotivnoj razini. Projektiranjem unutarnjeg arhitektonskog prostora nastoje se

kreirati oblici, prostori, servisi te identiteti koji reflektiraju nove potrebe i višestruke pojavnosti suvremenog društva.

\* detaljnije na str. 146. - 147.

tial, program, narrative, functional and technical elements. The final result is the spatial symbiosis of the user's pragmatic needs and identity together with the aesthetic expression and experience of the architect. The course explores the communication of interior space on the subconscious levels of memory, ritual, metaphor and association for the purpose of engaging the user's intellectual and emotional level. The design of interior architectural space strives to create the

forms, spaces, services and identities which reflect the new needs and multi-faceted phenomena of the contemporary society.

\* More information on page 146 - 147

## ISTRAŽIVANJE U URBANISTIČKOM PLANIRANJU

izv. prof. Saša Begović,

doc. dr. sc. Ana Šverko (voditelji kolegija)

doc. dr. sc. Višnja Kukoč, Ivan Jurić

### PREDAVANJA I VJEŽBE

Kolegij je temeljen na grupnom radu i istraživanju kao pretpostavci kako za kvalitetnu intervenciju, tako i za formiranje kvalitetnog programa i zadatka. Uključuje upoznavanje sa strukovnim vokabularom i glavnim protagonistima istraživačkog i analitičkog urbanizma. Istraživačke teme uključene u program su: tipovi javnog prostora i njihovo međusobno povezivanje, javni promet, zelena infrastruktura grada, urbana obnova putem rehabilitacije dotrajalih/nekonsolidiranih urbanih i konurbanih zona, urbana geografija, planiranje u obalnoj zoni, kultura grada kao produkt različitih aktivnosti, sociologija i ekonomija grada te komunikacija u stručnom i javnom diskursu. Istraživanja u urbanističkom planiranju i projektiranju se temelje na načelima primjene odgovarajućih istraživačkih metoda, istraživanja morfogeneze grada i povijesti urbanističkog planiranja, zatim planiranja višeznačno (ne)određenog prostora grada čiji prazni prostori čine ključni element forme urbis, istraživanja fenomena prostornih komunikacija koje generiraju aktivnosti te istraživanja dinamične vremenske dimenzije planiranja.

\* detaljnije na str. 148. - 151.

## URBANI DIZAJN

prof. Dario Gabrić

### PREDAVANJA

Na ovom kolegiju studenti se upoznaju s metodama iniciranja, definiranja, kontrole i usmjeravanja procesa razvoja grada, njegovog prostora i funkcionalnog teritorija. Stječu se osnovna znanja i vještine potrebne za prepoznavanje, interpretaciju i valorizaciju stanja i procesa u gradskom prostoru te primjenu metoda za kontrolu i artikulaciju procesa razvoja grada. Metoda rada temelji se, s jedne strane, na pregledu osnovnih prostornih, funkcionalnih i socioloških fenomena, a s druge strane, putem studentskih seminarskih radova i case study projekata, na primjeni nekih od navedenih alata na konkretni prostor. Predavanja imaju širok dijapazon tema i problematiziraju: prostora (zone) primarno jedne namjene; uloge zgrade kao generatora urbanog razvoja; ulogu ulice u artikulaciji i razvoju gradskog tkiva; tematiku ruba grada, granica i ograničenja u urbanom dizajnu; odnos urbanizma i infrastrukture, napuštenih prostora jedne namjene (waiting land); tematiku urbane rekonstrukcije; ulogu suvremene parkovne arhitekture i malih urbanih intervencija kao alata za iniciranje urbane transformacije.

GODIŠNJAK STUDIJA ARHITEKTURE I URBANIZMA 2017/18.

## RESEARCH IN URBAN PLANNING

Associate Professor Saša Begović,

Assistant Professor Ana Šverko, PhD

(course supervisors)

Assistant Professor Višnja Kukoč, PhD,

Ivan Jurić

### LECTURES AND STUDIO WORK

The course is based on teamwork and research as the preconditions for high-quality interventions as well as for creating high-quality programs and tasks. It includes familiarization with the professional vocabulary and main protagonists of the research-driven and analytical urban design. The following research subjects are included into the course program: types of public space and their interconnection, public transport, green infrastructure of the city, urban reconstruction through the rehabilitation of run-down/unconsolidated urban and conurban zones, urban geography, planning in the coastal zone, culture of the city as a product of different activities, urban sociology and economics and communication in professional and public discourse. Research in urban planning and design is based on the principles of the use of adequate research methods, of the research of urban morphogenesis and the history of urban planning, as well as on those of planning a polysemantically (un)defined urban space, whose empty areas constitute the key element of the urbis form, of the research of the phenomena of spatial communications, which generate activities, and of the research of the dynamic temporal aspect of planning.

\* More information on page 148 - 151

## URBAN DESIGN

Professor Dario Gabrić (course supervisor)

### LECTURES

The course introduces the students to the methods of initiating, defining, controlling and directing the process of the development of the city and its space and functional territory. It equips the students with the basic knowledge and skills required for the identification, interpretation and evaluation of the states and processes in urban space and for the application of the methods of controlling and articulating the processes of urban development. The work method is partly based on an overview of the fundamental spatial, functional and sociological phenomena and partly on the application of some of the mentioned tools on actual spaces, through student seminar papers and case studies. The lectures cover a wide range of subjects and problematize the following: spaces (zones) with a single primary use; the role of the building as a generator of urban development; the role of the street in the articulation and development of urban tissue; the subject of the outskirts, borders and constraints in urban design; the relationship between urban design and infrastructure, waiting land; the subject of urban renewal; the role of modern park architecture and small-scale urban interventions as tools for initiating urban transformation.

**URBOEKONOMIJA**

izv. prof. dr. sc. Silvia Golem

## PREDAVANJA

S ekonomskog aspekta i putem analize lokacijskih odluka ekonomskih subjekata na urbanom području, ovim kolegijem ispituju se glavni razlozi rasta i razvoja gradova, njihova struktura i najznačajniji socio-ekonomski problemi suvremenih gradova. Tijekom semestra, putem interaktivne nastave koja na kraju uključuje primjenu usvojenih koncepata na odabranom "gradu slučaju", studenti analiziraju i preispituju neke od glavnih problema suvremenih urbanih sustava. Naglasak je na razumijevanju ekonomskih razloga nastanka i razvoja gradova različitih veličina i oblika, aglomeracijskih ekonomija, te održivog urbanog razvoja, a nastavne cjeline dodatno uključuju i pitanja urbane strukture, rente, mobilnosti, stanovanja te kvalitete života u gradu.

**INTEGRALNA ZAŠTITA PROSTORA**

doc. dr. sc. Hrvoje Bartulović,

prof. dr. sc. Damir Jukić (voditelji kolegija)

doc. dr. sc. Ivo Andrić

## PREDAVANJA

Kolegij obuhvaća seriju predavanja na kojima se studenti upoznaju s temeljnim odrednicama zaštite prostora te propituju teorije i principe zaštite prostora. Poseban osvrt daje se na značajke obnove već izgrađenog prostora, kao temelja postizanja održivog razvoja, a s obzirom da je mediteransko okruženje povijesno obilježeno razvojem gradova, obrađuju se novi trendovi revitalizacije gradova u svrhu postizanja novih vrijednosti gradskog života i uspostave kvalitetnog dijaloga s prirodnim resursima koji ga okružuju. Dodatno, studenti se putem izrade seminarskog rada upućuju na samostalno istraživanje primjera dobre prakse integralne zaštite prostora, a rezultati istraživanja prezentiraju se na kraju semestra.

**POMORSKE GRAĐEVINE I LUKE**

doc. dr. sc. Veljko Srzić (voditelj kolegija)

izv. prof. dr. sc. Mijo Vranješ

## PREDAVANJA

Osnovni cilj kolegija je upoznati studente s osnovama planiranja, projektiranja i izvedbe obalnih objekata, lukobrana zaštitnog tipa, operativnih površina u obalnom pojasu i plaža. Osim minimalnih tehničkih zahtjeva, sadržaj kolegija usmjeren je ka stjecanju kompetencija koje će, osim planiranja objekata ovog tipa, u sinergiji s drugim strukama rezultirati efektivnim sudjelovanjem u procesu projektiranja i izvedbe objekata jedinstvenog vizualnog identiteta, uz osiguranje funkcionalnosti i predviđene namjene u vijeku trajanja objekta. Teorijskom osnovom obuhvaćeni su osnovni principi i postavke fizike mora, preciznije, procesi strujanja i valovanja mora u području s interakcijom s objektima. Rješenja obalnih objekata, nasutih lukobrana i lukobrana tipa zid, propusnih i nepropusnih objekata te plaža obrađeni su na razini konceptualnog razumijevanja problematike njihovog projektiranja.

GODIŠNJAK STUDIJA ARHITEKTURE I URBANIZAMA 2017/18.

**URBAN ECONOMICS**

Associate Professor Silvia Golem

## LECTURES

From an economic point of view and by analyzing location-related decisions of economic entities in urban areas, this course examines the principal reasons for the growth and development of cities, their structure and the most significant socio-economic problems of contemporary cities. During the semester, through interactive classes which end with the application of the learned concepts on a selected "case city", the students analyze and re-examine some of the main problems of contemporary urban systems. The emphasis is on understanding the economic causes of the formation and development of cities of different sizes and shapes, agglomeration economies and sustainable urban development. In addition, the course units cover questions of urban structure, rent, mobility, housing and the quality of life in the city.

**INTEGRATED ENVIRONMENTAL PROTECTION**

Assistant Professor Hrvoje Bartulović, PhD,

Professor Damir Jukić, PhD

(course supervisors)

Assistant Professor Ivo Andrić, PhD

## LECTURES

The course includes a series of lectures at which the students get acquainted with the basic premises of the protection of built environment and re-examine its theories and principles. Particular attention is given to the renewal of built areas, as the basis for achieving sustainable development. Considering that the Mediterranean environment has historically been marked by the urban developments, the course also covers the emerging trends of urban revitalization aimed at establishing new values of life in the city and a high-quality dialogue with the natural resources that surround it. In addition, through the requirement of preparing a seminar paper, the students are directed towards the independent research of good practice examples of the integrated environmental protection and the results of the research are presented at the end of the semester.

**MARITIME STRUCTURES AND PORTS**

Assistant Professor Veljko Srzić, PhD

(course supervisor)

Associate Professor Mijo Vranješ

## LECTURES

The primary objective of the course is to introduce the students to the basics of the planning, design and construction of coastal structures, protective breakwaters, operating areas in the littoral zone and beaches. Apart from introducing them to the technical requirements, the course also aims to equip the students with competences necessary not only for planning such structures, but also for effective participation, in synergy with other professionals, in the process of designing and constructing structures with a unique visual identity, while assuring their functionality and intended use during their life span. The theoretical basis includes the fundamental principles and postulates of marine physics, that is, of the processes of sea flow and corrugation in areas of interaction with structures. The solutions for coastal structures, rubble mound breakwaters and breakwater walls, permeable and impermeable structures and beaches are covered on the level of conceptualizing the problems of their design.



**PLANIRANJE GRADITELJSKIH INVESTICIJA**

izv. prof. dr. sc. Nikša Jajac

## PREDAVANJA I VJEŽBE

Na kolegiju se studenti upoznaju s planiranjem, procjenom, kontrolom i praćenjem investicija u graditeljstvu kao i s ostalim temeljnim principima poslovanja vezanih uz investicije u svrhu osposobljavanja za praktične zadaće pripreme graditeljskih investicija, njihov izbor, izradu i komentiranje studija izvodljivosti te ocjenu investicijskih pothvata. Uz osnovne elemente poslovne ekonomije (tržište, ponuda, potražnja, proizvodnost, ekonomičnost, rentabilnost, likvidnost, menadžment, odlučivanje, marketing-strategija, koncept vremenske vrijednosti novca) s posebnim naglaskom na planiranje, studenti savladavaju i procjenu vrste i faktore troška/prihoda te postupke praćenja troškova/prihoda i poslovanja. Teme obuhvaćaju i financijsko okruženje poduzeća u graditeljskom sektoru, kapitalna ulaganja u graditeljstvu, investicijske projekte u graditeljstvu (investicijske elabore, predinvesticijske i investicijske studije u smislu njihova značaja, načina izrade i sadržaja) te metode i rezultate financijske analize i izvora financiranja. U komplek-

snom kontekstu investicijskih projekata u graditeljstvu studenti se upoznaju s ulogama i načinom suradnje njihovih dionika.

**UPRAVLJANJE PROJEKTOM**

prof. dr. sc. Snježana Knezić

(voditeljica kolegija)

Martina Milat

## PREDAVANJA I VJEŽBE

Cilj kolegija je omogućiti studentima stjecanje znanja i vještina koja će ih osposobiti za uspješno savladavanje izazova sve složenijeg procesa upravljanja gradnjom. Kako arhitektonsko i urbanističko projektiranje postaju sve zahtjevniji u pogledu održivosti, provedbe projekata, energetske potrošnje i odnosa prema okolišu, studenti moraju biti upoznati s temama upravljanja projektima kako bi uspješno izvršavali arhitektonske zadaće u svojoj budućoj profesionalnoj karijeri. Po završetku kolegija studenti će moći: tumačiti osnovne elemente upravljanja projektima; izraditi statički i dinamički plan te procijeniti troškove projekta; izraditi troškovnik; identificirati i objasniti uzroke rizika; analizirati sustave s više projekata. Tečaj se odvija kroz interaktivna predavanja i praktične vježbe.

GODIŠNIAK STUDIJA ARHITEKTURE I URBANIZMA 2017/18.

**SUVREMENA ARHITEKTURA 3**

prof. Hrvoje Njirić

## PREDAVANJA

Kolegij obrađuje razdoblje arhitekture i urbanizma u svijetu od 1965. do 2010. godine. Iako se gradivo izlaže kronološki, kolegij stavlja naglasak na stvaralačke tendencije koje nadilaze vremenske odrednice. U slijedu se tako studira: strukturalizam, metabolizam, late-modernizam, neoracionalizam, kritički regionalizam, produktivizam, postmodernizam, dekonstruktivizam i poststrukturalizam. Postepeno se uvode i najnovija strujanja poput zen-minimalizma, neokonzervativizma, neovernakulara,

strukturalnog ekspresionizma, digitalnog ornamentalizma te pluralizma kao posljedice star-architecture individualizacije. Pojedini razvojni pravci promatraju se u odnosu na likovnu umjetnost i nove medije, s ciljem da se pokaže uzročno-posljedična veza i studente animira na sagledavanje šireg kulturnog konteksta. Metodički pristup podrazumijeva osposobljavanje studenata da valoriziraju ključne projekte, uspostave kriterije prosuđivanja i naposljetku primjene naučeno. U tom smislu, kolegij je koncipiran kao operativna platforma za uspješnije rješavanje projektantskih zadaća u radionica-ma Diplomskog studija.

**CONSTRUCTION INVESTMENT PLANNING**

Associate Professor Nikša Jajac, PhD

## LECTURES AND PRACTICAL EXERCISES

The course introduces the students to the planning, estimate, control and tracking of building investments and to other business basics concerning investments, in order to enable them to handle the practical tasks of preparing and choosing building investments, as well as to prepare and comment on feasibility studies and assess investment projects. Along with the elements of business economics (the concepts of market, offer, demand, productivity, cost-effectiveness, profitability, liquidity, management, decision making, marketing strategy, time value of money), with particular emphasis on planning, the students master the evaluation of the type and factors of costs/revenue and the processes of monitoring costs/revenue and business operations. The subjects also include the financial environment of construction companies, capital investments and capital projects in the construction industry (investment studies, prefeasibility and feasibility studies in terms of their significance, the methods of their preparation and their contents), as well as the methods and results of financial analysis and sources of financing. In the complex context of capital projects in the construction industry, the stu-

dents become acquainted with the roles and modes of cooperation of the stakeholders of these projects.

**PROJECT MANAGEMENT**

Professor Snježana Knezić, PhD

(course supervisor)

Martina Milat

## LECTURES AND PRACTICAL EXERCISES

The main objective of the course is to teach students both knowledge and skills to cope with the ever-increasing complexity of construction management. As the architectural design and urban interventions are getting more challenging as regards sustainability, projects' implementation, energy consumption and environment, the students need to be acquainted with project management topics to successfully fulfil tasks in their future competitive professional career. Upon completion of the course, students will be able to: comment on the basic elements of project management; make static and dynamic plans, as well as estimate project costs; make resource' plans; identify and comment on risk causes; analyse multi-project systems. The course is taught through interactive lectures and adequate practical exercise.

**CONTEMPORARY ARCHITECTURE 3**

Professor Hrvoje Njirić

## LECTURES

The course focuses on architecture and urban planning in the period from 1965 to 2010. Even though the course material is presented chronologically, there is special emphasis on the creative tendencies which overcame the limitations of their time period. The following subjects are thus covered: Structuralism, Metabolism, Late Modernism, Neo-Rationalism, Critical Regionalism, Productivism, Postmodernism, Deconstructivism and Post-Structuralism. This is followed by the gradual introduction of the latest tendencies such as

Zen-Minimalism, Neoconservatism, Neo-Vernacular, Structural Expressionism, Digital Ornamentalism and Pluralism, as consequences of *star-architecture* individualization. Individual developmental tendencies are analysed with respect to visual arts and new media, with the aim of revealing their causal relationship and encouraging the students to consider the broader cultural context. The methodical approach includes the expanding of the students' capacity to evaluate key projects, establish the evaluation criteria and finally, apply what they have learned. In this sense, the course is envisaged as an operational platform for enabling more successful work on design assignments in Graduate Design Studios.

**SUVREMENA ARHITEKTURA 4**

prof. dr. sc. Darovan Tušek

PREDAVANJA

Kolegij obrađuje razvoj hrvatske arhitekture u razdoblju od završetka Drugoga svjetskog rata do danas. Kolegij tvori sadržajnu cjelinu s kolegijima SA1 i SA2 na preddiplomskom studiju te kolegijima SA3 i TA na diplomskom studiju. Cilj kolegija je osposobiti studente da na temelju ključnih arhitektonskih realizacija prepoznaju ključne točke i širi kontekst nacionalne arhitektonske produkcije ovog razdoblja, analiziraju doprinos pojedinih autora i uspostave argumentiranu strukturu kriterija koji su presudno utjecali na autorske projektantske odgovore, kako bi se takva analiza mogla na odgovarajući način primjenjivati u vlastitim projektima sukladno osobnom kriterijskom diskursu i kreativnim poticajima.

**RADIONICA ZAŠTITE I OBNOVE GRADITELJSKOG NASLIJEĐA 1**

izv. prof. dr. sc. Katja Marasović,

doc. dr. sc. Snježana Perojević

(voditeljice kolegija)

dr. sc. Dunja Babić

PREDAVANJA I VJEŽBE

Kolegij omogućuje upoznavanje elemenata, osobitosti i posebnosti očuvanja, zaštite te projektiranja u kontekstu tradicijske arhitekture, ali i prirodnom kontekstu, s posebnim težištem na obalnom području. Studenti razvijaju svijest i senzibilitet za rad u specifičnim uvjetima vernakularne arhitekture te im stečena znanja omogućavaju izradu projekata obnove tradicijske arhitek-

**TEORIJA ARHITEKTURE**

prof. dr. sc. Karin Šerman,

izv. prof. dr. sc. Robert Plejić

PREDAVANJA

Kolegij prezentira i istražuje konceptualne okvire i teorijske sustave koji definiraju i informiraju arhitektonski diskurs i djelovanje u postmodernom razdoblju i recentnom trenutku. Istraživanjem se teorijama pristupa putem izabranih i u kontekstualnom smislu diskutiranih arhitektonskih primjera i pripadajućih izvornih tekstova. Razvija se diskusija postmodernog doba, s njegovom specifičnom brojnošću i divergentnošću teorijskih stajališta te heterogenošću njihovih estetičkih manifestacija. Ispituju se nove paradigme mišljenja, koje pristižu iz arhitekturi eksternih kulturnih disciplina - filozofije, psihologije, sociologije, književne teorije, lingvistike. Istražuju se potencijali teorijskih sustava kao što su: fenomenologija, semiotika, strukturalizam, poststrukturalizam, dekonstrukcija, psihoanalitička teorija i druge. Izlučuju se nove teme i fokusi arhitektonskog interesa: tema znaka i značenja, poruke i komunikacije, jezika, povijesti, tradicije, tipologije, grada kao kulturnog artefakta, mjesta kao toposa, tijela kao lokusa iskustva i doživljaja.

ture te izradu projekta nove arhitekture u tradicijskom i prirodnom kontekstu. Gradi vo se svladava klasičnom metodom arhitektonskog snimanja, upoznavanjem s osobitostima tradicijske arhitekture, upoznavanjem s osobitostima tradicijskih materijala, tipovima konstrukcija i elemenata (osobine i primjena materijala, tipovi konstrukcija, karakteristični elementi građevina, gospodarski elementi, prikupljanje i skladištenje vode) zatim putem upoznavanja metoda i primjera obnova i izgradnje novih građevina u tradicijskim cjelinama te putem izrade praktičnih zadataka koji uključuju arhitektonski snimak postojećeg stanja, analizu elemenata tradicijske arhitekture te projekt obnove jednostavnije građevine.

\* detaljnije na str. 152. - 153.

GODIŠNJAK STUDIJA ARHITEKTURE I URBANIZMA 2017/18.

**CONTEMPORARY ARCHITECTURE 4**

Professor Darovan Tušek, PhD

LECTURES

The course focuses on the development of Croatian architecture in the period from the end of the Second World War to the present. In terms of its subject, the course forms an integral whole with the undergraduate courses CA1 and CA2 and the graduate courses CA3 and TA. The objective of the course is to enable the students to identify the main achievements and broader context of national architectural production in this period, to analyse the contributions of individual authors and to define a well-reasoned structure of criteria which have decisively affected the authorial design responses of the time, all in order to adequately apply such an analysis in the students' own projects, in accordance with the personal criteria-related discourse and creative drive.

**PROTECTION AND RESTORATION OF ARCHITECTURAL HERITAGE STUDIO 1**

Associate Professor Katja Marasović, PhD,

Assistant Professor Snježana Perojević, PhD

(course supervisors)

Dunja Babić, PhD

LECTURES AND STUDIO WORK

The studio focuses on the elements, particularities and specific features of preservation, protection and design in the context of traditional built environment, as well as in the natural context, with special focus on coastal areas. The students develop an awareness of, and sensibility for, working in the special conditions of vernacular architecture. The knowledge that they acquire enables them to design projects for the renovation of tra-

**THEORY OF ARCHITECTURE**

Professor Karin Šerman, PhD,

Associate Professor Robert Plejić, PhD

LECTURES

The course presents and explores the conceptual frameworks and theoretical systems which define and inform architectural discourse and practice in the postmodern period and present times. The studied theories are approached through select and contextually explained architectural examples and the textual sources pertaining to them. This leads to a discussion of the postmodern age, framed by the distinctive numerousness and divergence of its theoretical positions and the heterogeneity of their aesthetic manifestations. New paradigms of opinion are examined, imported from cultural disciplines outside of architecture - philosophy, psychology, sociology, literary theory, linguistics. The potential of the following theoretical systems is explored: phenomenology, semiotics, structuralism, post-structuralism, deconstruction, psychoanalytic theory and others. This leads to the emergence of new topics and focuses of architectural interest: the topic of the symbol and meaning, message and communication, language, history, tradition, typology, city as a cultural artefact, place as topos, body as the locus of experience and sensation.

ditional architecture, as well as to design new architecture in the traditional and natural context. The course material is mastered through the standard method of architectural surveying, through studying the distinctive features of traditional architecture, the characteristics of traditional materials and the types of structures and elements (characteristics and use of materials, types of structures, characteristic elements of buildings, service elements, water accumulation and storage), as well as through learning the methods and examples of renovation and of building of new structures in traditional complexes and further, through solving practical assignments, which include an architectural current situation survey, an analysis of the elements of traditional architecture and a project for the renovation of a simple building.

\* More information on page 152 - 153

**RADIONICA ZAŠTITE I OBNOVE  
GRADITELJSKOG NASLIJEĐA 2**

izv. prof. dr. sc. Katja Marasović,  
doc. dr. sc. Snježana Perojević  
(voditeljice kolegija)  
dr. sc. Dunja Babić

PREDAVANJA I VJEŽBE

Kolegij obrađuje teoretski i praktični pristup obnovi povijesnih građevina. Studenti se upoznaju s elementima koji utječu na planiranje i projektiranje obnove te procesom izrade konzervatorskih elaborata s posebnim osvrtom na valorizaciju i izradu smjernica. Praktični zadaci uključuju mapiranje povijesne jezgre s aspekta vlastite percepcije identitetskih elemenata splitske povijesne jezgre i čitavoga grada te mapiranje namjena u okviru prostora Dioklecijanove palače, zatim seminarski rad na temu interpolacije u povijesno složenom kontekstu, prostoručni crtež stilskog elementa te izradu manjeg elaborata valorizacije i smjernica obnove odabrane povijesne građevine / sklopa ili prezentacije arheološkog lokaliteta s idejnim rješenjem.

\* detaljnije na str. 154. - 155.

**RADIONICA ZAŠTITE I OBNOVE  
GRADITELJSKOG NASLIJEĐA 3**

izv. prof. dr. sc. Katja Marasović,  
doc. dr. sc. Snježana Perojević  
(voditeljice kolegija)  
dr. sc. Dunja Babić

PREDAVANJA I VJEŽBE

U sklopu ovog kolegija studenti se upoznaju sa suvremenim teorijama zaštite i obnove graditeljskog naslijeđa te specifičnostima urbanističkog i arhitektonskog projektiranja u povijesnim sredinama kod nove izgradnje ili prenamjene povijesnih građevina. Objasnjavaju se uloge i zadaci svih sudionika u procesu zaštite i obnove graditeljske baštine uključujući međunarodne i nacionalne institucije i smjernice. Savladavaju se ključni konstruktivni i tehnološki elementi obnove povijesnih građevina, elementi obnove povijesnih građevina u sustavu održivosti te ekonomski aspekti zaštite i obnove graditeljskog naslijeđa. Praktični zadatak uključuje izradu idejnog rješenja interpolacije u povijesnoj sredini ili prezentacije i zaštite arheološkog lokaliteta.

\* detaljnije na str. 156. - 159.

GODIŠNIAK STUDIJA ARHITEKTURE I URBANIZMA 2017/18.

**PROTECTION AND RESTORATION  
OF ARCHITECTURAL HERITAGE  
STUDIO 2**

Associate Professor Katja Marasović, PhD,  
Assistant Professor Snježana Perojević, PhD  
(course supervisors)  
Dunja Babić, PhD

LECTURES AND STUDIO WORK

The course provides an insight into the theoretical and practical approach to the renovation of historical buildings. Students are being introduced to the elements which affect renovation planning and design as well as to the process of preparing conservation studies, with special reference to valuation and the creation of guidelines for preservation. The practical assignments include the mapping of the historical center and mapping the uses within the space of Diocletian's Palace. Students are encouraged to use their individual perception to identify the elements that determine the identity of the historical center and the entire city of Split. This is followed by a seminar paper on the subject of interpolation in a historically complex context, a free-hand drawing of a style element and the creation of a small-scale study of the valuation and guidelines of the renovation of a chosen historical building/complex, or alternatively, a presentation of an archaeological site with a conceptual design.

\* More information on page 154 - 155

**PROTECTION AND RESTORATION  
OF ARCHITECTURAL HERITAGE  
STUDIO 3**

Associate Professor Katja Marasović, PhD,  
Assistant Professor Snježana Perojević, PhD  
(course supervisors)  
Dunja Babić, PhD

LECTURES AND STUDIO WORK

The course provides insight into the contemporary theories and the specific features of urban and architectural design in historical environments, concerning design of new buildings or adaptive reuse of historical buildings. The course explains the roles and duties of all the participants in the process of the preservation and renovation of built heritage including the central international and national institutions and their guidelines. The students further study the essential structural and technological elements of the renovation, the elements of the renovation within an aspects of sustainability as well as within the economic aspects. The practical assignment includes the preparation of a conceptual design linked with the subject of the renovation of a historical building or interpolation in a historical environment.

\* More information on page 156 - 159

Studenti odabiru područje izrade diplomskog rada iz prethodno definiranih područja koje utvrđuje Fakultetsko vijeće za svaku akademsku godinu. Studenti obavljaju samostalni istraživački, analitički i projektantski rad iz teme koja je odabrana u suradnji s mentorom iz odabranog područja. Izradu rada, poglavito u analitičko-istraživačkom segmentu putem konzultacija prati i ko-mentor. Rad se uz popratni vizualni materijal usmeno obrazlaže na javnoj prezentaciji ispred tročlanog povjerenstva za ocjenu diplomskog rada.

\* detaljnije na str. 160. - 167.

The students choose the subject of their master thesis from a pre-defined set of fields determined by the Faculty Council for each academic year. The students carry out independent research, analysis and design work on the subject chosen in consultation with a mentor from the chosen field. The preparation of the thesis, especially of its analytical and research segment, is also supervised by a co-mentor through consultations. Together with its accompanying visual material, the thesis is orally presented in a public presentation before a three-member commission for the grading of the master thesis.

\* More information on page 160 - 167

**RADOVI 2017./18.**



**STUDIO WORK 2017/18**

DVORANA GIMNAZIJE

Semestralni zadatak obuhvaća izradu arhitektonskog projekta nastavno-sportske dvodijelne dvorane za Gimnaziju Nova Gradiška. Nova dvorana polivalentne namjene smještena je na prostoru zapuštenih vanjskih sportskih terena u južnom dvorištu Gimnazije površinom obuhvaćajući približno 4.000 m<sup>2</sup> te je kapacitirana za okvirnu brojku od 350 učenika i 300 gledatelja. Cilj projekta je iznalaženje oblikovnog, funkcionalnog, održivog i ekonomičnog rješenja sukladno važećoj prostorno-planskoj dokumentaciji koje će zadovoljiti sve uvjete nesmetanog funkcioniranja izvođenja nastave i podmiriti potrebe svih korisnika. Zadatak se pokazao kao posebno izazovan, jer je osim projektiranja nove dvodijelne sportske dvorane u skladu sa svim propisima i standardima, trebalo razmišljati i o kontekstu, o položaju novog objekta unutar samog mjesta, o ekonomičnosti rješenja, ali i o odnosu prema postojećoj zgradi Gimnazije.

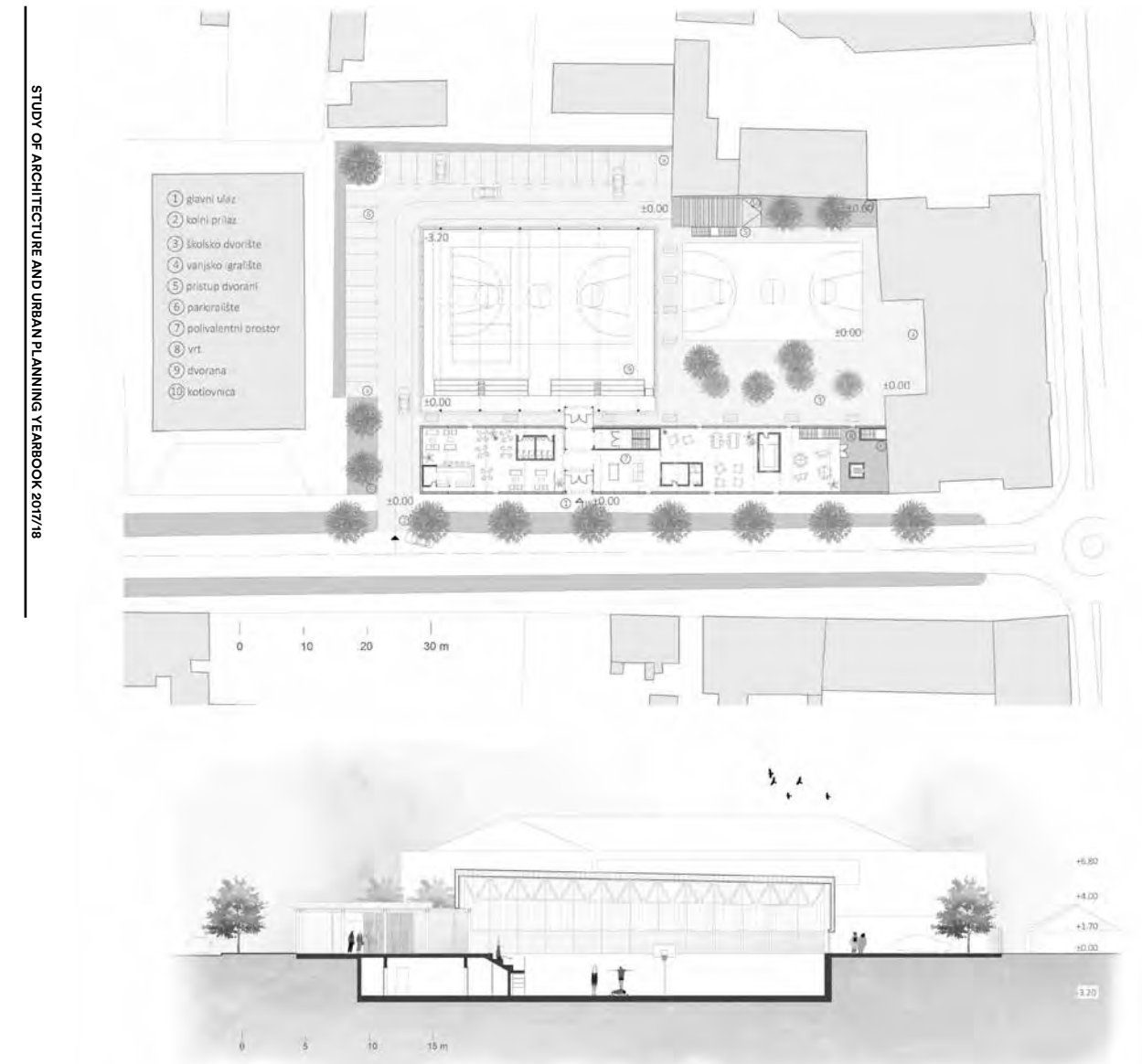
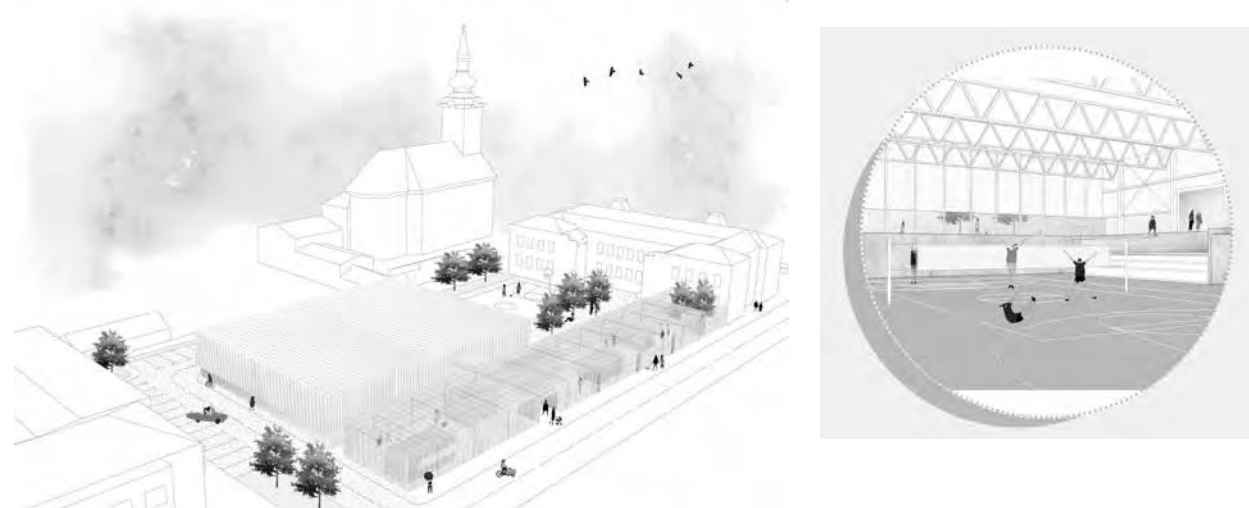
Tema zadatka definirana je u suradnji fakulteta i lokalne uprave grada Nove Gradiške i provedena u sklopu druge studentske radionice u Novoj Gradiški na kojoj su uz studente FGAG-a sudjelovali i studenti AF Sveučilišta u Zagrebu. Na takav način studenti imaju priliku da stečeno znanje testiraju na realnim zadacima, uspoređuju znanja i premise dviju škola, proširuju ili stvaraju vlastitu profesionalnu mrežu, a u konačnici, ovakve suradnje su zamišljene da se ti projekti finaliziraju izradom dokumentacije i dovedu sve do realizacije odnosno izgradnje.

HIGH SCHOOL SPORTS HALL

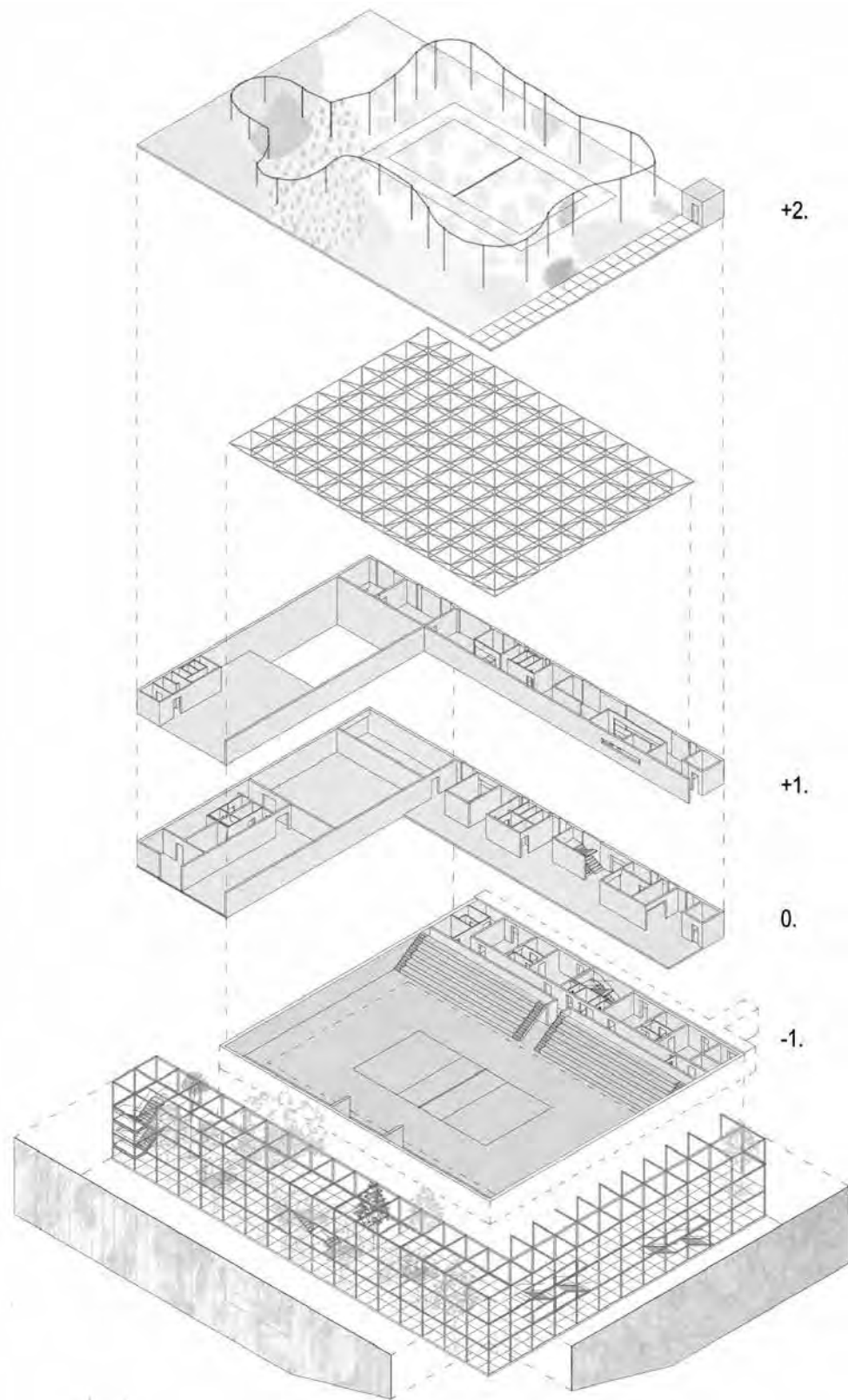
The semestral assignment includes the design proposal for a two-court sports hall of the Nova Gradiška High School. The new multipurpose hall is located in the area of the existing run-down outdoor sports courts in the southern courtyard of the high school. Its surface is approximately 4,000 m<sup>2</sup> and it has the capacity of accommodating approximately 350 students and 300 spectators. The project goal is to find a formal, functional, sustainable and cost-effective solution in accordance with the applicable city planning documents, which will meet all the requirements for the undisturbed conducting of classes and the needs of all the users. The assignment was particularly challenging, given that, in addition to designing a new two-court sports hall in conformity with all the regulations and standards, the students had to consider the context, the position of the new building within the town, the cost-effectiveness of the project, as well as the relation towards the existing high school building.

The subject of the assignment was defined in cooperation between the faculty and the local government of the town of Nova Gradiška and the assignment itself was part of the second student workshop in Nova Gradiška, attended by the students of the Faculty of Civil Engineering, Architecture and Geodesy of Split and the Faculty of Architecture of the University of Zagreb. This provided the students with an opportunity to test the acquired knowledge on a real proposal, compare the knowledge and principles of the two faculties, expand or create their own professional network, and finally, such cooperations are done with the aim of finalizing the propositions through the preparation of project documentation, all the way to possible realisation of the project.

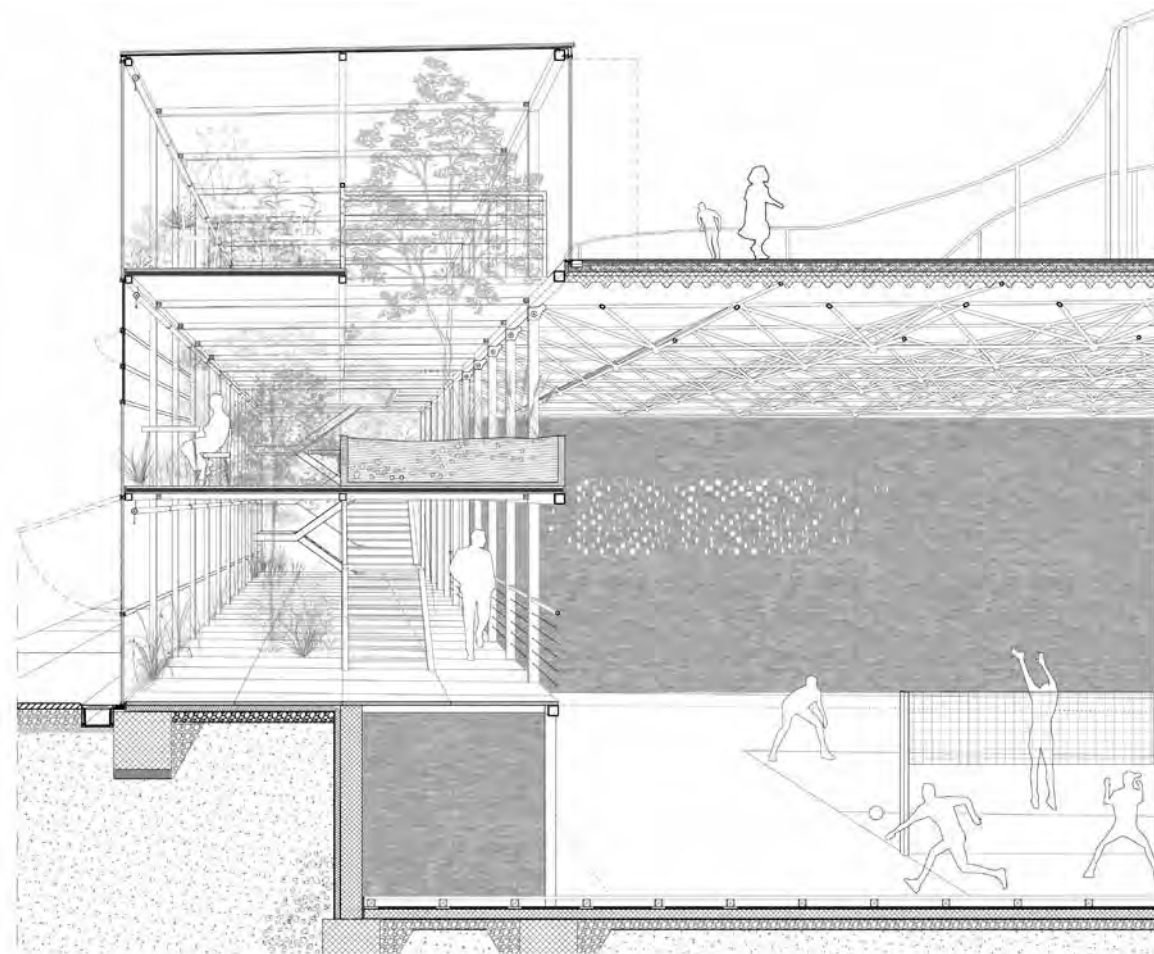
GODIŠNJAK STUDIJA ARHITEKTURE I URBANIZMA 2017/18.



STUDY OF ARCHITECTURE AND URBAN PLANNING YEARBOOK 2017/18



Laura Ibrahić, Marin Petković: Dvorana Gimnazije / High School Sports Hall, Nova Gradiška



GRADHOTEL

U dobu kontinuiranih promjena (društvenih, ekonomskih, političkih, demografskih, ekoloških, prostornih...), u stalnom nastanku novih realnosti, brzina prilagodbe temeljni je parametar održivosti svakog sustava. Cilj zadatka GRADHOTEL je redefinicija suvremenih tipologija hotela te istraživanje potencijala interpolacija *hospitality and leisure* sadržaja u postojeće tkivo grada. Lokacija se nalazi u zoni nisko konsolidirane gradnje splitske suburbije, na području Šine. To je područje primjer okoštavanja rubnih gradskih prostora na kojima se reflektiraju višedesetljetni izostanci planskog širenja. Odabir lokacije sugerirao je potrebu za iznalaženjem potpuno novih međusobnih relacija interpoliranog i zatečenog, neviđenih u dosadašnjoj praksi. Zadatak je zamišljen kao ispitivanje složenih međuodnosa gradskog tkiva / grada; njegovih društvenih, političkih, ekonomskih, prostornih, događajnih fizionomija, naspram kontradiktorne prirode jedne od njegovih žarišnih, urbanotvornih točaka GRADSKA KUĆE / HOTELA. Kompleksan i obuhvatan pristup odabranoj temi o tome što hotel u suvremenom gradu “želi biti”, zahtijevao je nelinearno razmišljanje o GRADUHOTELU i tipologiji hibrida, koja dokida postojeću granicu gdje prestaje stvarni, a počinje simulirani grad.

CITY-HOTEL

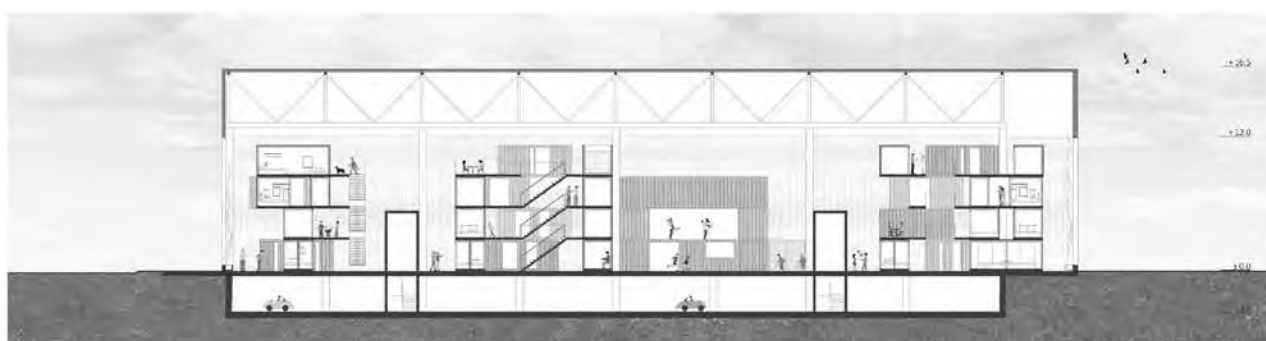
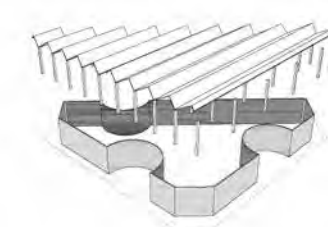
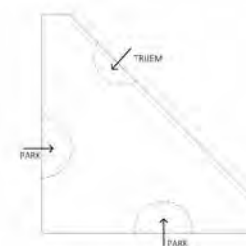
In an age of continuous changes (social, economic, political, demographic, environmental, spatial...), in the constant creation of new realities, the readiness of adjustment is the basic parameter of the sustainability of any system. The objective of the CITY-HOTEL assignment is to redefine the contemporary hotel typologies and explore the potential of the interpolation of hospitality and leisure facilities into the existing urban tissue. The site is located in the Split suburban area of Šine. This area is an example of the ossification of urban border spaces, which reflect the decades-long lack of planned development. The choice of site implied the need for devising completely new relations between the interpolated and the existing, unknown in current practice. The assignment is envisaged as a testing of the complex interrelations within the urban tissue/city; its social, political, economic, spatial, event physiognomies, juxtaposed with the contradictory nature of one of its focal, urbanity-forming points – the CITY HOUSE / HOTEL. A complex and comprehensive approach to the subject of what a hotel in a contemporary city “wants to be” required non-linear thinking about the CITY-HOTEL and the typology of the hybrid, which cancels the existing boundary between the real and the simulated city.

GODIŠNJAK STUDIJA ARHITEKTURE I URBANIZMA 2017/18.

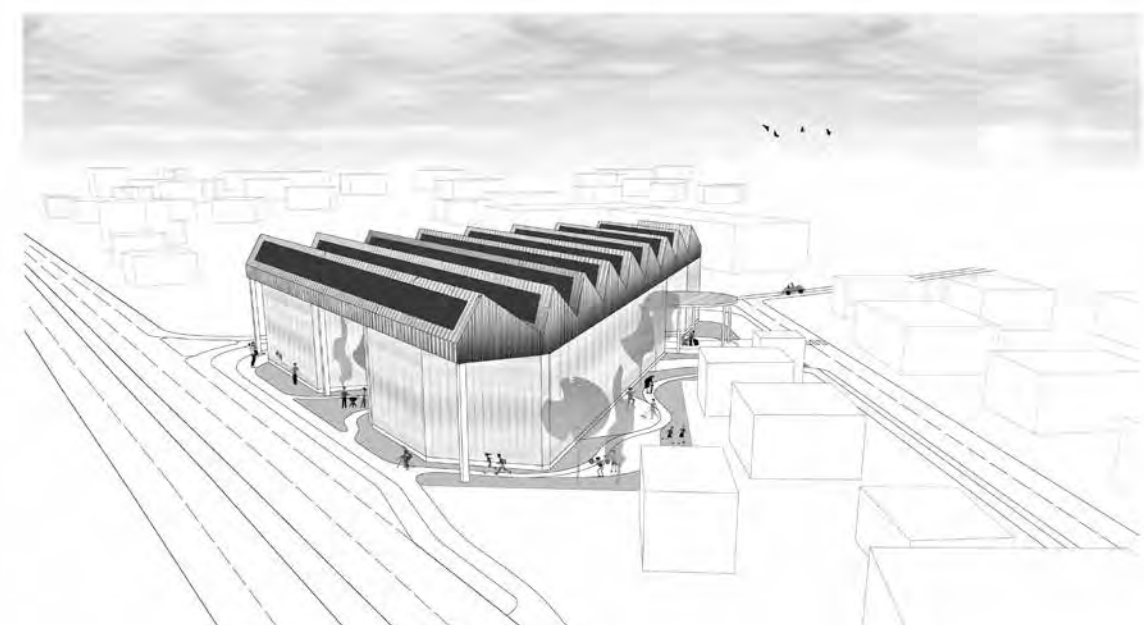
STUDY OF ARCHITECTURE AND URBAN PLANNING YEARBOOK 2017/18

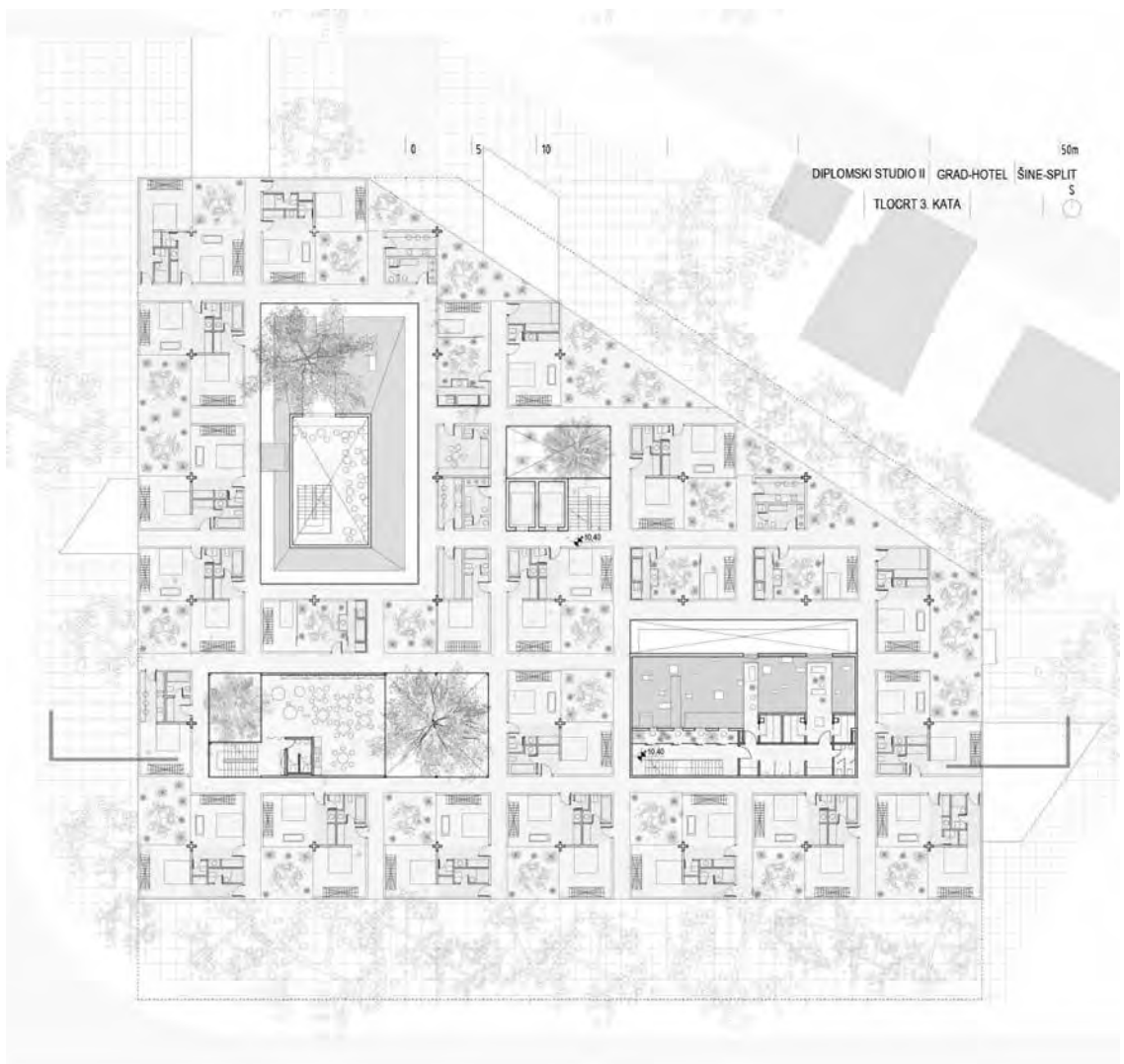


TLOCRT PRIZEMLJA

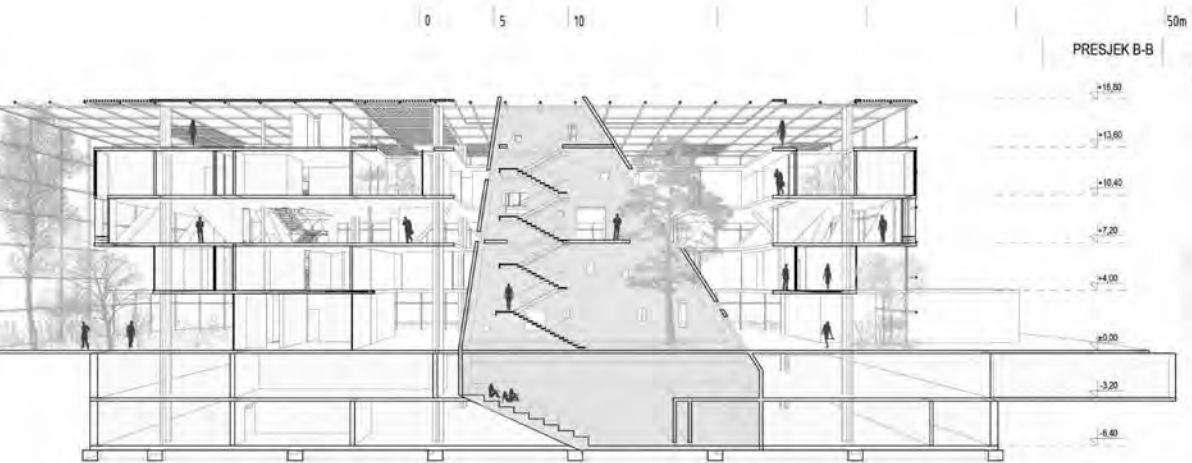


Magdalena Bodrožić, Ana Šegrt

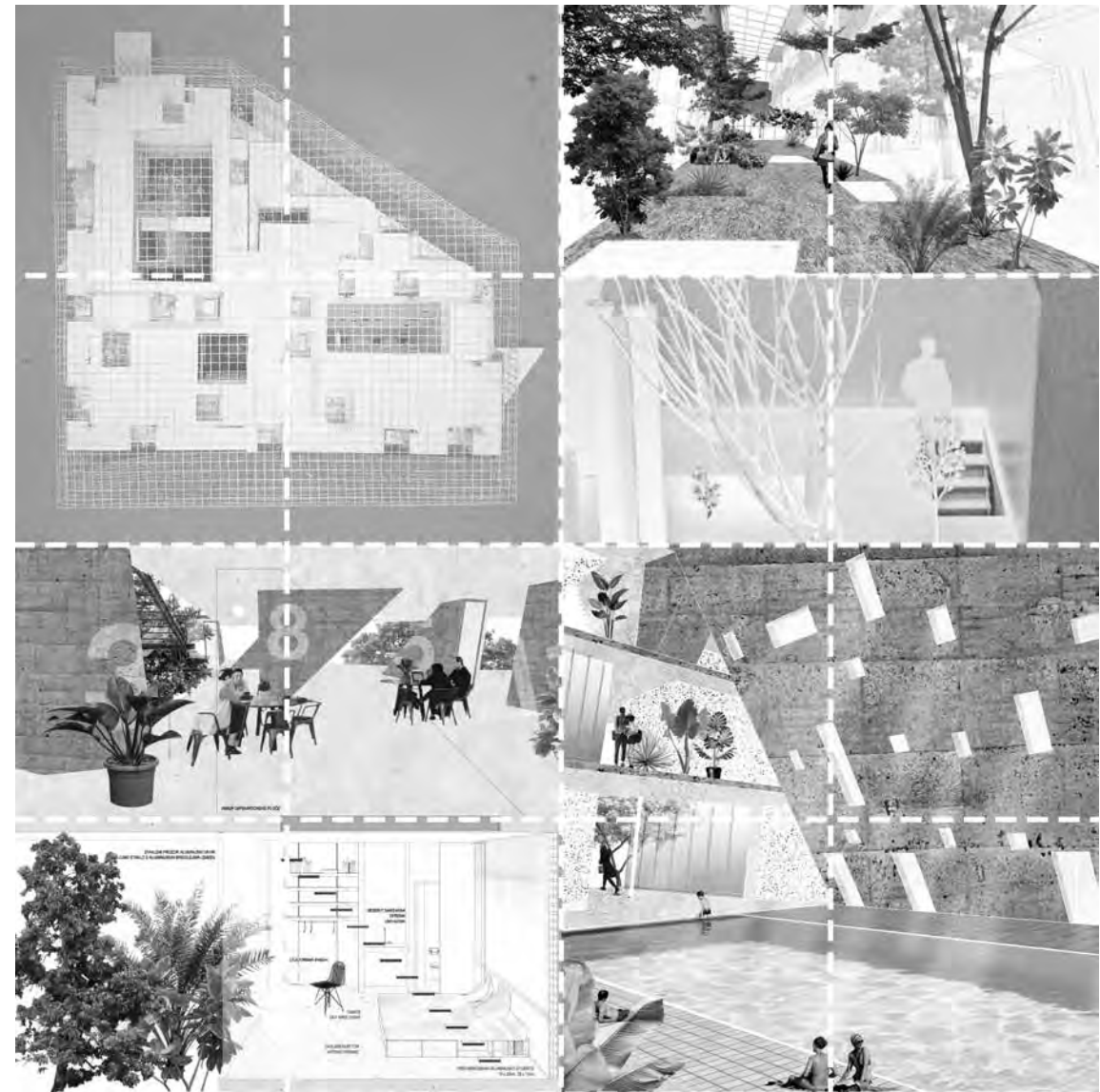




GODIŠNJAK STUDIJA ARHITEKTURE I URBANIZMA 2017/18.



Laura Ibrahić, Marin Petković: GRADHOTEL / CITY-HOTEL



STUDY OF ARCHITECTURE AND URBAN PLANNING YEARBOOK 2017/18

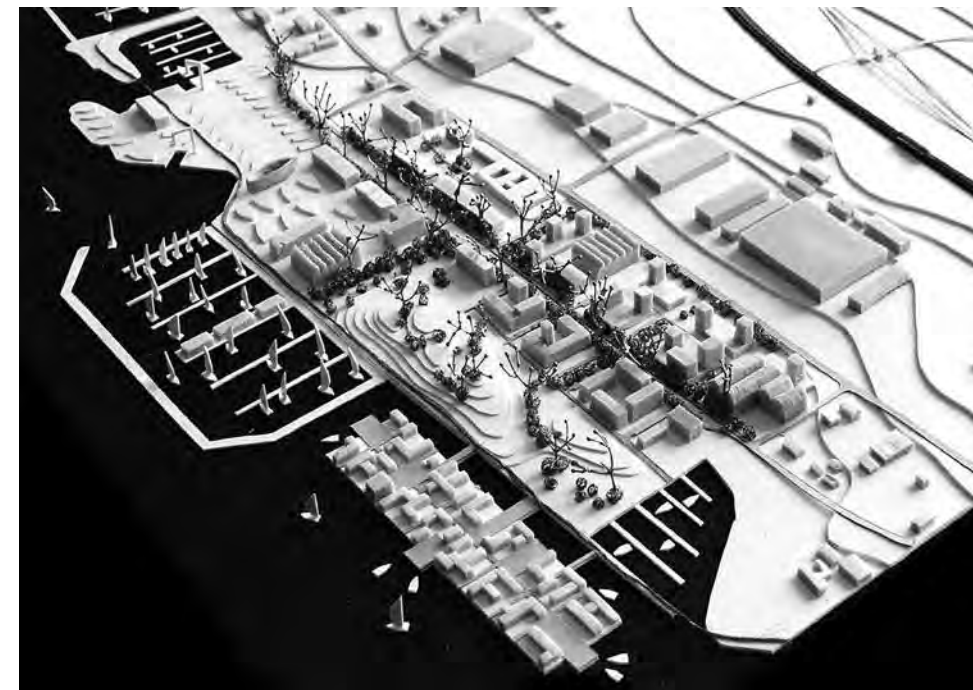


Tema semestralnog zadatka je urbana revitalizacija na *brownfield* lokacijama u Kaštelanskom zaljevu i to ranžirni kolodvor uz ušće rijeke Jadro u Solinu te kompleks tvornice Jugovinila u Kaštel Sućurcu. Na lokaciji u Solinu ostvarena je suradnja s arhitektonskim fakultetima iz Zagreba i Ljubljane dok se lokacija u Kaštel Sućurcu istraživala u suradnji sa studentima/icama iz Berlina (Universität der Künste). Predavanja s konferencije "Split Talks" poslužila su kao teoretski i praktični uvod u temu zadatka, a programski parametri definirani su u suradnji s lokalnim stručnjacima: planerima, konzervatorima, arheolozima i ostalim dionicima. Tijekom semestra studenti rade i predaju tri faze projekta: koncept prostora u mjerilu 1:2500, urbanistički plan naselja u mj. 1:1000 te arhitektonski projekt odabranog objekta u mjerilu 1:500. Analizira se lokacija, postojeća infrastruktura te vrijedni artefakti u prostoru, a zatim sukladno tome programira i planira buduća urbana struktura područja te predlažu nove funkcije i tipologije na temelju održivih postavki razvoja gradske strukture.

The subject of the semestral assignment is the urban renewal on brownfield locations in Kaštela Bay, i.e. on the shunting yard by the mouth of the Jadro river in Solin and on the Jugovinil industrial plant in Kaštel Sućurac. On the location in Solin, the students cooperated with the Zagreb and Ljubljana faculties of architecture, while the location in Kaštel Sućurac was explored in cooperation with students from Berlin (Universität der Künste). Lectures from the Split Talks conference provided a theoretical and practical introduction into the subject of the assignment, while the program parameters were defined in cooperation with local experts: planners, conservators, archaeologists and other stakeholders. During the semester, the students prepare and submit three project phases: a spatial concept in the scale of 1:2500, an urban-development plan of the area in the scale of 1:1000 and an architectural project for the chosen building in the scale of 1:500. The location, existing infrastructure and valuable artifacts in the space are analyzed. In accordance with the results of the analysis, future urban structures in the area are programmed and planned and new functions and typologies are proposed, based the principles of the sustainable development of the urban structure.



Inka Černić, Ena Radić, Mia Šantić: Kompleks tvornice Jugovinil / Jugovinil Industrial Plant, Kaštel Sućurac



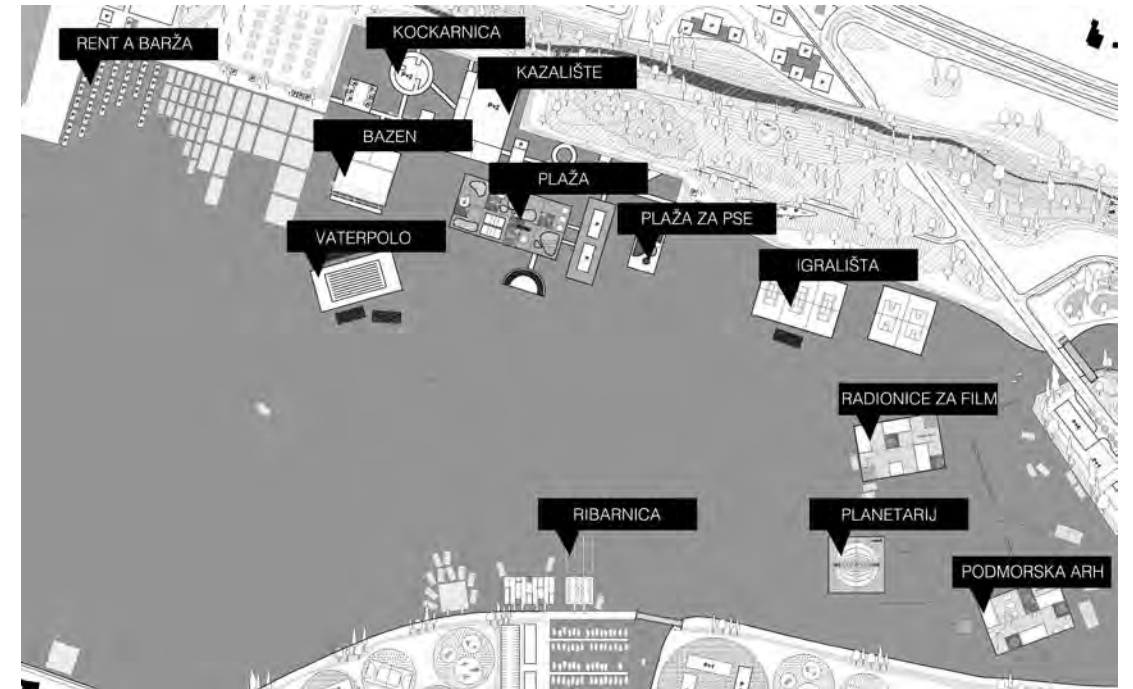
GODIŠNIAK STUDIJA ARHITEKTURE I URBANIZMA 2017/18.

STUDY OF ARCHITECTURE AND URBAN PLANNING YEARBOOK 2017/18



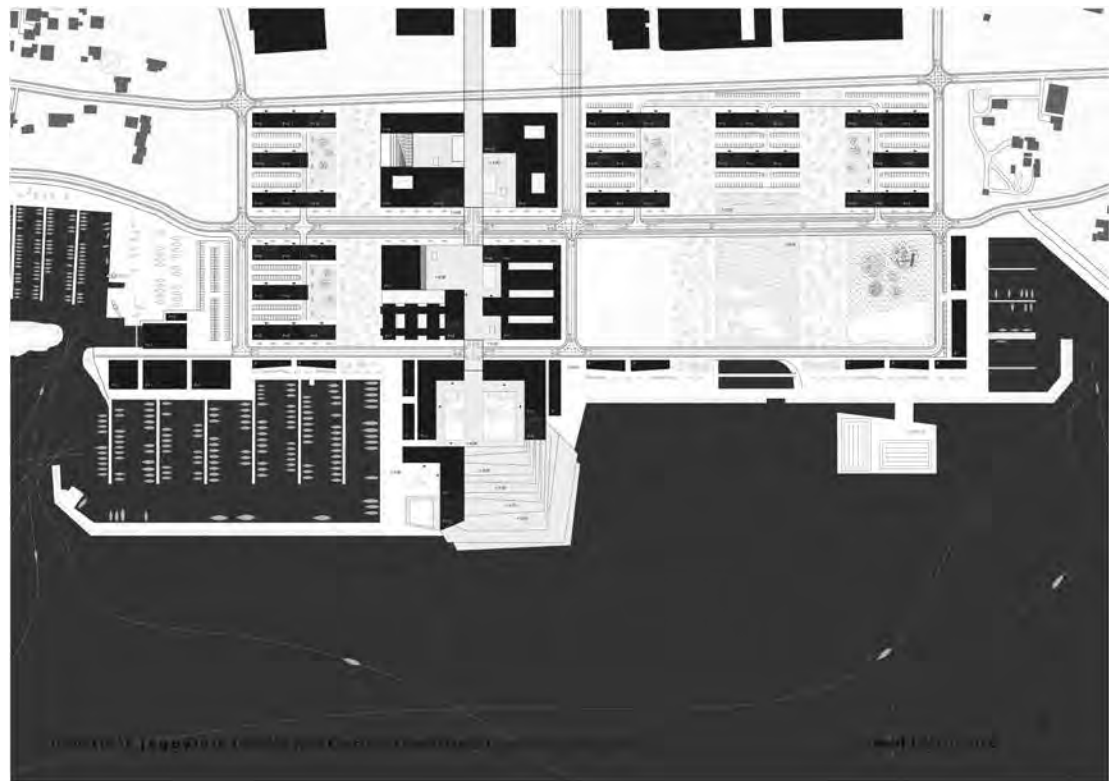
GODIŠNJAK STUDIJA ARHITEKTURE I URBANIZMA 2017/18.

Inka Černić, Ena Radić, Mia Šantić: Ranžirni kolodvor uz ušće rijeke Jadro / Shunting Yard by the Mouth of the Jadro River, Solin



STUDY OF ARCHITECTURE AND URBAN PLANNING YEARBOOK 2017/18





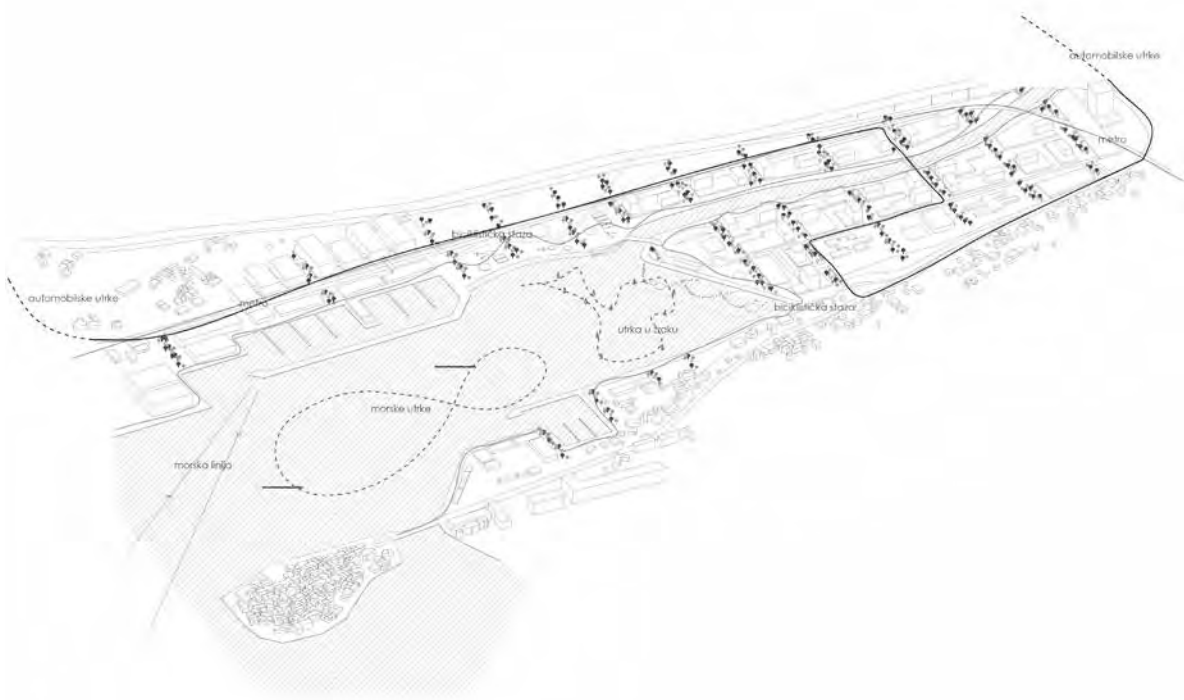
Hana Paleka, Helena Udovičić: kompleks tvornice Jugovinil / Jugovinil Industrial Plant, Kaštel Sućurac

GODIŠNJAK STUDIJA ARHITEKTURE I URBANIZMA 2017/18.



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GODIŠNJAK STUDIJA ARHITEKTURE I URBANIZMA 2017/18.

Hana Paleka, Helena Udovičić: Ranžirni kolodvor uz ušće rijeke Jadro / Shunting Yard by the Mouth of the Jadro River, Solin



STUDY OF ARCHITECTURE AND URBAN PLANNING YEARBOOK 2017/18

## INTERIJER

prof. Neno Kezić

Nora Roje

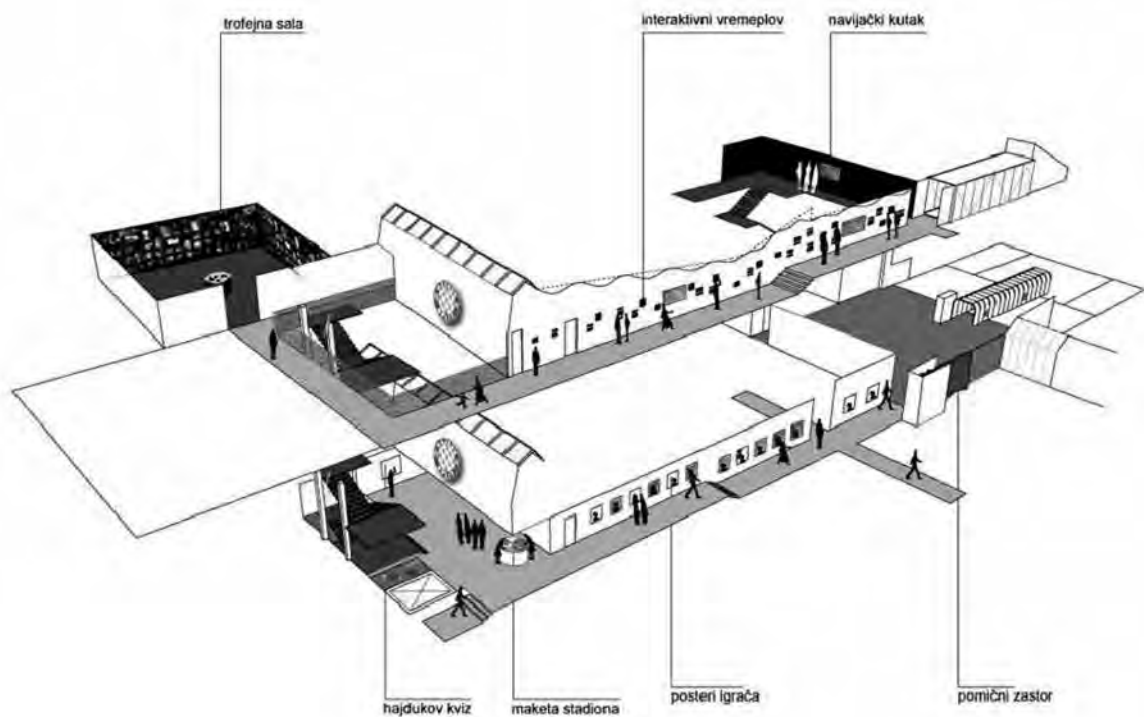
## INTERIOR DESIGN

### TURISTIČKA TURA NA STADIONU U POLJUDU

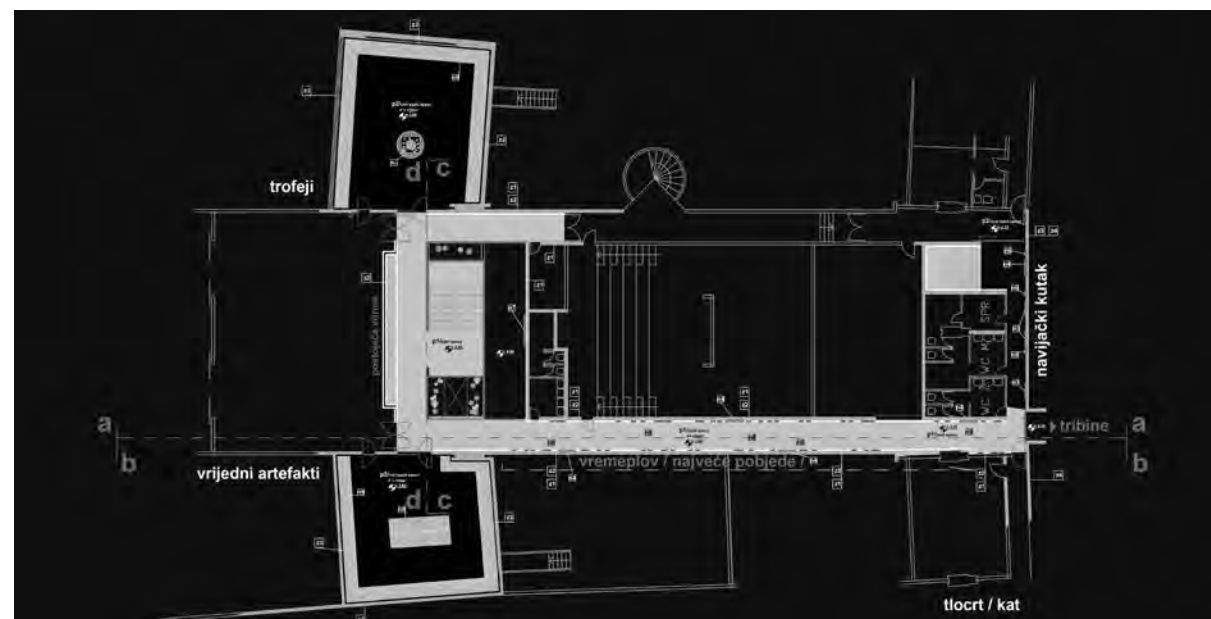
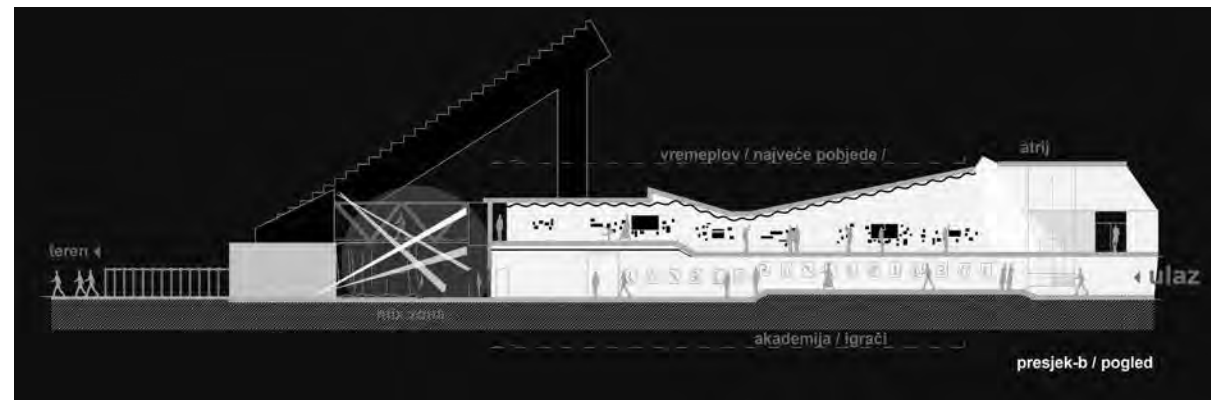
Zadatak uključuje izradu projekta interijera dijela stadiona na Poljudu kojim prolazi turistička tura. Pri tome se naročito vodi računa o zadanom arhitektonskom okviru te potrebi za inovativnom prezentacijom nogometnog kluba Hajduk i njegove povijesti. Cilj projekta je oblikovati prostor za potrebe turističkog obilaska, ali i svakodnevnog funkcioniranja nogometnog kluba. Zadatak je podrazumijevao razvoj početne ideje do izvedbenih nacрта koji uključuju detalje, odabir materijala, boja i opreme.

### GUIDED TOUR OF THE POLJUD STADIUM

The assignment includes the design of the interior of the part of the Poljud stadium through which the guided tour passes. Special consideration must be taken of the specified architectural framework and the need for an innovative presentation of the *Hajduk* football club and its history. The goal of the project is to shape the space for the purposes of guided tours, but also for the day-to-day operation of the football club. The assignment included the development of the initial concept up to a working drawing, which had to include details and the choice of material, color and equipment.



Filip Jurić, Anđelo Hajdić



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## ISTRAŽIVANJE U URBANISTIČKOM PLANIRANJU

izv. prof. Saša Begović,

doc. dr. sc. Ana Šverko

doc. dr. sc. Višnja Kukoč, Ivan Jurić

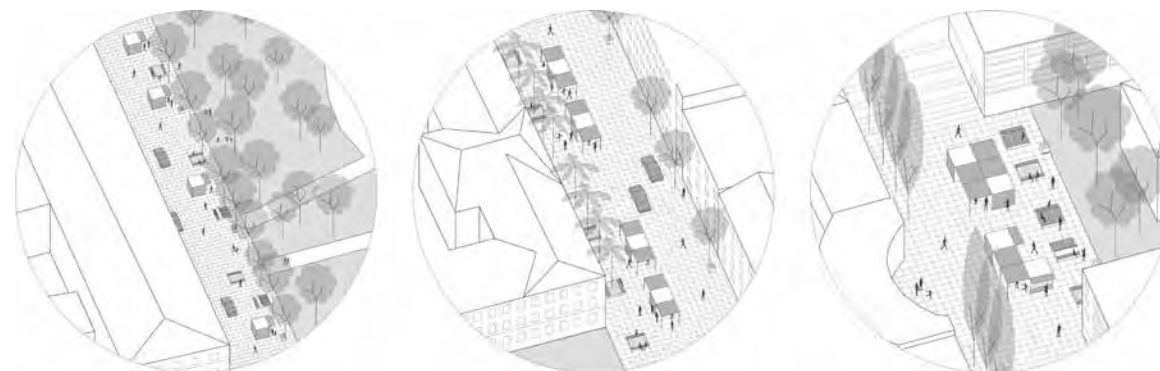
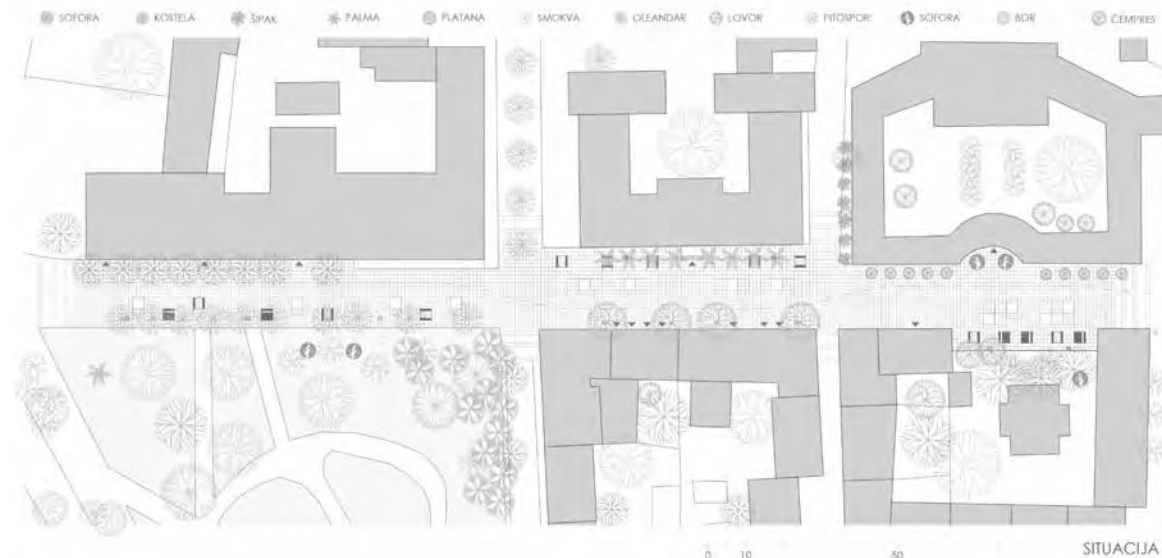
Tema zadatka je prepoznavanje uloge Zrinsko Frankopanske ulice u matrici grada Splita, uočavanje granica uličnih poteza i kontaktnih prostora, prepoznavanje kvaliteta i problema, koncipiranje odgovora na istaknute zahtjeve javnog prostora te izrada prijedloga intervencija. Sagledavanjem i analizom jednog konkretnog dijela definiraju se osnovni gradotvorni elementi, studiraju razvojni procesi te bilježe morfološke odlike gradnje i korištene tipologije. Zadatak se sastoji od analize koja uključuje obilazak lokacije i izradu analitičkih karata korištenjem različitih tehnika i alata te izrade prijedloga intervencije čiji se opseg i granica određuju na temelju analize. Izbor scenarija za detaljnu razradu podrazumijeva fokusiranje na specifičnu prostornu intervenciju; definiranje, razradu i elaboraciju tehničkih elemenata intervencije; prijedlog vremenskog tijeka zahvata te definiranje uvjeta koji trebaju biti zadovoljeni u cilju realiziranja intervencije. Razrada prijedloga zaključuje se grafičkom i tekstualnom elaboracijom urbane intervencije: opisom tehničkih zahvata, kvantifikacijom intervencije te vizualizacijom prijedloga. Najbolji radovi biti će uvezani u knjigu koja će služiti kao sveučilišna skripta, tzv. pedagoška bilježnica.

## RESEARCH IN URBAN PLANNING

The subject of the assignment is identifying the role of Zrinski and Frankopan Street in the matrix of the city of Split, detecting the limits of the street stretches and the contact areas, identifying its characteristics and problems, planning a response to the pressing requirements of the public space and preparing a proposal for interventions. By considering and analyzing a specific part, the fundamental urbanity-forming elements are defined, development processes are studied and the morphological characteristics of buildings and utilized typologies are recorded. The assignment consists of an analysis, which includes a visit to the location and the preparation of an analytical map with the aid of different techniques and tools, and of the preparation of a proposal for intervention, whose scope and limits are determined based on the analysis. The choice of a scenario for detailed elaboration involves focusing on a specific spatial intervention; the definition, development and elaboration of the technical details of the intervention; the proposal of the intervention timeline and the definition of the conditions which have to be fulfilled in order to realize the intervention. The development of the proposal is finalized by a graphic and textual elaboration of the urban intervention: the description of technical interventions, the quantification of the effects of the intervention and the visualization of the proposal. The best proposals will be bound into a book which will be used as lecture notes, i.e. as a so-called pedagogical notebook.

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Ana Čirjak, Anita Grga, Lucija Šimundić, Petra Tomeljak



Anamarija Buljan, Laura Ibrahić, Petra Kliman, Marin Petković

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**RADIONICA ZAŠTITE I OBNOVE  
GRADITELJSKOG NASLIJEĐA 1**  
izv. prof. dr. sc. Katja Marasović,  
doc. dr. sc. Snježana Perojević  
dr. sc. Dunja Babić

Tema semestralnog zadatka je izrada idejnog rješenja rekonstrukcije (obnove i dogradnje) tradicijske kuće na jednoj od tri ponuđene lokacije. Prva lokacija se nalazi na otoku Visu, druga na prostoru grada Kaštela, a treća je smještena na prostoru dalmatinske Zagore. Studenti rade u dvočlanim grupama. Osobita pažnja posvećena je svladavanju primjene tradicijskih načina konstruiranja krovništa i međukatnih konstrukcija te odabiru i argumentaciji primjerene namjene za nove sadržaje. Pojedine lokacije dopuštale su, pa i zahtijevale, dogradnju većih razmjera koja je u tim slučajevima izvedena suvremenim arhitektonskim jezikom koji je deriviran iz dijalekta dalmatinske vernakularne arhitekture.



Laura Ibrahić, Marin Petković: Obnova i dogradnja tradicijske kuće /  
Renovation and Extension of the Traditional House, Kaštel Gomilica

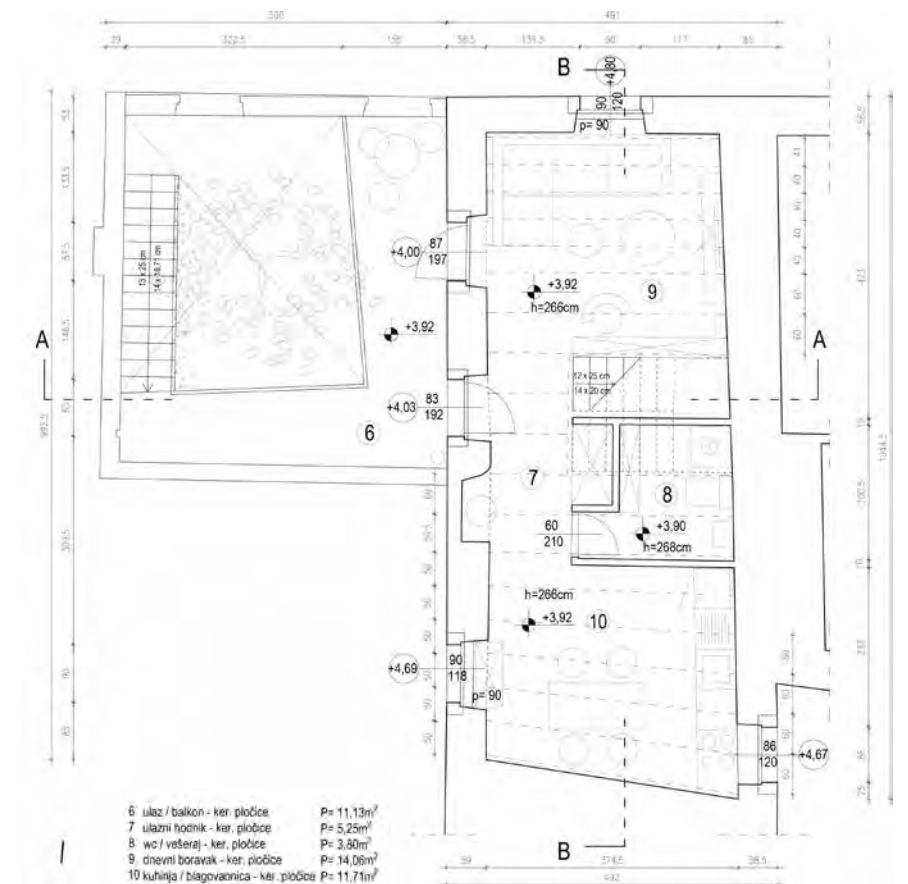
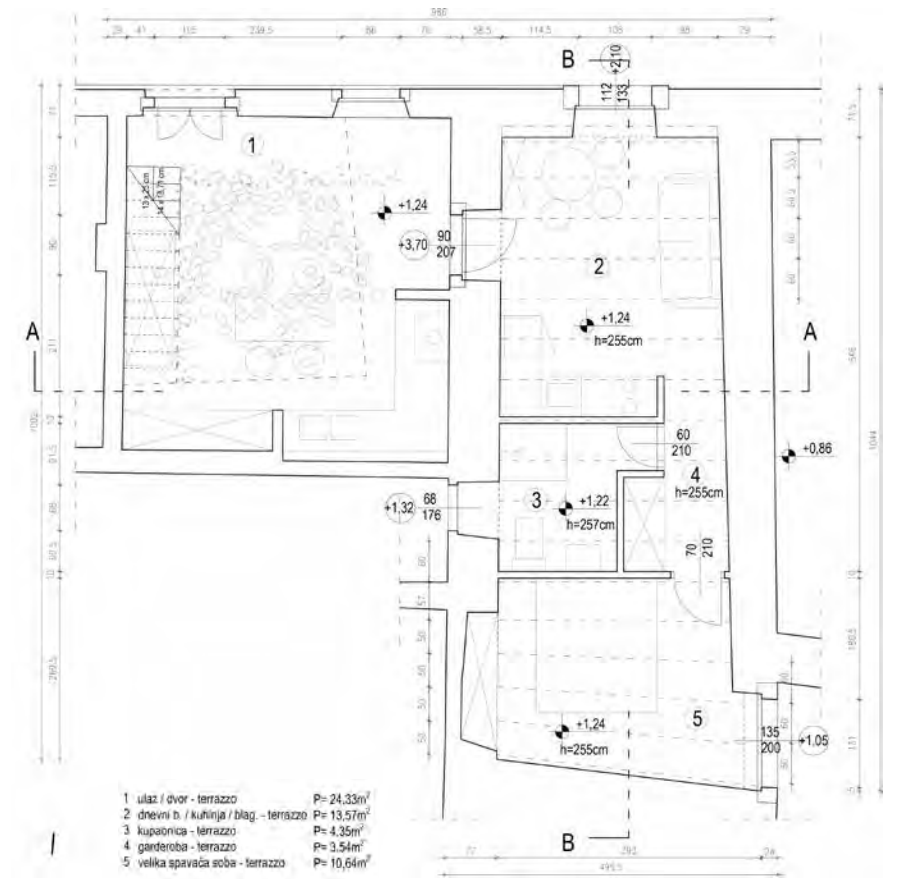
**PROTECTION AND RESTORATION OF  
ARCHITECTURAL HERITAGE STUDIO 1**

The subject of the semestral assignment is the preparation of a conceptual design of the reconstruction (renovation and extension) of a traditional house on one of the three proposed locations. The first location is on the island of Vis, the second one is in the area of the town of Kaštela, and the third one is in the area of the Dalmatian hinterland. The students work in pairs. Special attention is dedicated to mastering the use of traditional methods of constructing the roofing and floor structures and to the choice and justification of the appropriate intended use of the new facilities. Some of the locations allowed, and indeed required, extension on a larger scale, which was then constructed in a modern architectural idiom derived from the dialect of Dalmatian vernacular architecture.



GODIŠNJAK STUDIJA ARHITEKTURE I URBANIZMA 2017/18.

STUDY OF ARCHITECTURE AND URBAN PLANNING YEARBOOK 2017/18



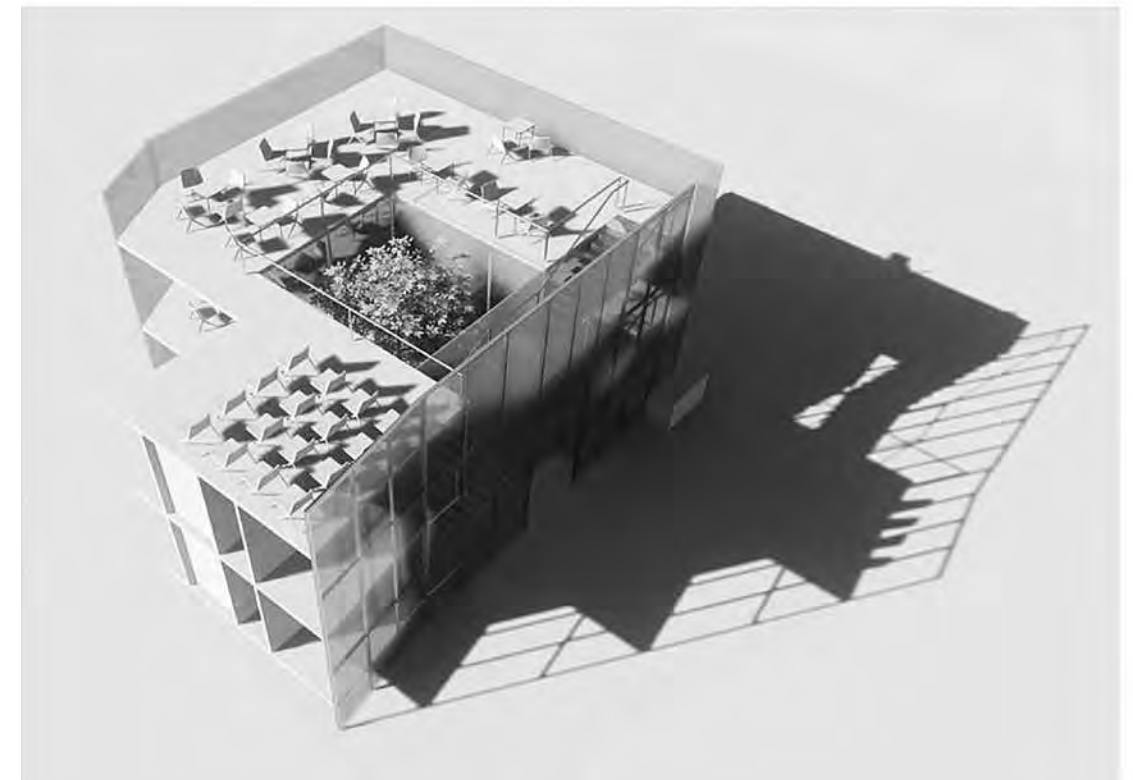
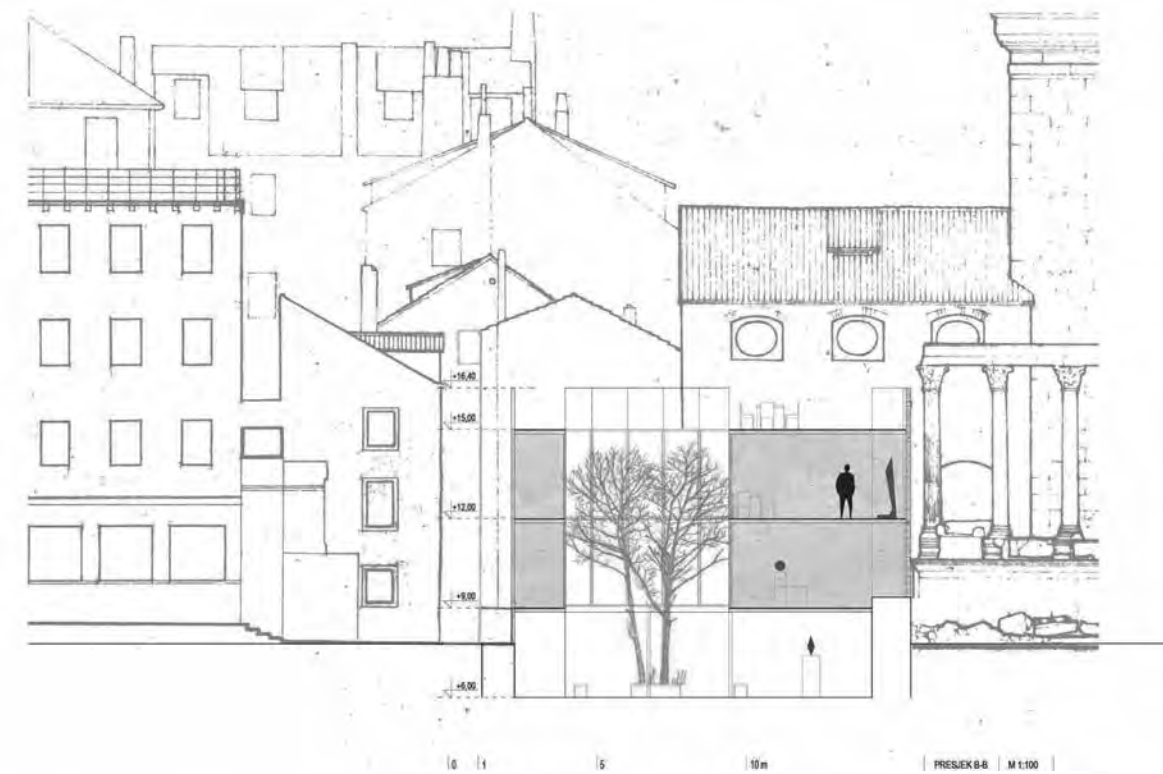


**RADIONICA ZAŠTITE I OBNOVE  
GRADITELJSKOG NASLIJEĐA 2**  
izv. prof. dr. sc. Katja Marasović,  
doc. dr. sc. Snježana Perojević  
dr. sc. Dunja Babić

Tema zadatka je izrada konzervatorske studije s idejnim rješenjem uređenja lokacije u povijesnoj jezgri Splita i to na jednoj od sljedećih lokacija: 1) prostor Carrarine poljane, 2) prostor istočno od katedrale s ostacima rimskog mozaika, 3) prostor južno od istočnog temenosa s ostacima rimskog mozaika, 4) prostor sjeverno od zapadnog dijela Podruma te 5) prostor nekadašnjih antičkih boksova u sjeverozapadnom dijelu Palače. S obzirom na položaj u povijesnoj jezgri svaka lokacija uključuje i ostatke antičke arhitekture. Ključan segment rada je povijesno-prostorna analiza šireg prostora u svrhu valorizacije i izrade smjernica za obnovu. Analitički dio studije sastoji se od identificiranja prostornog razvoja lokacije te prepoznavanja i katalogiziranja stilskih elemenata, od rimskih do historicističkih. Za svaku lokaciju predložena je i nova namjena, vodeći računa o problemima koji su posljedica recentnog intenzivnog turističkog razvoja grada i promjena u jezgri koje su njime prouzročene.

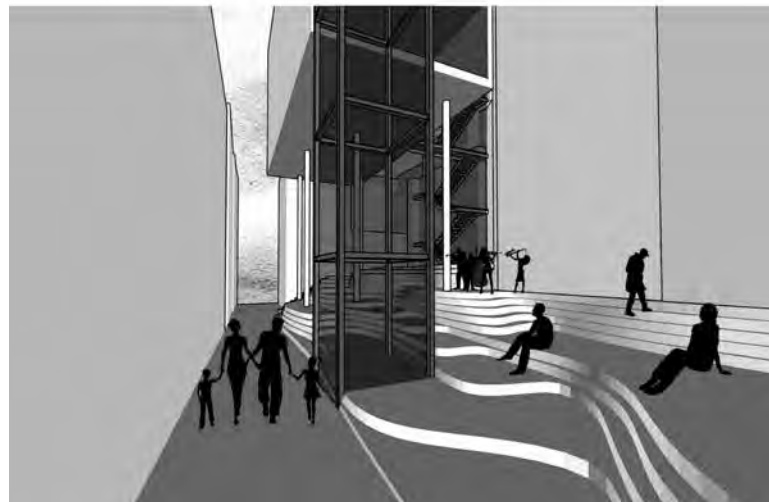
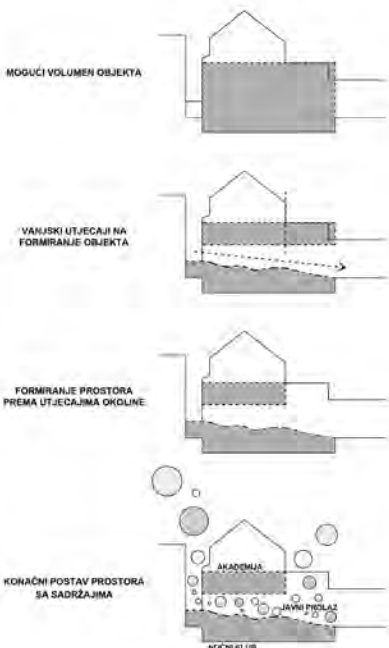
**PROTECTION AND RESTORATION OF  
ARCHITECTURAL HERITAGE STUDIO 2**

The subject of the assignment is the preparation of a conservation study with a conceptual design of one of the following locations in the historical center of Split: 1) the area of Carrarina poljana, 2) the area east of the cathedral with the remains of a Roman mosaic, 3) the area south of the eastern temenos with the remains of a Roman mosaic, 4) the area north of the western part of the Palace substructures and 5) the area of the former ancient-Roman stalls in the north-western part of the Palace. Considering its position in the historical center, each location includes the remains of ancient architecture. A key segment of assignment work is the historical and spatial analysis of the wider area for the purpose of valuation and the elaboration of renovation guidelines. The analytical part of the study consists of identifying the urban development of the location and recognizing and cataloging the style elements, from the Roman to the Historicist ones. A new intended use is proposed for each location, with due regard to the problems resulting from the recent intensified development of tourism in the city and the changes within the center caused by it.



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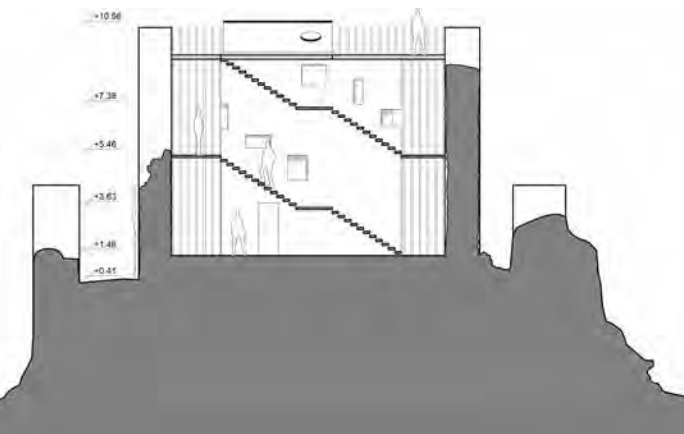
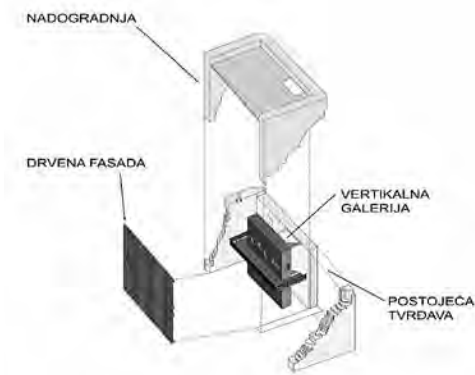
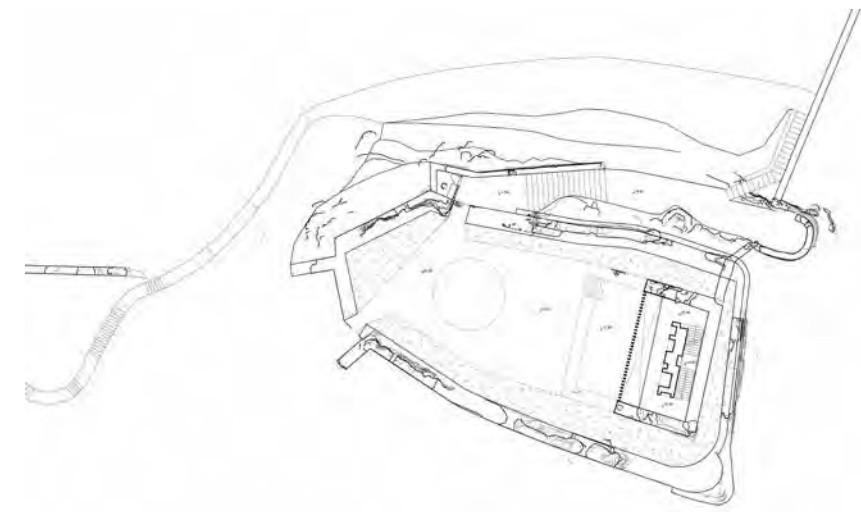


Luka Barković, Filip Eugen Lelas, Roko Vilbić: Uređenje prostora sjeverno od zapadnog dijela podruma Dioklecijanove palače /  
Design of the Area North of the Western Part of the Palace Substructures, Split

Laura Ibrahić, Marin Petković: Uređenje prostora s ostacima rimskog mozaika istočno od katedrale /  
Desing of the Area east of the Cathedral with the Remains of a Roman Mosaic, Split

Prvi dio kolegija odrađen je u suradnji s kolegijem DS3 u sklopu kojeg je održana projektantsko urbanistička radionica na temu urbanističkog uređenja brownfield prostora nekadašnje tvornice Jugovinil u Kaštelima. U drugom dijelu kolegija studenti odabiru rad na jednom od tri ponuđena zadatka. Zadaci imaju različite teme i različite lokacije. Prvi zadatak je prenamjena nekadašnje zgrade elektrolize u okviru tvornice Jugovinil. Drugi je zadatak prezentacija i zaštita arheološkog lokaliteta Marusinac koji se nalazi izvan zidina Salone. Specifičnost zadatka su zatrpani ostaci starokršćanskih mozaika za koje, u slučaju otkrivanja, projektom treba biti predviđena zaštita. Treći zadatak podrazumijeva rješenje prezentacije ostataka srednjovjekovnog utvrđenja kule u Obrovcu te djelomična obnova - rekonstrukcija/nadogradnja porušenih dijelova. Ovaj zadatak uključuje prijedlog moguće namjene ovisno o fizičkom i ekonomskom kontekstu dok u oblikovnom smislu podrazumijeva oslanjanje na suvremene postavke o obnovi povijesne arhitekture - reverzibilnost te suvremeni arhitektonski izričaj uz poštivanje povijesnih ostataka i konteksta.

The first part of the course is taught in cooperation with the GDS3 course, which featured a design and urban-planning workshop on the subject of the urban development of the brownfield area of the former *Jugovinil* industrial plant in Kaštela. In the second part of the course, the students choose to work on one of the three proposed assignments. The assignments have different subjects and involve different locations. The first assignment is the change of use of the former electrolysis building of the *Jugovinil* industrial plant. The second assignment is the presentation and preservation of the Marusinac archaeological site located outside the fortifications of Salona. This assignment is specific in that it involves the buried remains of early Christian mosaics which, in case they are discovered, need to be adequately preserved as part of the project. The third assignment involves the design of a presentation of the remains of a Medieval fortification in Obrovac and the partial renovation or reconstruction of / addition to the ruins. This assignment includes the proposal for a possible use, depending on the physical and economic setting, while in the design sense, it involves relying on modern principles regarding the renovation of historical architecture - such as reversibility and modern architectural expression, with respect towards the historical remains and context.

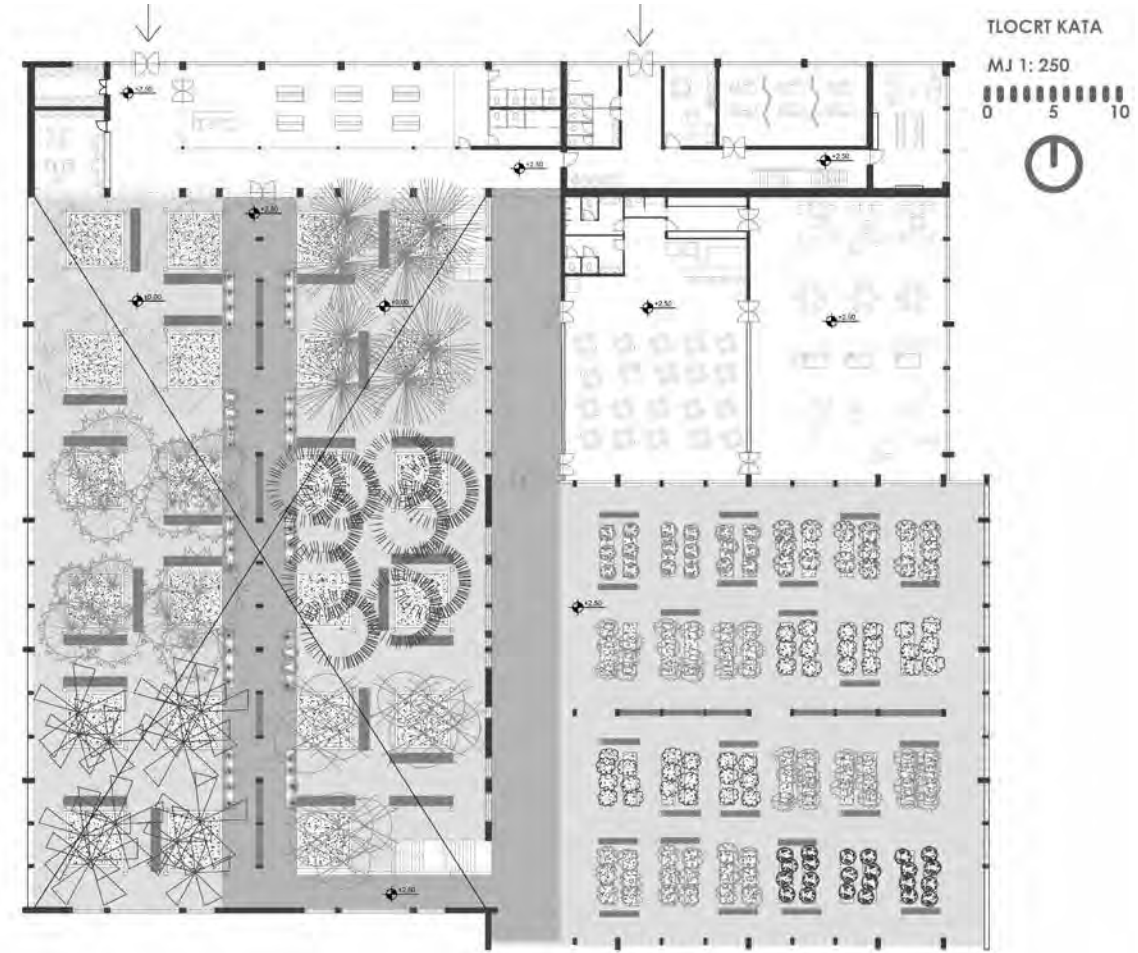
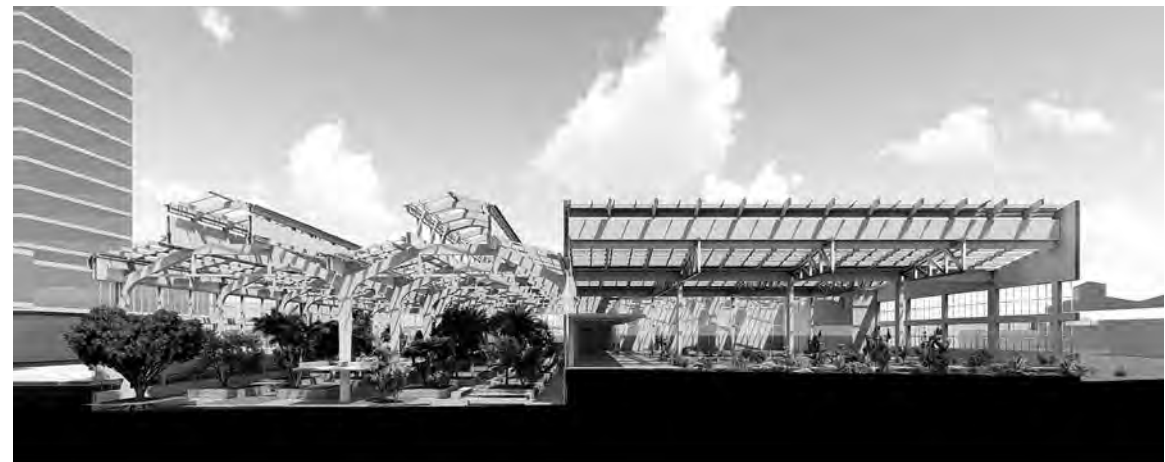




ZATEČENO STANJE EKSTERIJER

GODIŠNJAK STUDIJA ARHITEKTURE I URBANIZMA 2017/18.

STUDY OF ARCHITECTURE AND URBAN PLANNING YEARBOOK 2017/18



Emanuela Tomelić, Anja Vukasović, Ivan Beideneg: Obnova i prenamjena zgrade elektrolize, tvornica Jugovinil / Reconstruction and the Change of Use of the Former Electrolysis Building of the Jugovinil Industrial Plant, Kaštel Sućurac

Hana Paleka:  
**MOTEL TROGIR 2.0**  
 mentor: doc. Saša Randić  
 komentorica / co-mentor:  
 doc. dr. sc. Snježana Perojević  
 konzultant za konstrukciju /  
 construction consultant:  
 doc. dr. sc. Hrvoje Smoljanović

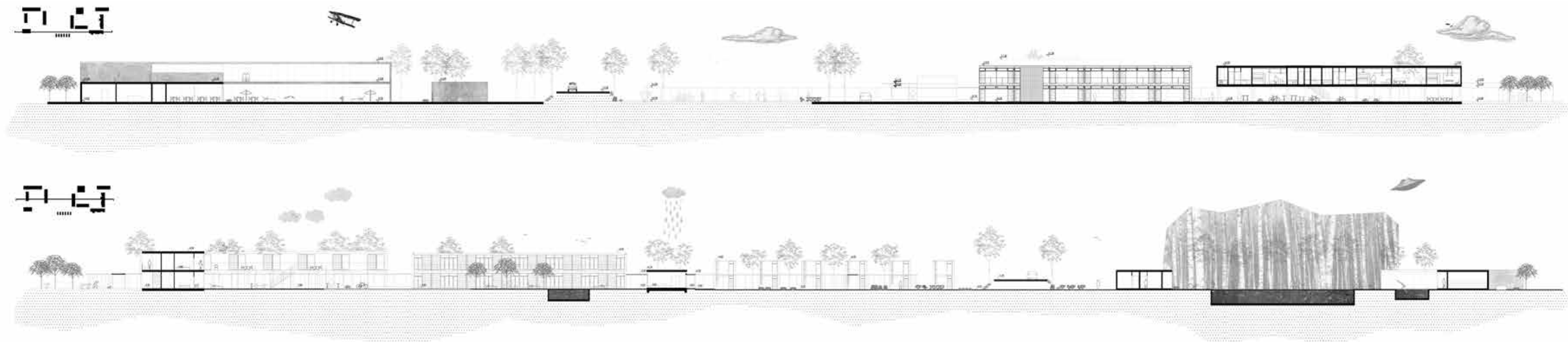
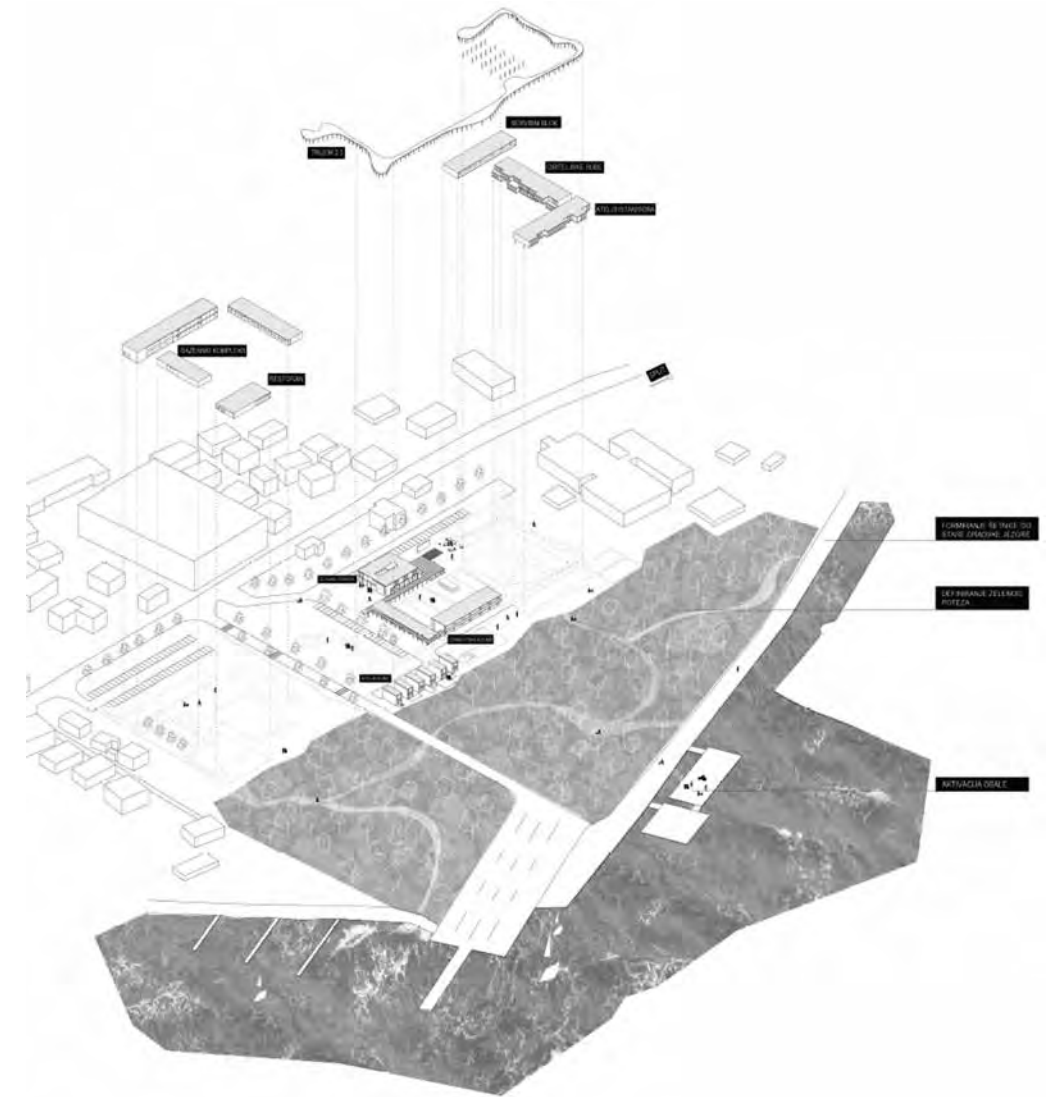
Hana Paleka:  
**MOTEL TROGIR 2.0**

Projektom koji se bazira na revitalizaciji motelskog sklopa iz 1965. godine preispituju se potencijali nekadašnjih živopisnih lokacija i korištenih tipologija s ciljem podizanja vrijednosti šireg prostora. Današnje ne-mjesto, motel Trogir u slučaju 2.0 na suptilan način mijenja i nadograđuje svoju vlastitu pojavnost svojevrsnom replikacijom temeljenom na čvrstim odlukama građenja i/ili negrađenja. Temom modula provučenom kroz asimetričnu kompoziciju s plitkim reljefom pročelja kreira se red koji svoju bazu ima na neredu. Titrave granice formiraju praznine istovremeno definirajući strukturu koja može podnijeti "vibracije" nužne za postojanje i trajanje istinske gradske sredine.

The project based on the revitalization of a 1965 motel complex reexamines the potential of a formerly lively location and of the used typologies, with the aim of valorizing the wider area. In the version 2.0, the Trogir motel, currently a non-place, subtly changes and builds up its appearance through a kind of replication, based on fixed decisions to build and/or not to build. The theme of module which informs the asymmetric composition, with the facade in bas relief, creates order based on disorder. The unstable limits create voids and, at the same time, define a structure which can endure the "vibrations" necessary for the existence and persistence of a truly urban environment.

GODIŠNIAK STUDIJA ARHITEKTURE I URBANIZMA 2017/18.

STUDY OF ARCHITECTURE AND URBAN PLANNING YEARBOOK 2017/18



## DIPLOMSKI RAD

Luka Ćakić:  
GARAŽIĆ

mentor: prof. Neno Kezić  
komentorica / co-mentor:  
doc. dr. sc. Ana Šverko  
konzultant za konstrukciju /  
construction consultant:  
doc. dr. sc. Hrvoje Smoljanović

\*BEST DIPLOMA AWARD

Projektom se razmatraju uvjeti aktualnog Državnog pedagoškog standarda kako bi se ponudilo rješenje problema nedostatka vrtićkih kapaciteta u gradu Splitu. Prvenstveno se propituje zahtjev da nove vrtičke ustanove moraju biti izvedene kao samostojeći objekti, uvjet koji je teško ispuniti u već gusto izgrađenoj matrici splitskog poluotoka. Zbog nedostatka slobodnog prostora vrtić je projektiran kao interpolacija u postojeći infrastrukturni objekt garaže, tipske situacije stambenih kvartova. Adaptirajući dio objekta čisto utilitarne namjene koji u gradskom prostoru funkcionira kao ne-mjesto stvara se hibrid koji ima karakter samostojećeg objekta, obogaćuje prostor te služi kao primjer rješenja problema nedostatka slobodnog prostora u gradu.



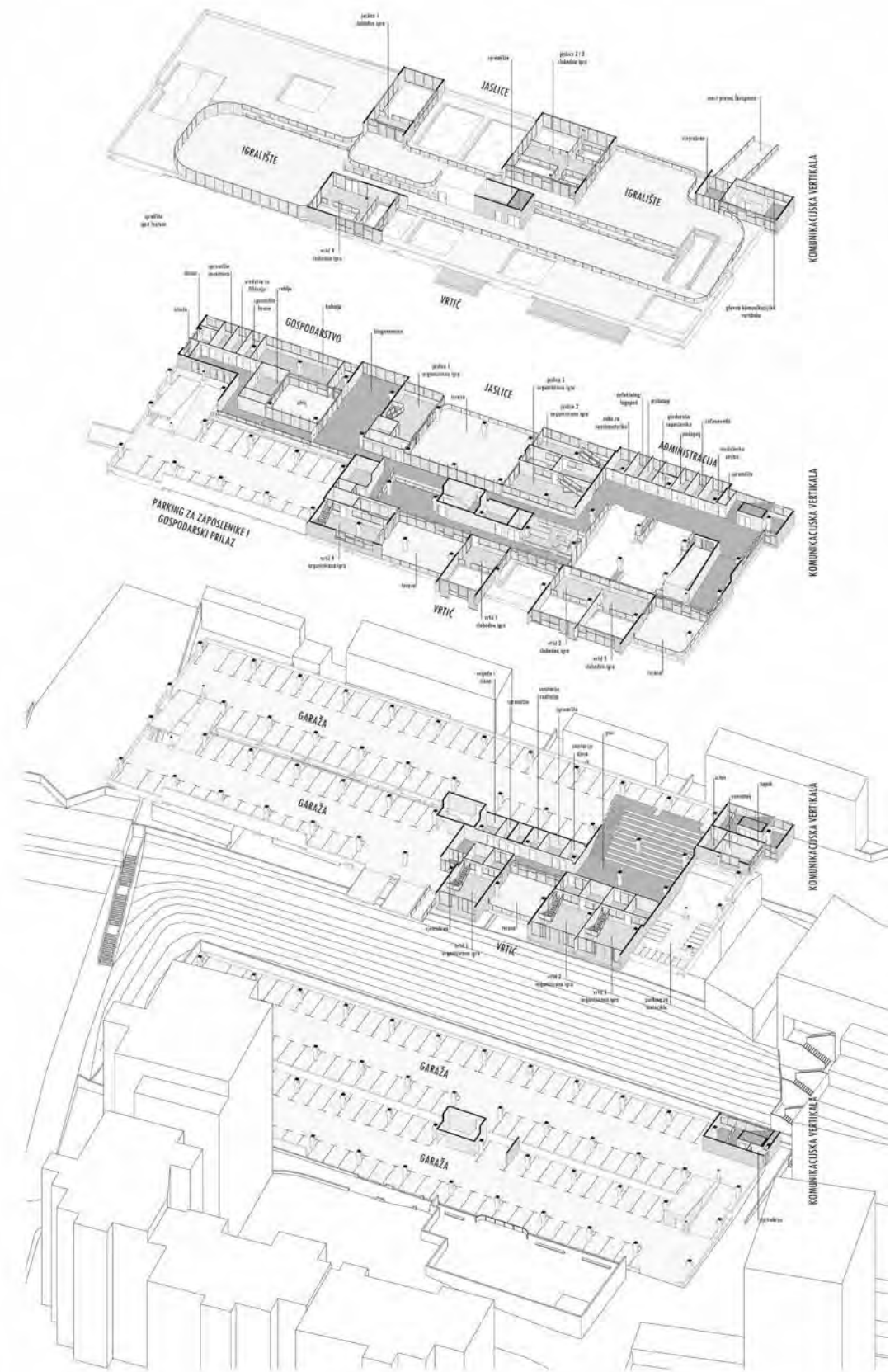
## MASTER THESIS

Luka Ćakić:  
GARAGE KINDERGARTEN

The project examines the conditions of the applicable National Pedagogical Standard in order to propose a solution to the problem of the shortage of kindergarten capacities in the city of Split. The primary focus of the examination is the requirement that new kindergarten facilities be constructed as detached structures, which can hardly be met in the already densely built matrix of the Split peninsula. Due to the lack of free space, the kindergarten is designed as an interpolation into the existing infrastructure facility of a garage, which is a typical situation in residential districts. By adapting a part of a structure with a purely utilitarian purpose, which functions as a non-place in the urban space, a hybrid is created, with the character of a detached structure, which enriches the space and serves as an example of a solution to the problem of the lack of free space in the city.

GODIŠNIAK STUDIJA ARHITEKTURE I URBANIZMA 2017/18.

STUDY OF ARCHITECTURE AND URBAN PLANNING YEARBOOK 2017/18



## DIPLOMSKI RAD

**Dora Stupalo:**  
**ŽIVJETI KVA(D)R(A)T**  
mentor: izv. prof. Nikola Popić  
komentorica komentorica / co-mentor:  
doc. dr. sc. Ana Šverko  
konzultant za konstrukciju /  
construction consultant:  
prof. dr. sc. Boris Trogrlić

### \*BEST DIPLOMA AWARD

Relativno mala zona na zapadnom dijelu Splita 3, nastavljajući se južno na Dobrilinu ulicu arhitekta Danka Lendića, okuplja u svom obuhvatu raznovrsne sadržaje i prostore različitih karaktera: stambene zgrade, javne objekte, dječji park, promet u mirovanju i tržnicu. Grubo linijski oblikovana lokacija se nepredvidljivo mijenja od sjevera prema jugu, s pogledom na trsteničku uvalu i more te čini prostornu točku koja je zanimljiva i svrsishodna stanovnicima. Učenjem i preuzimanjem prostora od njegovih projekatana, cilj je stvarati prostor koji je kvalitetan, no koji ostavlja mjesta za daljnje djelovanje. Treba naslijeđeno ostaviti u naslijeđe. Kako odgovoriti na brutalističke strukture modernističke gradnje? Možda mekoćom i lakoćom.

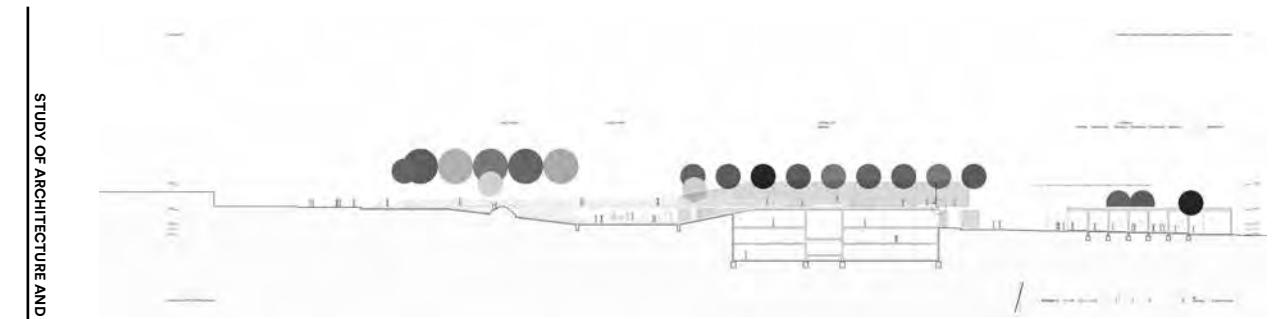
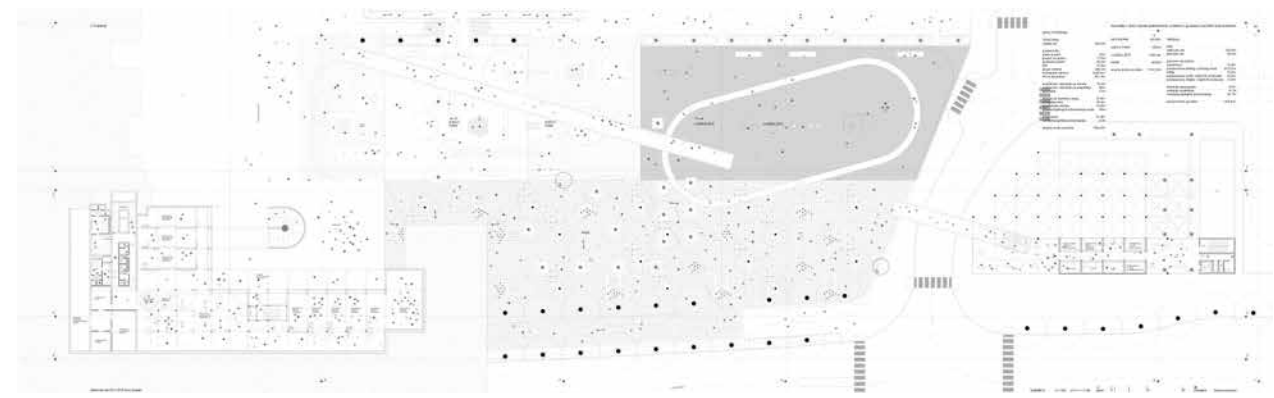


## MASTER THESIS

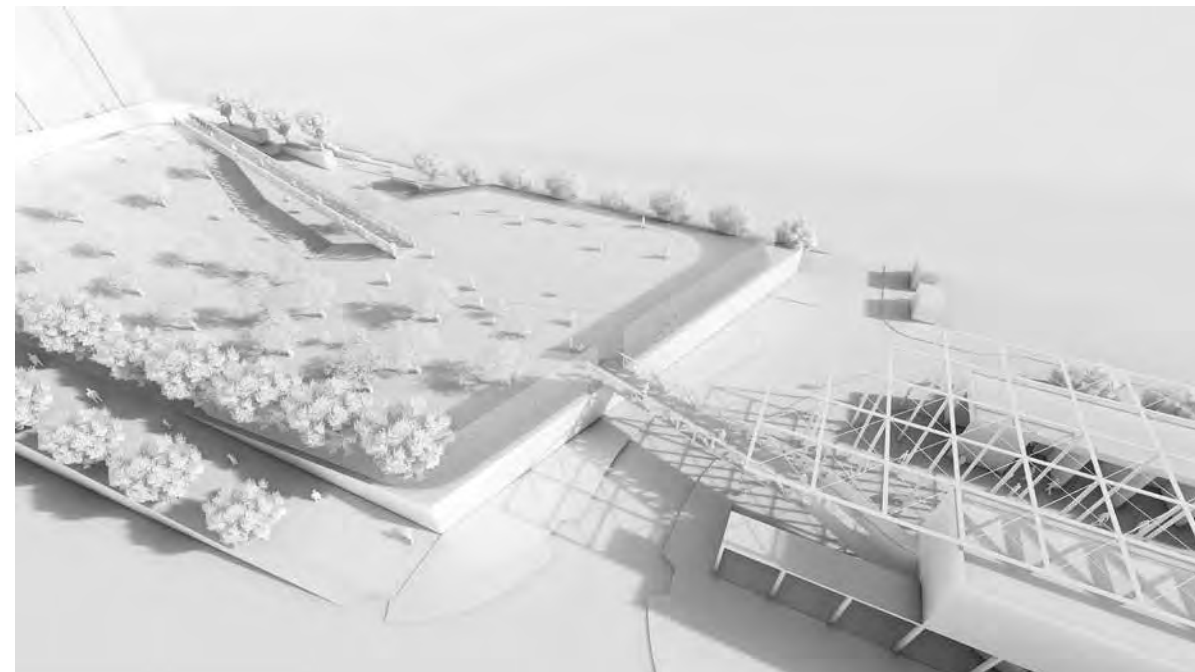
**Dora Stupalo:**  
**TO LIVE A QUA(D)R(A)T(E)**

The relatively small zone in the western part of the Split 3 area, which continues southwards to Dobrila Street by architect Danko Lendić, contains within its scope varied amenities and spaces of different character: residential buildings, public structures, a children's park, parking areas and a market. The location shaped by roughly-drawn lines changes unpredictably from the north to the south, overlooking the Trstenik bay and the sea, and forms a spatial point which is interesting and useful to the inhabitants. In studying and taking over the space from its designers, the goal is to create a space which is of high quality, but leaves room for further activity. The inherited needs to be left as legacy. How to respond to the Brutalist structures of the Modernist building style? Perhaps with softness and lightness.

GODIŠNJAK STUDIJA ARHITEKTURE I URBANIZMA 2017/18.



STUDY OF ARCHITECTURE AND URBAN PLANNING YEARBOOK 2017/18

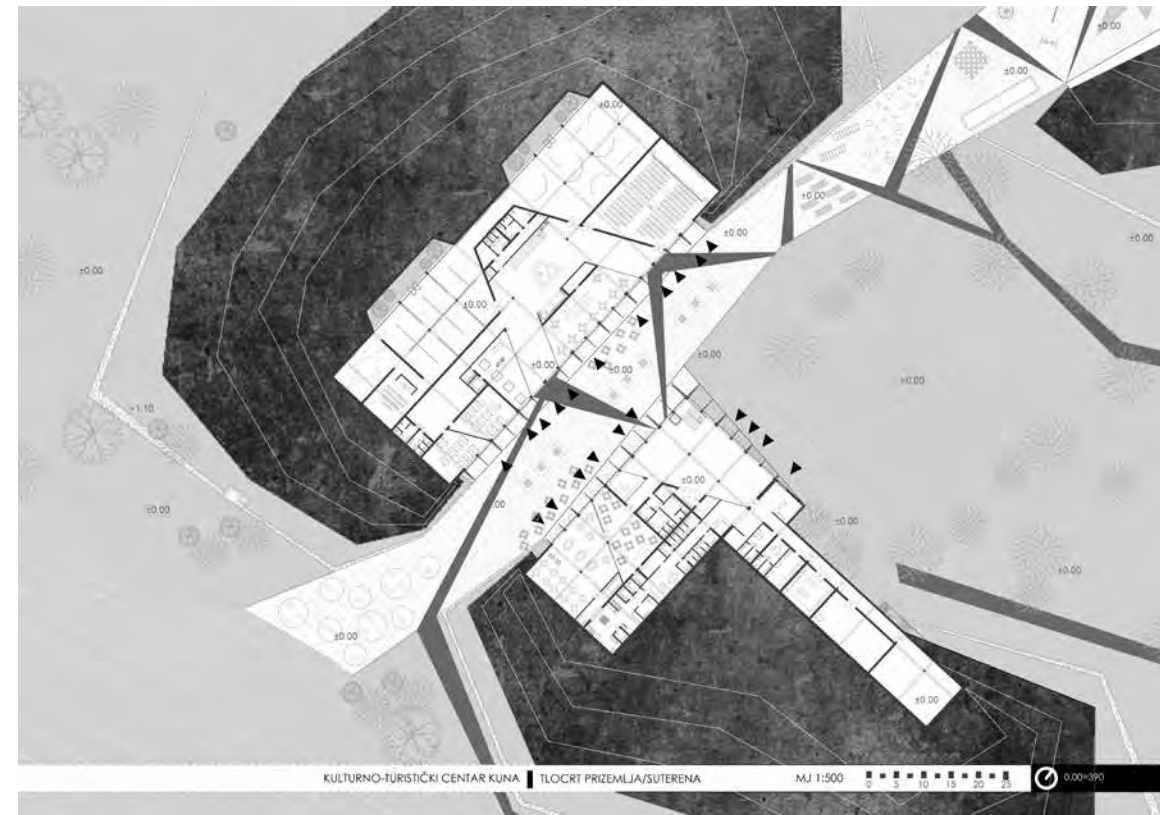
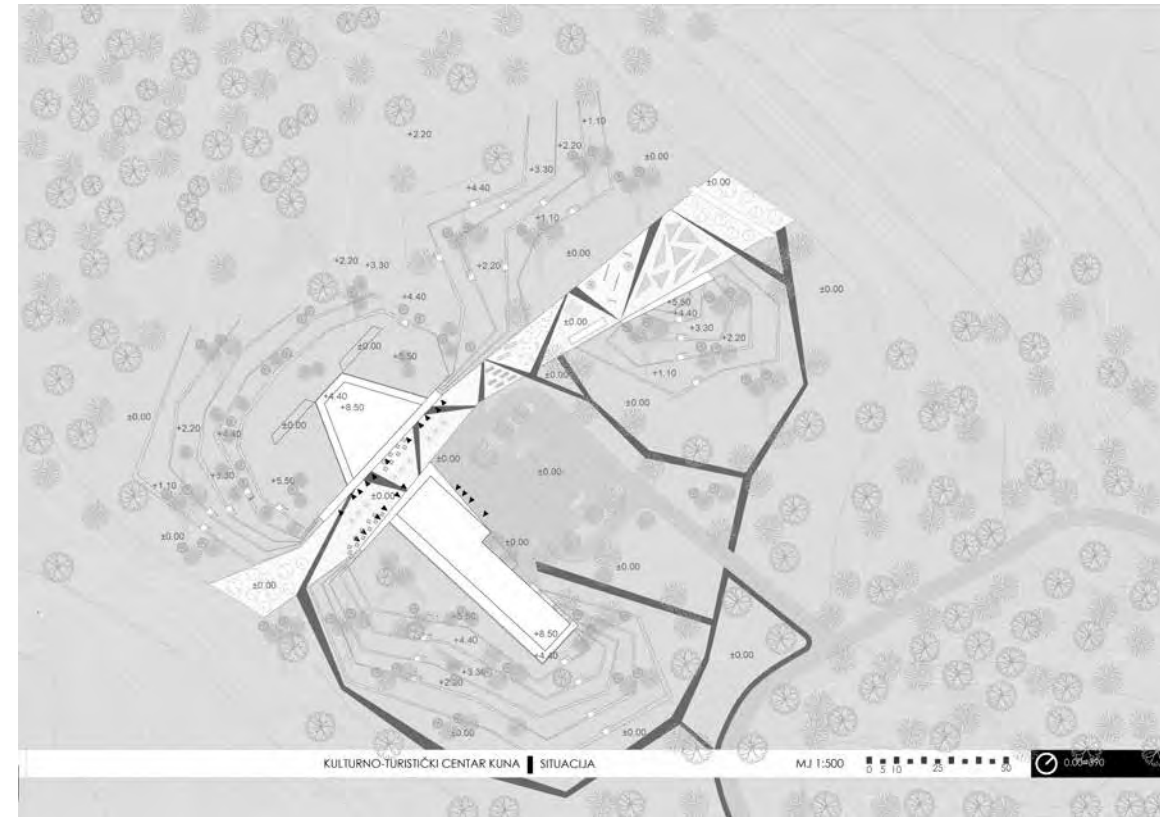


**Emanuela Tomelić:**  
**KULTURNO-TURISTIČKI CENTAR, KUNA**  
 mentor: prof. Ante Kuzmanić  
 komentorica komentorica / co-mentor:  
 izv. prof. dr. sc. Katja Marasović  
 konzultant za konstrukciju /  
 construction consultant:  
 doc. dr. sc. Nikolina Živaljić

**Emanuela Tomelić:**  
**CULTURAL AND TOURIST CENTER, KUNA**

Kuna je bila i ostala kulturno, prosvjetno i vjersko središte pelješke Župe. Kulturno-turistički centar zamišljen je stoga kao bazna jedinica cjelovite mreže kulturnih ustanova na centralnom dijelu Pelješca. Povezuje pritom lokalnu poljoprivredu, ribarstvo i proizvodnju s turističkom djelatnošću i kulturnim miljeom Kune u kompleksnu "zajednicu", s ciljem revitalizacije naselja, ali i šireg područja. Cilj je stvoriti specifični hibridni objekt koji bi u mjerilu i izrazu respektirao ambijent, stapao se s njim i na koncu ga obogaćivao otvarajući nove mogućnosti korištenja. Centar bi trebao biti otvoren ponajprije lokalnom stanovništvu, a ne samo turistima, kako bi platforma bila održiva i autentična.

Kuna was, and still is, the cultural, educational and religious center of the Pelješac parish. The cultural and tourist center is therefore envisaged as a base unit of a comprehensive network of cultural institutions in the central part of Pelješac. As such, it unites the local agriculture, fishery and production with tourism and the cultural milieu of Kuna into a complex "community", with the aim of revitalizing the settlement, as well as the wider area. The goal is to create a specific hybrid structure which would, in terms of its scale and expression, respect its surroundings, merge with it and, finally, enrich it by opening up new possibilities of use. The center would have to be open primarily to the local population, rather than only to tourists, in order to keep the platform sustainable and authentic.







**SURADNJE,  
PROJEKTI,  
IZVANNASTAVNI  
PROGRAMI**

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GODIŠNJAK STUDIJA ARHITEKTURE I URBANIZMA 2017/18.

**COOPERATION,  
PROJECTS,  
EXTRACURRIC-  
ULAR  
PROGRAMS**

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STUDY OF ARCHITECTURE AND URBAN PLANNING YEARBOOK 2017/18

## “MIDDLE EUROPEAN JOINT MASTER FOR URBAN DESIGN” / MEMUD

ERASMUS+ PROJECT

PARTNERI / PARTNERS:

Sveučilište u Splitu; Technische Universität, Beč; Univerza v Ljubljani

2016–2019

RADNA SKUPINA / WORKING GROUP:

prof. Dario Gabrić, doc. dr. sc. Ana Grgić, doc. dr. sc. Hrvoje Bartulović i  
doc. dr. sc. Sanja Matijević-Barčot (FGAG, Split); prof. Christoph Luchsinger,  
prof. Markus Tomaselli, Michael Klein, Bernhard Eder (TU, Wien); prof. mr. sc. Tadej Glažar,  
prof. dr. sc. Ilka Čerpes, prof. dr. sc. Alenka Fikfak (FA, Ljubljana)

Projekt MEMUD uspostavlja internacionalnu suradnju na polju istraživanja i edukacije u urbanističkom planiranju i projektiranju s fokusom na prostor srednjoeuropske regije, sukladno europskom INERREG programu. Ključni aspekt projekta je razvoj programa za novi diplomski studij na engleskom jeziku, a okosnicu projekta čini razmjena, integriranje i posredovanje znanja u cilju obrazovanja visokoprofiliranih stručnjaka urbanista koji će moći ponuditi rješenja za izazove s kojima će se gradovi u budućnosti suočiti. U nastavni program novog diplomskog studija uvrštene su brojne teme kojima će se pristupati specifičnim pedagoškim i projektantskim metodologijama (primjerice: *work-zones as interspace – idea, role, future; illegal / legal settlements – adaptability, accessibility, assimilation; coastline – usage, potential, obliviousness, tourists’ invasion / inhabitants’ emigration; getting old – condition and future of large housing settlements; administrative borders in the context of logical spatial development; railway, harbors, highways, public transport – life and death of commuting and travelling*). Tijekom ljetnog semestra akad. god. 2017./ 18. kolegij Urbanizam 2 Preddiplomskog studija poslužio je kao okvir za testiranje metodologije i teme po izboru.

AKTIVNOSTI TIJEKOM 2017./18.

AKADEMSKE GODINE:

Održana su dva službena koordinacijska sastanka projekta i to 4.–5. lipnja 2018. u Beču te 3.–4. listopada 2018. u Splitu. U lipnju 2018. u Grazu je održan sastanak uz okrugli stol tematski posvećen razvoju kurikuluma. Prvi od dva okrugla

The MEMUD project establishes international cooperation in the field of urban planning and urban design research and education, with a focus on the Central European region, in accordance with the European INERREG program. The key aspect of the project is the development of a new master study program, while its backbone is the exchange, integration and mediation of knowledge, for the purpose of educating high-profile urban-planning experts who will be able to offer solutions for the challenges awaiting cities in the future. The new master study syllabus includes the contemporary topics which will be approached through special pedagogical and design methodologies (for example: *work-zones as interspace – idea, role, future; illegal/legal settlements – adaptability, accessibility, assimilation; coastline – usage, potential, obliviousness, tourists’ invasion / inhabitants’ emigration; getting old - the condition and future of large housing settlements; administrative borders in the context of logical spatial development; railway, harbors, highways, public transport – the life and death of commuting and travelling*). During the summer semester of the academic year 2017/18, the undergraduate course Urban Planning 2 served as a framework for testing the methodologies and subjects of choice.

ACTIVITIES 2017/18:

Two official coordination meetings for the project were held, on from 4<sup>th</sup> to 5<sup>th</sup> June 2018 in Vienna and the other from 3<sup>rd</sup> to 4<sup>th</sup> October 2018 in Split. The meeting held in June 2018 in Graz was accompanied by a round-table discussion dedicated to the development of the syllabus. The first of the two round-table discussions planned for

stola koja su predviđena u Splitu održan je 13. lipnja, pri čemu su projekt i test zadaci predstavljani djelatnicima UN Environment Mediterranean Action Plan Priority Actions Programme Regional Activity Centre (PAP/RAC) te profesorima i učenicima/cama V. gimnazije Vladimir Nazor iz Splita. Jedan od prvih PAP/RAC-ovih projekata bio je Program upravljanja područjem Kaštelanskog zaljeva, dok RERA, u okviru EU projekta CO-EVOLVE upravo započinje izradu Plana upravljanja obalnim područjem Kaštela. U suradnji s Muzejom grada Kaštela, Katedrom za urbanizam FGAG-a, V. gimnazijom Vladimir Nazor i RERA-SDŽ organiziran je krajem rujna 2018. godine Mediteranski dan obale na kojemu su izloženi radovi test-zadatka MEMUD projekta.

Split took place on 13<sup>th</sup> June, and featured a presentation of the test assignments to the staff of the UN Environment Mediterranean Action Plan Priority Actions Programme Regional Activity Centre (PAP/RAC) and to the teachers and students of the 5<sup>th</sup> Gymnasium “Vladimir Nazor” in Split. One of the first PAP/RAC projects was the Kaštela Bay Coastal Area Management Program, whereas the RERA institution, as part of the EU project CO-EVOLVE, is just starting the preparation of the Kaštela Coastal Zone Management Plan. In late September 2018, the designs prepared as part of the MEMUD project test assignment were exhibited at the Mediterranean Coast Day, organized in cooperation with the Museum of the Town of Kaštela, the Department of Urban Planning of the Faculty of Civil Engineering, Architecture and Geodesy, the 5<sup>th</sup> Gymnasium “Vladimir Nazor” and the RERA-SDŽ institution.

GODIŠNJAK STUDIJA ARHITEKTURE I URBANIZMA 2017./18.

STUDY OF ARCHITECTURE AND URBAN PLANNING YEARBOOK 2017/18



Beč / Vienna, 2018.



Split, 2018.

## “SUB>URBAN. REINVENTING THE FRINGE”

### URBACT III PROJEKT

#### PARTNERI / PARTNERS:

Antwerpen (Belgija / Belgium) lead partner, Barcelona (Španjolska / Spain), Casoria (Italija / Italy), Baia Mare (Rumunjska / Romania), Beč (Austrija / Austria), Brno (Česka / Czechoslovakia), Oslo (Norveška / Norway), Düsseldorf (Njemačka / Germany) i Solin (Hrvatska / Croatia)

2015–2018

#### RADNA SKUPINA (FGAG) / WORKING GROUP (FACULTY OF CIVIL ENGINEERING, ARCHITECTURE AND GEODESY):

doc. dr. sc. Hrvoje Bartulović i doc. dr. sc. Dujmo Žižić

URBACT III je program međuregionalne suradnje koji se financira sredstvima Europskog fonda za regionalni razvoj (EFRR) unutar cilja Europske teritorijalne suradnje. Cilj programa je razmjena znanja i izgradnja kapaciteta europskih gradova i općina koji izrađuju ili provode integrirane strategije i akcijske planove održivog urbanog razvoja. URBACT III podržava mjere namijenjene kreatorima javnih politika, izgradnji kapaciteta za upravljanje gradovima, edukaciji građana te podizanju svijesti o održivom urbanom razvoju. Projekt “Sub>urban. Reinventing the fringe” udružuje gradove partnere u nastojanjima da prenamijene i revitaliziraju svoja rubna područja. Tom kompleksnom izazovu nastoji se pristupiti razvojem novih instrumenata planiranja, strategija za urbanu obnovu, metoda za uključivanje dionika te upravljačkih modela.

#### AKTIVNOSTI TIJEKOM 2017./18.

##### AKADEMSKE GODINE:

Članovi radne skupine s FGAG-a, doc. dr. sc. Hrvoje Bartulović i doc. dr. sc. Dujmo Žižić, sudjelovali su tijekom akademske godine 2017./18. na projektnim sastancima koji su održani u Düsseldorfu 9.–11. listopada 2017. te u Brnu 31. siječnja – 2. veljače 2018.

URBACT III is a program of interregional cooperation financed from the European Regional Development Fund (ERDF) within the European Territorial Cooperation objective. The programme objectives are the sharing of knowledge between the European cities and municipalities which create or implement integrated sustainable urban development strategies and action plans and the building of their capacities. URBACT III supports the measures designed for public policy creators, for capacity building related to urban management, for the education of citizens and the raising of awareness about sustainable urban development. The “Sub>urban. Reinventing the Fringe” project unites partner cities in their effort to change the use of their fringe areas and revitalize them. The approach to this complex challenge involves the development of new planning instruments, urban renewal strategies, stakeholder involvement methods and management models.

#### ACTIVITIES 2017/18:

Assistant Professor Hrvoje Bartulović, PhD, and Assistant Professor Dujmo Žižić, PhD – participated in project meetings held in Düsseldorf from 9th to 11th October 2017 and in Brno from 31st January to 2nd February 2018.

GODIŠNJAK STUDIJA ARHITEKTURE I URBANIZMA 2017./18.

## “PLAN UPRAVLJANJA OBALNIM PODRUČJEM GRADA KAŠTELA” / “KAŠTELA COASTAL ZONE MANAGEMENT PLAN”

### INTERREG MEDITERRANEAN PROGRAM / PROJEKT CO-EVOLVE

2018–2019

#### RADNA SKUPINA / WORKING GROUP:

prof. dr. sc. Jure Margeta, doc. dr. sc. Martina Baučić, izv. prof. dr. sc. Nikša Jajac, izv. prof. dr. sc. Katja Marasović, prof. Nikola Popić, doc. dr. sc. Ana Grgić, doc. dr. sc. Hrvoje Bartulović, doc. dr. sc. Ivo Andrić, dr. sc. Jelena Kilić, dr. sc. Katarina Rogulj, Samanta Bačić, Nataša Jovanović, Majda Ivić (FGAG, Split); prof. dr. sc. Lidija Petrić, dr. sc. Ante Mandić (EF, Split); dr. sc. Ivica Vilibić (IZOR, Split); Zrinka Jakl (Udruga / Association Sunce, Split)

Zadatak projekta je izrada akcijskog plana za Grad Kaštela zasnovanog na integralnom upravljanju obalnim područjem i prostornom planiranju morskog područja (IUOP/PPMP) s težištem na održivom razvoju turizma, a sve u sklopu Co-Evolve projekta. Plan je zamišljen kao akcijski plan održivog turizma na pilot području, pri čemu se pilotira i metodologija izrađena u sklopu Co-evolve projekta koja uključuje ICZM, MSP, strateško planiranje, indikatore održivosti i participativni pristup. Glavni cilj Plana je promocija razvoja održivih oblika turizma s težištem na mjerama zaštite morske obale kao ključnog čimbenika u zaštiti obalnog područja, posebno Kaštela koja su pod pojačanim utjecajem klimatskih promjena. Izradit će se strateški akcijski plan koji će procijeniti očekivane koristi, identificirati planske prioritete te razraditi prijedloge na razini strateškog planiranja, ali uključiti i operativne smjernice. U sklopu projekta održati će se 4 radionice.

#### AKTIVNOSTI TIJEKOM 2017./18.

##### AKADEMSKE GODINE:

Startni sastanak projektnog tima održan je u Vijećnici fakulteta, 11. rujna 2018. godine.

The project task is to prepare an action plan for the Town of Kaštela, based on integrated coastal zone management and marine spatial planning (ICZM/ MSP), with a focus on sustainable tourism development, all within the framework of the Co-Evolve project. The plan is envisaged as a sustainable tourism action plan on a pilot area. What is also being piloted is the methodology developed within the framework of the Co-Evolve project, which includes ICZM, SMEs, strategic planning, sustainability indicators and a participatory approach. The main goal of the Plan is the promotion of the development of sustainable forms of tourism, with a focus on seashore protection as a key factor in coastal protection, especially in the area of Kaštela, which is increasingly influenced by climate change. A strategic action plan will be prepared in order to assess the anticipated benefits, identify planning priorities and develop proposals at the level of strategic planning. The plan will also include operational guidelines. Four workshops will be held as part of the project.

#### ACTIVITIES 2017/18:

The kick-off meeting for the project was held in the Faculty council hall on 11th September 2018.

STUDY OF ARCHITECTURE AND URBAN PLANNING YEARBOOK 2017/18

## “SOLIN – GRAD NA MORU” / “SOLIN - CITY BY THE SEA”

### SOLIN

#### MENTORI / MENTORS:

prof. Ante Kuzmanić, doc. Saša Randić, Mirjana Radoš, Ivan Jurić (FGAG, Split);  
izv. prof. Tin Sven Franić, prof. Miroslav Geng, Tamara Zaninović, Ana Sopina (AF, Zagreb);  
prof. mr. sc. Tadej Glažar, Vid de Gleria, Jure Heningsman (FA, Ljubljana)

#### STUDENTI / STUDENTS:

Inka Černić, Ena Radić, Mia Šantić, Anja Vukasović, Emanuela Tomelić, Ivan Beidenegl, Stefani Majčica, Tea Martinić, Karlo Ugarković, Hana Paleka, Helena Udovičić, Ante Grbić, Niko Peranić, Ivan Repušić, Sandro Žuljević, Ante Furač, Dobrila Novak i Eleonora Popović (FGAG, Split); Antonia Grujevski, Luka Ilić, Lucija Gašpari, Dominik Halajko, Dora Gržin, Latica Ilić, Lovro Heljić, Ivana Lončar, Doris Ivanković, Lucija Sekula, Bernardica Grubišić, Ines Jakopanec (AF, Zagreb); Gloria Butorac, Tana Kestner, Anastazija Stjepanović, Andrea Šepić, Luka Šimičić, Ioanna Zografou i Zala Žurman (FA, Ljubljana)

#### GOŠĆE KRITIČARKE / GUEST CRITICS:

izv. prof. Sanja Gašparović, prof. Bojana Bojanić Obad Ščitaroci (AF, Zagreb)

Urbanističko-arhitektonska radionica “Solín – grad na moru” održana je u sklopu projekta URBACT III kao prva od dvije međunarodne radionice predviđene u sklopu semestralnog rada na kolegiju Diplomski studio 3. Osnovna tema zadatka na kolegiju bila je urbana revitalizacija na *brownfield* lokacijama u Kaštelanskom zaljevu. Međunarodni simpozij SplitTALKS 2017 poslužio je kao teoretski uvod radu, a na zajedničkoj petodnevnoj radionici promišljeni su novi koncepti prostornog razvoja zadanih lokacija. Programski parametri definirani su u suradnji s lokalnim stručnjacima: planerima, konzervatorima i arheolozima. Radionicu u Solinu organizirali su Grad Solin i Fakultet građevinarstva, arhitekture i geodezije u Splitu, a odvila se u suradnji s Arhitektonskim fakultetom iz Zagreba i Fakultetom arhitekture iz Ljubljane. Na radionici su propitivane mogućnosti prostornih rješenja šireg područja Svetoga Kaje i njegovog izlaza na more, a taj kompleksni prostor obuhvaća ranžirni kolodvor, ušće rijeke Jadro, arheološke lokalitete te industrijsku zonu. Studentski radovi prezentirani su

The urban-planning and architectural workshop “Solín – City by the Sea” was held as part of the URBACT III project, as the first of two international workshops planned as part of the semestral practical work for the Graduate Design Studio 3 course. The main topic of the course assignment was the urban revitalization of brownfield locations in Kaštela Bay. The SplitTALKS 2017 international symposium provided a theoretical introduction to the practical work, whereas the accompanying five-day workshop was an opportunity to consider new concepts of the urban development of the assigned locations. The program parameters were defined in cooperation with local experts: urban planners, conservators and archaeologists. The workshop in Solin was organized by the City of Solin and the Faculty of Civil Engineering, Architecture and Geodesy in Split, and held in cooperation with the Zagreb and Ljubljana faculties of architecture. The workshop dealt with the possible development plans for the wider area of Sveti Kajo and its sea gate. This complex area includes a shunting yard, the mouth of the Jadro River, an archaeological site and an

na javnoj izložbi, a svi posjetitelji imali su priliku dati svoj glas radu kojeg smatraju najatraktivnijim i najprimjerenijim za budući razvoj grada Solina. Projekti solinske radionice predstavljani su također i u sklopu završne godišnje izložbe studentskih radova Fakulteta Arhitekture u Ljubljani, a publicirani su i u nakladništvu organizatora.

industrial zone. Projects from the workshop were presented at a public exhibition, where the visitors could voice their opinion on the works which they considered the most attractive and best suited for the future development of the city of Solin. The projects were also featured at the annual final exhibition of student works of the Faculty of Architecture in Ljubljana, as well as published by the organizer.



Završna prezentacija radova / Final presentation



Obilazak lokacije / Site visit, Salona

## “EX-JUGOVINIL” KAŠTEL SUĆURAC

### MENTORI / MENTORS:

prof. Florian Rigler (Universität der Künste, Berlin); prof. Ante Kuzmanić, doc. Saša Randić,  
prof. Dario Gabrić, izv. prof. Katja Marasović, doc. dr. sc. Ana Grgić,  
doc. dr. sc. Snježana Perojević, Mirjana Radoš, Ivan Jurić (FGAG, Split)

### STUDENTI / STUDENTS:

Ivan Beidenegl, Inka Černić, Ante Furač, Ante Grbić, Anđelo Hajdić, Filip Jurić,  
Stefani Maša Majčica, Tea Martinović, Dobrila Novak, Hana Paleka, Niko Peranić,  
Eleonora Popović, Ena Radić, Ivan Repušić, Mia Šantić, Emanuela Tomelić, Helena Udovičić,  
Karlo Ugarković, Anja Vukasović, Sandro Žuljević (FGAG, Split); Thomas Bohne,  
Christoph Henschel, Charlotte Bitter, Jan Winkens, Niklas Schmitz, Nils-Thore Grundke,  
Joschka Lutzke, Asli Varol, Leonhard Palm, Anne-Line Gertz, Lars Müller, Rebecca Girardi,  
Henrike Reinhold, Moritz Wieczorek, Luca Hänni (Universität der Künste, Berlin)

### PREDAVAČI / LECTURERS:

doc. dr. sc. Sanja Matijević Barčot, doc. dr. sc. Zrinka Paladino,  
izv. prof. dr. sc. Katja Marasović, mr. sc. Gojko Berlengi

Kao jedan od vlasnika prostora nekadašnje tvornice Jugovinil u Kaštel Sućurcu, tvrtka Marina Kaštela organizirala je urbanističko-arhitektonsku radionicu “Ex-Jugovinil”, kao drugu od dvije međunarodne radionice predviđene u sklopu semestralnog rada na kolegiju Diplomski studio 3. Osnovna tema zadatka na kolegiju bila je urbana revitalizacija na brownfield lokacijama u Kaštelanskom zaljevu. Projekt gospodarskog i turističkog razvoja područja nekadašnjeg industrijskog kompleksa Jugovinila jedan je od najvećih najavljenih projekata na ovim prostorima pa je cilj radionice bio doprinos osmišljavanju tog prostora i to upravo u vrijeme izrade novog GUP-a Grada Kaštela te UPU-a za područje same tvornice.

Na radionici su sudjelovali studenti arhitekture i urbanizma iz Splita te studenti s Universität der Künste iz Berlina. Tematska predavanja su održale dr. sc. Sanja Matijević Barčot s temom “Introduction to Urban Development of Split”, dr. sc. Zrinka Paladino s temom “Croatian Industrial Architecture during socialist period”, dr. sc. Katja Marasović s temom “Industrial complex of Jugo-

vinil in Kaštela” te mr. sc. Gojko Berlengi s temom “Urban planning – Kaštela”. Prve zamisli i prijedlozi prezentirani su u prostorijama marine nakon obilaska lokacije i cjelodnevnog rada.

As one of the owners of the premises of the former *Jugovinil* industrial plant in Kaštel Sućurac, the Marina Kaštela company organized the “Ex-Jugovinil” urban planning and architectural workshop, as the first of two international workshops planned as part of the semestral practical work for the Graduate Design Studio 3 course. The main subject of the course assignment was the urban revitalization of brownfield locations in Kaštela Bay. Considering that the project of the commercial and tourism development of the area of the former Jugovinil industrial plant is one of the biggest projects announced for the area, the goal of the workshop was to contribute to the planning of the area, just at the time of the preparation of a new urban development master plan for the Town of Kaštela and an urban development plan for the area of the industrial plant.

The workshop was attended by architecture and urban planning students from Split and students of the Universität der Künste from Berlin. The welcoming speech was given by Josip Berket, owner of Marina Kaštela, and urban planner Gojko Berlengi. The following thematic lectures were given:

“Introduction to Urban Development of Split” by Sanja Matijević Barčot, PhD, “Croatian Industrial Architecture during Socialist Period” by Zrinka Paladino, PhD, “Industrial Complex of Jugovinil in Kaštela” by Katja Marasović, PhD, and “Urban Planning – Kaštela” by Gojko Berlengi. The first ideas and proposals were presented on the premises of the marina after a visit to the location and a day’s work.

“Introduction to Urban Development of Split” by Sanja Matijević Barčot, PhD, “Croatian Industrial Architecture during Socialist Period” by Zrinka Paladino, PhD, “Industrial Complex of Jugovinil in Kaštela” by Katja Marasović, PhD, and “Urban Planning – Kaštela” by Gojko Berlengi. The first ideas and proposals were presented on the premises of the marina after a visit to the location and a day’s work.



Sudionici / Participants



Obilazak lokacije / Site visit

## “DVORANA GIMNAZIJE” / “HIGH SCHOOL SPORTS HALL” NOVA GRADIŠKA

### MENTORI / MENTORS:

prof. Hrvoje Njirić, prof. Neno Kezić, Nora Roje, Bruna Kovačević

### STUDENTI / STUDENTS:

Luka Barković, Barbara Bilić, Magdalena Bodrožić, Anita Brajković, Anamaria Buljan, Ana Čirjak, Bruna Ćurić, Frane Dedić, Emili Dragičević, Kristina Gotvald, Anita Grga, Laura Ibrahić, Petra Kliman, Josipa Krtalić, Filip Eugen Lelas, Karlo Pahert, Mirna Peović, Ana Perišić, Marin Petković, Jelena Podrug, Leo Radić, Tina Radnić, Robert Sokač, Ana Šegrt, Pino Šimićev, Lucija Šimundić Bendić, Marina Tomaš, Petra Tomeljak, Roko Vilibić, Dora Vrkić, Alvaro Vallejo (FGAG, Split)

Temom “Dvorana Gimnazije” ostvarena je još jedna studentska radionica u Novoj Gradiški uz sudjelovanje studenata FGAG-a i Arhitektonskog fakulteta Sveučilišta u Zagrebu, u organizaciji Grada Nova Gradiška, a na inicijativu gradonačelnika Nove Gradiške. Studenti Arhitektonskog fakulteta iz Zagreba radili su na projektu “Zlatni grad” – Dom za stare, a studenti našeg Fakulteta na projektu “Dvorana Gimnazije”. Suradnjom fakulteta i lokalne uprave studenti su primijenili stečena znanja na realnim zadacima, a zahvaljujući sudjelovanju dvaju fakulteta imali su priliku da razmijene svoja znanja, porede osnovne premise različitih škola te proširuju ili stvaraju vlastitu profesionalnu mrežu. Ove radionice zamišljene su na način da se projekti provode u cijelosti, od izrade dokumentacije pa sve do realizacije odnosno izgradnje. Studentski projekti nastavno-sportske dvodijelne dvorane izrađeni su za Gimnaziju Nova Gradiška koja je jedina srednja škola u Slavoniji i Baranji bez vlastite sportske dvorane. Cilj projekta bio je iznalaženje oblikovnog, funkcionalnog, održivog i ekonomičnog rješenja dvorane koja bi, osim što bi služila učenicima i građanima, imala i polivalentnu namjenu pa bi se u njoj pored sportskih mogla održavati i značajnija kulturno-umjetnička i društvena događanja. Početkom veljače 2018. godine studenti su u novogradiškoj vijećnici prezentirali svoja idejna rješenja. Povjerenstvo u sastavu: gradonačelnik Grada Nova Gradiška dipl. ing. Vinko Grgić, književnik Miro Gavran, prof. Helena Paver-Njirić, pročelnica Konzervatorskog odjela u Slavonskom Brodu Željka Perković, dekan Arhitektonskog fakulteta u Zagrebu prof. dr.

Another student workshop was held in Nova Gradiška, under the title “High School Sports Hall”. It was attended by the students of the Faculty of Civil Engineering, Architecture and Geodesy and the Faculty of Architecture of the University of Zagreb and organized by the City of Nova Gradiška, at the initiative of the mayor of Nova Gradiška. The students of the Zagreb Faculty of Architecture worked on the project “Golden City” – Nursing Home for the Elderly”, while the students of our faculty were engaged on the project “High School Sports Hall”. Through the cooperation of the faculties and the local government, the students were provided with an opportunity to apply the knowledge they acquired on real assignments, and thanks to the cooperation between the two faculties, they had an opportunity to exchange knowledge, compare the basic principles of different schools and expand or create their own professional network. These workshops are held with the aim of preparing complete projects, from the preparation of documents to construction itself. The student projects for a two-court sports hall were prepared for the Nova Gradiška High School, which is the only secondary school in Slavonija and Baranja that doesn't have its own sports hall. The goal of the project was to find a formal, functional, sustainable and cost-effective solution for the hall, intended both for high school students and citizens. In addition, the hall would be a multipurpose one, which would enable the hosting of major cultural and arts and social events, along with sports ones. At the beginning of February 2018, the students presented their conceptual designs in the Nova Gradiška city hall. The best works were chosen by a com-

mission consisting of the Mayor of the City of Nova Gradiška Vinko Grgić, Engineer, writer Miro Gavran, Professor Helena Paver-Njirić, Head of the Slavonski Brod Department of Conservation Željka Perković, Dean of the Zagreb Faculty of Architecture Professor Krunoslav Šmit, PhD, and retired Brigadier General Mladen Mikočević. The first prize for conceptual design was awarded to students Ana Šegrt and Magdalena Bodrožić, the second prize went to students Laura Ibrahić and Marin Petković, while students Frano Dedić and Robert Sokač won the third prize.

sc. Krunoslav Šmit i umirovljeni brigadni general Mladen Mikočević odabralo je najbolje radove. Prvonagrađeno je idejno rješenje studentica Ane Šegrt i Magdalene Bodrožić, druga nagrada pripala je Lauri Ibrahić i Marinu Petkoviću, a treću je osvojio rad Frane Dedića i Roberta Sokača.



Završna prezentacija radova / Final presentation



Sudionici / Participants

KONFERENCIJA / CONFERENCE  
SPLIT TALKS 2017

PREDAVAČI / LECTURERS:

Leo van den Burg (Nizozemska / Netherlands), Saša Randić (Hrvatska / Croatia),  
Tadej Glažar (Slovenija / Slovenia), Markus Tomaselli (Austrija / Austria),  
Jan Ackenhausen (Belgija / Belgium), Ute Schneider (Švicarska / Switzerland)

Tema konferencije je aktualna za područje šire splitske aglomeracije, a tiče se brownfields područja u smislu urbane preobrazbe napuštenih ili nedovoljno iskorištenih industrijskih i/ili infrastrukturnih područja. Sudionici skupa problematizirali su njihov potencijal u kontekstu povećanja gustoće naseljenosti unutar gradskih granica umjesto širenja urbanog teritorija; otkrivanje novih praksi planiranja na lokalnoj razini; regionalnu koordinaciju između povijesnih gradskih središta, predgrađa i većih gradskih područja te između nacionalnih i lokalnih vlasti i institucija. U sklopu konferencije su predavanja su održali Leo van den Burg (Nizozemska) "Brownfields – an analytical void?"; Saša Randić (Hrvatska) "Urban Renewal, Culture and the Port / urban regeneration efforts in Rijeka, European Capital of Culture 2020"; Tadej Glažar (Slovenija) "Architecture and urbanism as a paradox"; Markus Tomaselli (Austrija) "Brownfield Developments and Urban Renewal in Vienna"; Jan Ackenhausen (Belgija) "The reconversion of the Brussels Canal Area"; Ute Schneider (Švicarska) "Re-Activate – Adaptive Re-Use Opportunities of post-industrial areas".

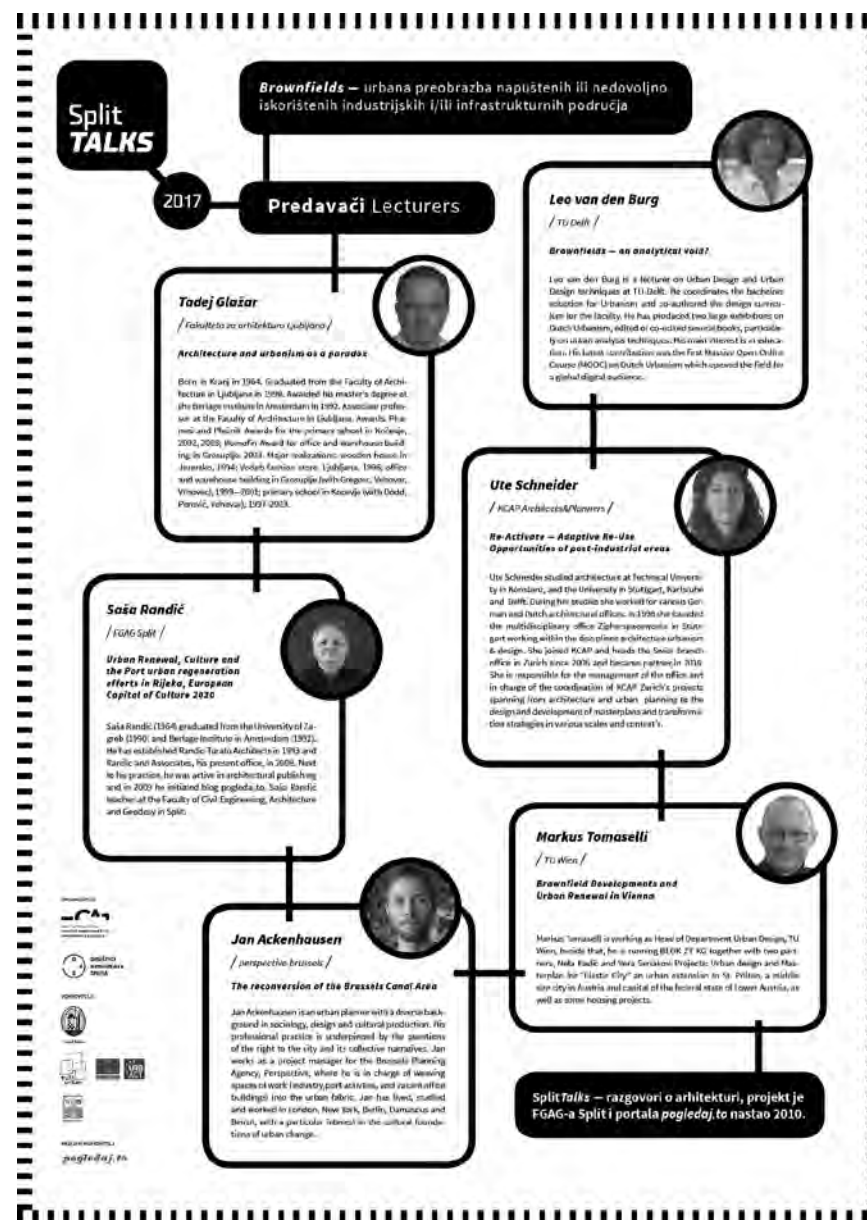
Konferencija je održana u organizaciji Fakulteta građevinarstva, arhitekture i geodezije u Splitu i portala Pogledaj.to, a u suradnji s Gradom Solinom (mreža sub>urban.Reinventing the fringe, program URBACT III) i Društvom arhitekata Splita.

The topic of the conference is relevant for the area of the wider Split agglomeration and concerns brownfield areas, with a focus on the urban transformation of abandoned or underutilized industrial and/or infrastructure areas. The participants of the conference discussed the following: the mentioned areas' potential in the context of population density increase within city limits, which is happening instead of the expansion of urban territory; the discovery of new planning practices at the local level; regional coordination between historical urban centers, suburbs and larger urban areas, as well as between national and local authorities and institutions. The conference featured the following lectures: "Brownfields – an Analytical Void?" by Leo van den Burg (Netherlands); "Urban Renewal, Culture and the Port / Urban Regeneration Efforts in Rijeka, European Capital of Culture 2020" by Saša Randić (Croatia); "Architecture and Urbanism as a Paradox" by Tadej Glažar (Slovenia); "Brownfield Developments and Urban Renewal in Vienna" by Markus Tomaselli (Austria); "The Reconversion of the Brussels Canal Area" by Jan Ackenhausen (Belgium); "Re-Activate – Adaptive Re-Use Opportunities of Post-Industrial Areas" by Ute Schneider (Switzerland)".

The conference was organized by the Split Faculty of Civil Engineering, Architecture and Geodesy and the Pogledaj.to web portal, in cooperation with the City of Solin (the Sub>urban. Reinventing the Fringe network, the URBACT III program) and the Split Association of Architects.

GODIŠNIAK STUDIJA ARHITEKTURE I URBANIZAMA 2017/18.

STUDY OF ARCHITECTURE AND URBAN PLANNING YEARBOOK 2017/18



## OKRUGLI STOL TRADICIJA GRADNJE NEBODERA U SPLITU / ROUNDTABLE SKYSCRAPER BUILDING TRADITION IN SPLIT

### SUDIONICI / PARTICIPANTS:

Ana Krolo (moderatorica / moderator), Otto Barić, Neno Kezić, Dinko Kovačić, Ante Kuzmanić, Dražen Pejković, Robert Plejić, Ružica Batinić-Santro, Sanja Stanić

Fakultet je krajem 2017. godine sudjelovao na manifestaciji SASO u sklopu koje se već niz godina upriličuje tzv. Dan arhitekata uz organizaciju okruglog stola odnosno stručnih predavanja. Tema okruglog stola bila je *Tradicija gradnje nebodera u Splitu*. Otto Barić, Neno Kezić, Dinko Kovačić i Ante Kuzmanić u diskusiji su iznijeli vlastita projektantska iskustva kod projektiranja nebodera, Robert Plejić osvrnuo se na lokalnu povijest tog arhitektonskog tipa, Dražen Pejković i Ružica Batinić-Santro u diskusiji su pridonijeli s iskustvom iz administrativnog i planerskog aspekta dok se Sanja Stanić osvrnula na sociološke aspekte izgradnje nebodera.

The Faculty participated in the SASO manifestation and in the so-called Architects' Day, which has been part of it for a number of years. The theme of the round table was "Skyscraper Building Tradition in Split". The participants approached the matter from their own experience in skyscraper design (Otto Barić, Neno Kezić, Dinko Kovačić, Ante Kuzmanić), from the aspect of local architectural history of skyscraper (Robert Plejić), from the aspect of administration and planning (Dražen Pejković, Ružica Batinić-Santro) and from the aspect of sociology (Sanja Stanić).

## IZLOŽBA / EXHIBITION koFAKTOR.raw

Uz prateće predavanje Dujama Ivaniševića, ova izložba predstavila je rad mladog splitskog arhitektonskog ureda koFAKTOR. U radu ovog ureda proces projektiranja se koristi kao polje za istraživanje i eksperimentiranje s materijalima, alatima i tehnologijama. Umjesto korištenja lako dostupnih, industrijskih, masovno proizvedenih elemenata koFAKTOR se bavi prototipom, pri čemu nedostupne tehnologije zamjenjuje ne-standardnim i inovativnim korištenjem dostupnih alata i strojeva.

With an accompanying lecture by Dujam Ivanišević, this exhibition presented the work of koFAKTOR, young architectural office based in Split. This office uses the design process as research and experiment of materials, tools and technologies. Instead of using easily accessible, industrial, mass-produced elements koFAKTOR deals with the prototype, while inaccessible technologies are replaced by the nonstandard and innovative use of available tools and machines.



Okrugli stol o gradnji nebodera u Splitu /  
Skyscraper Building Tradition round table



koFAKTOR.raw, otvaranje izložbe / exhibition opening



**IZLOŽBA I KONFERENCIJA  
50 GODINA SPLITA 3 – ULICE, KVARTOVI, STANOVNICI /  
EXHIBITION AND CONFERENCE  
50 YEARS OF SPLIT 3 – STREETS, NEIGHBORHOODS, RESIDENTS**

**ORGANIZATORICE I KURATORICE / ORGANIZERS AND CURATORS:**  
Višnja Kukoč, Jelena Borota

**PREDAVAČI / LECTURERS:**  
Ante Svarčić, Jakša Miličić, Ante Mihanović, Janez Koželj, Luka Skansi, Leonardo Ciacci,  
Ivan Mlinar, Ljiljana Blagojević, Ivan Basić, Bruce Appleyard

**OKRUGLI STOL / ROUND TABLE:**  
Gojko Berlenji, Sanja Buble, Ilka Čerpes, Dražen Pejković, Boris Šitum, Dražen Pejković

**ASISTENTI / ASSISTANTS:**  
Jere Kuzmanić, Ana Kakić, Marija Tomaš, Zdravka Džajić, Lucija Vulić

Manifestacija je rezultat višegodišnjeg istraživanja raznovrsne građe jedinstvenog primjera gradogradnje Splita 3, njegove kompleksne programske, financijske i provedbene pripreme za natječaj i realizaciju. Čitav proces istražen je i predstavljen kroz multidisciplinarni pristup različitih formata: izložbe u sveučilišnoj galeriji Vasko Lipovac, okruglog stola, niza predavanja, stručnih vođenja, tzv. urbanih promena i koncerta. Manifestacija je tijekom dva i pol mjeseca okupila blizu 900 posjetitelja. Održano je niz predavanja čije se teme izravno odnose na stvaranje i kontekst Splita 3 te na urbanu revitalizaciju danas. *Jane Jacobs šetnje po Splitu 3 / urbane promenade* održane su u heterogenom društvu studenata, arhitekata, urbanista, povjesničara umjetnosti, arheologa i drugih zainteresiranih građana. Kroz format koncerta *Papandopulo kvarteta* na nov način je aktiviran i oživljen jedan od najuspjelijih javnih prostora na Trsteniku, prepoznatljiva ulica arhitekta Ive Radića.

Manifestaciju je podržao Fakultet kao nositelj programa, u suradnji sa Sveučilištem u Splitu, sveučilišnom galerijom Vasko Lipovac i udrugom VAL, a potporu su dale i brojne druge institucije.

The manifestation 50 Years of Split 3 – Streets, Neighborhoods, Residents is the outcome of years of research of different material relating to the unique example of the urban development of Split 3 and to the complex preparation for the urban design competition and construction, related to the district's program, financing and final urban development plan. The entire process was researched and presented through a multi-disciplinary approach in different formats: an exhibition in the *Vasko Lipovac* university gallery, a roundtable discussion, a series of lectures, guided tours – so-called urban promenades and a concert. In the two and a half months it lasted, the manifestation attracted more than 900 visitors. A series of lectures whose topics directly refer to the creation and context of Split 3 and to urban revitalization today were held. The *Jane Jacobs Walks around Split 3 / Urban Promenades* were held in the diverse company of students, architects, urban planners, art historians, archaeologists and other interested citizens. A concert given by the *Papandopulo Quartet* enlivened one of the best-designed public spaces in the Trstenik neighborhood, the well-known street designed by architect Ivo Radić.

This public program was created with the Faculty as its coordinating body and in cooperation with the University of Split, the *Vasko Lipovac* university gallery and the VAL association, as well as with the support of numerous other institutions.

GODIŠNIAK STUDIJA ARHITEKTURE I URBANIZMA 2017/18.

STUDY OF ARCHITECTURE AND URBAN PLANNING YEARBOOK 2017/18



**IZLOŽBA / EXHIBITION**

**GODIŠNJA IZLOŽBA STUDIJA ARHITEKTURE I URBANIZMA /  
STUDIES OF ARCHITECTURE AND URBAN PLANNING  
ANNUAL EXHIBITION**

**POSTAV IZLOŽBE / EXHIBITION DESIGN:**

**Dinko Peračić**

Godišnja izložba studentskih radova je po prvi put održana na trećem katu zgrade C Fakulteta. Osim studentima i kandidatima na prijemnom ispitu, izložba je bila namijenjena i samim nastavnicima studija kako bi se upoznali s temama, metodama i radom svojih kolega. Svaki kolegij je stoga zasebno predstavljen u sklopu zajedničkog obilaska izložbe.

The annual exhibition of the works of architecture students for the first time was held on the third floor of faculty building C. The exhibition was intended not only for students and admission exam candidates, but also for the faculty members, to enable them to get acquainted with the themes, methods and work of their colleagues. Therefore, each course was represented separately, as one part of the collective tour of the exhibition.

**NAGRAĐENI STUDENTI / AWARDED STUDENTS:**

**Petra Kerum (OAP1/IAD1)**

**Dora Maškarin (OAP2/IAD2)**

**Ante Čaleta (RAP1/ADW1)**

**Nora Dešković i Niko Borković (RAP2/ADW2)**

**Lana Žaknić, Karmen Žanetić, Ljilja Rupčić i Marina Šegedin (UR1/UP1)**

**Dorotea Kaurić (RAP3/ADW3)**

**Tomislav Odrlijin, Mario Miljak, Ante Leko i Dorotea Kaurić (UR2/UP2)**

**Mia Nerlović (RAP4-Završni rad/ADW4-Final Work)**

**Marin Petković i Laura Ibrahić (DS1/GDS1, DS2/GDS2)**

**Inka Černić, Ena Radić i Mia Šantić (DS3 i GDS3)**

GODIŠNIAK STUDIJA ARHITEKTURE I URBANIZMA 2017/18.

STUDY OF ARCHITECTURE AND URBAN PLANNING YEARBOOK 2017/18





**IZMJENE  
STUDIJSKIH  
PROGRAMA  
2017.:**

**RAZVIJANJE  
URBANISTIČKE  
KOMPONENTE  
STUDIJA**

GODIŠNJAK STUDIJA ARHITEKTURE I URBANIZMA 2017/18.

**AMENDMENTS  
TO THE  
SYLLABI  
IN 2017:**

**DEVELOPING  
THE URBAN-  
PLANNING  
COMPONENT  
OF THE  
STUDIES**

STUDY OF ARCHITECTURE AND URBAN PLANNING YEARBOOK 2017/18

Ove, 2017./18. akademske godine na prvoj godini preddiplomskog studija počeo se primjenjivati novelirani nastavni program. Temeljni razlog za izmjene i dopune dosadašnjeg studijskog programa preddiplomskog i diplomskog studija koje su usvojene tijekom 2017. godine bio je proširenje programskih nastavnih sadržaja u tematskoj cjelini urbanizma. Promjene nastavnog programa u manjoj se mjeri odnose na preddiplomsku, a u većoj mjeri na diplomsku razinu studija.

Sukladno izmjenama promijenio se i naziv koji studenti stječu nakon završetka studija, pa nakon završetka preddiplomskog studija oni stječu naziv sveučilišni prvostupnik inženjer arhitekture i urbanizma, odnosno sveučilišna prvostupnica inženjerka arhitekture i urbanizma, a nakon završetka diplomskog studija magistar inženjer arhitekture i urbanizma, odnosno magistra inženjerka arhitekture i urbanizma.

U vremenu nepostojanja "univerzalne" urbanističke paradigme koja može odgovoriti na aktualne prostorne probleme neoliberalnog kapitalističkog okruženja, u lokalnom okruženju svedenom nažalost, na vulgarnu verziju individualizma lišenog objektivnog sagledavanja konteksta, s gotovo potpunim izostankom društveno odgovornog ponašanja i razmišljanja, pokušali smo kroz izmjene studijskih programa definirati što je u ovom trenutku neophodno za edukaciju u domeni urbanizma te koja bi to znanja i vještine, ambicije i uvjerenja edukacija trebala pružiti nekome tko će u budućnosti utjecati na izgrađeni okoliš.

Studijski program smo dopunili nizom sadržaja koji su nedostajali u postojećoj strukturi obrazovanja arhitekata-urbanista, pri tom držeći nužnim, mlade ljude generalno, a posebno buduće arhitekate i urbaniste, učiti i trenirati da razmišljaju istovremeno na više razina, da prepoznaju sve elemente konteksta, od prostornog i kulturološkog do ekonomskog i društvenog te da shvate vrijednost resursa koji im je postavljen u zadatak, kao i dužnosti i obveze koje su im njihovim izborom povjerene. To znači da noveliranim studijskim programom studente, buduće arhitekate i urbaniste, planiramo uvježbavati da prostorne probleme istovremeno sagledavaju na svim razinama i mjerilima, od razine arhitektonskih i urbanističkih tipologija do razine strategija prostornog razvoja na regionalnom nivou, odnosno, od razine specifičnog pojedinačnog interesa do razine političke

odgovornosti i društvenog interesa. Pritom je od ključne važnosti da budući arhitekti i urbanisti prihvate i usvoje neophodno potrebne tehničke vještine i alate kojima mogu djelovati na prostor, ali i na ekonomske i društvene procese te da kroz stalnu i kontinuiranu edukaciju budu sposobni u konkretnom kontekstu razviti nove i specifične alate, metode i metodologije urbanističkog i prostornog planiranja, kako bi naposljetku bili spremni i sposobni baratati pojmovima i kategorijama aktualnog neoliberalnog okruženja interpretirajući ih i koristeći u svrhu zaštite i promicanja društvene koristi posebno u smislu očuvanja i unapređenja javnog prostora.

U tom smislu, urbanističke radionice u kojima vrlo često surađujemo s nizom svjetski priznatih inozemnih sveučilišta i stručnjaka omogućavaju studentima uvid u različite metode edukacije i u različite urbanističke prakse, prvenstveno u europskim zemljama. Kroz međunarodne kontakte i kroz rad na zadacima lokalnog prostornog karaktera uz primjenu novih metoda ili rad na zadacima izvan našeg okruženja s ciljem stjecanja lokalno primjenjivih iskustava, uz edukaciju studenata omogućava se istovremeno i edukacija samog nastavnog osoblja te komparacija s drugim školama radi objektivnije valorizacije našeg rada, odnosno potvrde postignutog nivoa kvalitete s jedne i otvaranja prostora za napredak s druge strane.

Razmišljanja o budućnosti splitskog studija arhitekture i urbanizma trebalo bi temeljiti prvenstveno na konstantnoj praktičnoj i teorijskoj edukaciji nastavnog kadra s ciljem da, razvijanjem kvalitetnog i kontekstualno specifičnog edukacijskog modela, odgojimo nove generacije kreativnih i mislećih mladih ljudi sposobnih i dovoljno hrabrih suočiti se s problemima na bilo kojoj razini, dovoljno ustrajnih i uvjerenih u značaj onoga što rade i dovoljno hrabrih da nose promjenu bez obzira na razinu problema i težinu zadaće.

Provedba novog programa uz, u budućnosti neophodnu kalibraciju, odnosno, korekcije i usklađenja, trebala bi edukaciju mladih arhitekata – urbanista podići na nivo europske kvalitete i osposobiti ih da misle i djeluju u okviru vrlo složenog i nikad promjenjivijeg konteksta.

prof. Dario Gabrić

The implementation of the amended syllabus for the first year of the undergraduate study began this academic year, 2017/18. The main reason for amendments, adopted in 2017, to the former undergraduate and graduate study syllabi was their expansion in the subject area of urban planning. Amendments affect the graduate syllabus to a greater extent and the undergraduate one to a lesser extent.

In accordance with the amendments, the title obtained by the students after the completion of their studies also changed. Namely, after the completion of the undergraduate study, they will obtain the title of Bachelor of Architecture and Urban Planning and the after the completion of the graduate study, they will obtain the title of Master of Architecture and Urban Planning.

In these times of the absence of a "universal" urban planning paradigm which can address the current spatial planning problems within a neoliberal capitalist environment, in our local surroundings, regrettably reduced to a vulgar version of individualism deprived of an objective grasp of its context and exhibiting an almost complete lack of socially responsible behaviour and thinking, we have tried to use these amendments to the syllabi to define the current educational imperatives in the field of urban planning, as well as the knowledge and skills, ambitions and beliefs to be gained through education by future shapers of the built environment.

We have expanded the syllabus with a range of contents that were absent from the existing structure of architects and urban planners' education. In doing this, we believed it necessary to teach and train young people in general, and future architects and urban planners in particular, to think multidimensionally, to identify all the elements of context - the spatial and cultural, as well as the economic and social one - and to understand the value of the resources they are entrusted with, as well as the duties and obligations implied in their selection for a project. This means that we intend to use the amended syllabus to train the students, i.e. future architects and urban planners, to consider spatial planning problems on all levels and in all scales simultaneously, from the level of architectural and urban-design typologies to the level of regional urban development strategies, that is, from the level of specific individual interests to the level of political responsibility and social interests. In doing so, it is of crucial importance

that future architects and urban planners accept and adopt the essential technical skills and tools required for shaping space, but also economic and social processes, and that they become able, through continuous education, to develop new and specific tools, methods and methodologies of urban and spatial planning within a specific context. This will eventually enable them to become familiar with the concepts and categories of the contemporary neoliberal environment, in order to interpret them and use them to protect and promote social interests, particularly with regard to the preservation and development of public space.

In this sense, urban planning workshops, which often feature cooperation with a number of globally recognised foreign universities and experts, introduce the students to different educational methods and urban planning and design practices, primarily those of European countries. Apart from student education, the purpose of realising international contacts and working on local spatial planning assignments using new methods or on assignments outside of our surroundings in order to gain locally applicable experiences, is to simultaneously enable the education of the teaching staff and the comparison with other schools. This will lead to a more objective evaluation of our work, to confirm the attained level of quality and make room for progress.

The future of the Split Study of architecture and urban planning should be planned primarily on the basis of the continuous practical and theoretical education of the teaching staff, with the aim of developing a high-quality and contextually appropriate model of educating new generations of creative and bright young people able, and brave enough, to tackle problems on any level, as well as sufficiently persistent and passionate with respect to their work and daring enough to effect changes regardless of the level of the problem and the complexity of the assignment.

The implementation of the new syllabus, along with its calibration – corrections and adjustments – which will be indispensable in the future, should lift the education of young architects and urban planners to the European level of quality and make them capable of thinking and acting within a very complex context, which has never been as mutable.

Professor Dario Gabrić

## PREDDIPLOMSKI STUDIJ ARHITEKTURA I URBANIZAM

\* izmjene i dopune studijskog programa pripremio: prof. dr. sc. Darovan Tušek

U preddiplomski nastavni program uneseno je i nekoliko izmjena u redosljedu pojedinih kolegija i noveliran je sadržaj niza već postojećih kolegija u cilju ažuriranja i unapređenja sustava studiranja. Preciznije su definirani ishodi učenja i kompetencije koje se stječu nakon apsolviranja pojedinog kolegija. Trajanje studija i suma ECTS bodova nije se mijenjala. Na prvoj i drugoj godini preddiplomskog studija nije bilo nikakvih strukturnih promjena nastavnog programa, dok je na trećoj godini preddiplomskog studija došlo je do nekoliko strukturnih promjena:

→ povećana je satnica, sadržaj i broj ECTS bodova kolegija “Urbanizam 1” i “Urbanizam 2”;

→ u nastavni plan uveden je novi predmet “Moderni urbanizam” koji se realizira u šestom semestru studija;

→ kolegiji “Povijest arhitekture i umjetnosti 3” i “Povijest arhitekture i umjetnosti 4” objedinjeni su u jedinstveni novi kolegij “Povijest arhitekture i umjetnosti 3” koji se u cjelini realizira u petom semestru studija;

→ kolegiji “Suvremena arhitektura 1” i “Suvremena arhitektura 2” objedinjeni su u jedinstveni novi kolegij “Moderna arhitektura” koji se u cjelini realizira u šestom semestru studija;

→ kolegij “Gradske prometne površine i objekti” premješten je u šesti semestar studija i u sadržaj predmeta uvedene su vježbe;

→ u nastavni program šestog semestra uvršten je kolegij “Pomorske građevine i luke” koji se po prethodnom programu realizirao na diplomskom studiju; sadržaj ovog predmeta također je proširen programom vježbi;

→ smanjena je satnica i broj ECTS bodova kolegija “Radionica arhitektonskog projektiranja 4 – Završni rad” na šestom semestru studija.

GODIŠNJAK STUDIJA ARHITEKTURE I URBANIZAMA 2017/18.

## UNDERGRADUATE STUDY OF ARCHITECTURE AND URBAN PLANNING

\* amendments to the syllabus prepared by: Professor Darovan Tušek, PhD

Several amendments have been made to the undergraduate syllabus with respect to the sequence of some courses and the contents of a number of existing courses, with the aim of updating and improving the study system. The learning outcomes and competences acquired after the completion of each course have been defined in more detail. The duration of the study and the sum of ECTS credits have not been changed.

There have been no structural changes of the first- and second-year undergraduate syllabus and several of the third-year undergraduate syllabus:

→ the credit hours, content and number of ECTS credits for courses “Urban Planning 1” and “Urban Planning 2” have been increased;

→ a new course under the title “Modern Urbanism” has been introduced into the syllabus and taught in the sixth semester of the study;

→ the courses “History of Architecture and Art 3” and “History of Architecture and Art 4” have been merged into a new course “History of Architecture and Art 3”, taught in the fifth semester in its entirety;

→ the courses “Contemporary Architecture 1” and “Contemporary Architecture 2” have been merged into a new course “Contemporary Architecture”, taught in the sixth semester in its entirety;

→ the course “Urban Traffic Areas and Objects” has been moved to the sixth semester of the study and expanded with practical exercises;

→ the course “Maritime Structures and Ports”, previously taught in the graduate study, has been included in the syllabus of the sixth semester; the course content has also been expanded to include a practical exercise programme;

→ the credit hours and number of ECTS credits for the course “Architectural Design Workshop 4 – Final Work”, taught in the sixth semester, have been decreased.

STUDY OF ARCHITECTURE AND URBAN PLANNING YEARBOOK 2017/18

AMENDMENTS TO THE SYLLABI IN 2017

IZMJENE STUDIJSKIH PROGRAMA 2017.

OSNOVE  
ARHITEKTONSKOG  
PROJEKTIRANJA 1  
INTRODUCTION  
TO ARCHITECTURAL  
DESIGN 1  
**2+3 | 6**

OSNOVE  
ARHITEKTONSKOG  
PROJEKTIRANJA 2  
INTRODUCTION  
TO ARCHITECTURAL  
DESIGN 2  
**2+3 | 6**

RADIONICA  
ARHITEKTONSKOG  
PROJEKTIRANJA 1  
ARCHITECTURAL  
DESIGN  
WORKSHOP 1  
**2+4 | 10**

RADIONICA  
ARHITEKTONSKOG  
PROJEKTIRANJA 2  
ARCHITECTURAL  
DESIGN WORKSHOP 2  
**2+4 | 10**

RADIONICA  
ARHITEKTONSKOG PROJEKTIRANJA 3  
ARCHITECTURAL  
DESIGN WORKSHOP 3  
**2+4 | 10**

RADIONICA  
ARHITEKTONSKOG  
PROJEKTIRANJA 4  
- ZAVRŠNI RAD  
ARCHITECTURAL DESIGN  
WORKSHOP 4  
- FINAL WORK  
**2+6 | 12**

TIPOLOGIJA I FORMA U ARH. 1  
TYPOLOGY AND FORM IN ARCH. 1  
**2+0 | 2**

TIPOLOGIJA I FORMA U ARH. 2  
TYPOLOGY AND FORM IN ARCH. 2  
**2+0 | 2**

CRTANJE 1  
DRAWING 1  
**0+2 | 3**

CRTANJE 2  
DRAWING 2  
**0+2 | 3**

UPORABA RAČUNALA U ARH. 1  
COMPUTER - AIDED ARCH. DESIGN 1  
**0+2 | 2**

UPORABA RAČUNALA U ARH. 2  
COMPUTER - AIDED ARCH. DESIGN 2  
**0+2 | 2**

TIPOLOGIJA I FORMA U ARH. 3  
TYPOLOGY AND FORM IN ARCH. 3  
**2+0 | 2**

TIPOLOGIJA I FORMA U ARH. 4  
TYPOLOGY AND FORM IN ARCH. 4  
**2+0 | 2**

URBANIZAM 1  
URBAN PLANNING 1  
**2+4 | 8**

OSNOVE PROJICIRANJA 1  
PRINCIPLES OF PROJECTIONS 1  
**2+2 | 5**

OSNOVE PROJICIRANJA 2  
PRINCIPLES OF PROJECTIONS 2  
**2+2 | 5**

OBLIKOVANJE  
VISUAL DESIGN  
**0+5 | 2**

OSNOVE URBANIZMA  
INTROD. TO URBAN PLANNING  
**2+0 | 2**

ARHITEKTONSKA PREZENTACIJA  
ARCHITECTURAL PRESENTATION  
**0+5 | 2**

POVIJEST URBANE FORME  
HISTORY OF URBAN FORM  
**2+0 | 2**

POVIJEST ARH. I UMJETNOSTI 1  
HISTORY OF ARCHITECTURE  
AND ART 1  
**4+0 | 4**

POVIJEST ARH. I UMJETNOSTI 2  
HISTORY OF ARCHITECTURE  
AND ART 2  
**4+0 | 4**

ELEMENTI ZGRADA 1  
BUILDING ELEMENTS 1  
**2+2 | 4**

ELEMENTI ZGRADA 2  
BUILDING ELEMENTS 2  
**2+2 | 4**

ELEMENTI ZGRADA 3  
BUILDING ELEMENTS 3  
**2+2 | 4**

ELEMENTI ZGRADA 4  
BUILDING ELEMENTS 4  
**2+2 | 4**

POVIJEST ARH. I UMJETNOSTI 3  
HISTORY OF ARCH. AND ART 3  
**4+0 | 4**

OSNOVE NOSIVIH KONSTRUKCIJA 1  
BASIS OF STRUCTURES 1  
**2+2 | 6**

OSNOVE NOSIVIH KONSTRUKCIJA 2  
BASIS OF  
STRUCTURES 2  
**2+2 | 6**

NOSIVE KONSTRUKCIJE 1  
LOAD-BEARING STRUCTURES 1  
**3+2 | 6**

NOSIVE KONSTRUKCIJE 2  
LOAD-BEARING STRUCTURES 2  
**3+2 | 6**

INSTALACIJE  
BUILDING INSTALLATIONS  
**2+2 | 4**

MODERNA ARHITEKTURA  
MODERN ARCHITECTURE  
**4+0 | 4**

MATEMATIKA 1  
MATHEMATICS 1  
**1+1 | 2**

MATEMATIKA 2  
MATHEMATICS 2  
**1+1 | 2**

PLANIRANJE I ORG. GRAĐENJA  
CONSTR. PLANNING AND MANAG.  
**2+2 | 2**

POMORSKE GRAD. I OBJEKTI  
MARINE STRUCTURES AND PORTS  
**2+1 | 2**

FIZIKA ZGRADE  
BUILDING PHYSICS  
**2+2 | 2**

GRAD. PROMETNE POVRŠINE I OBJ.  
URBAN TRAFFIC AREAS AND OBJECTS  
**2+1 | 2**

MODERNI URBANIZAM  
MODERN URBANISM  
**2+0 | 2**

## DIPLOMSKI STUDIJ ARHITEKTURA I URBANIZAM

\* izmjene i dopune studijskog programa pripremio: prof. Dario Gabrić

U diplomski nastavni program uvedeni su novi obvezni i izborni kolegiji, noveliran je sadržaj postojećih kolegija te su preciznije definirani ishodi učenja i kompetencije koje se stječu nakon apsolviranja pojedinog kolegija. Trajanje studija i suma ECTS bodova nije se mijenjala.

→ u nastavni plan uvedeni su novi obvezni kolegiji “Prostorno planiranje 1” i “Prostorno planiranje 2”;

→ kolegij “Diplomski studio 3” podijeljen je u dvije zasebne radionice, na način da se u okviru kolegija studentima nudi izbor da rade na arhitektonskom zadatku ili pak na zadatku koji je fokusiran isključivo na urbanističku temu;

→ kolegij “Socio-urbana istraživanja prostora” premješten je s preddiplomskog na diplomski studij;

→ u sadržaj kolegija “Urbani dizajn” uvedene su vježbe;

→ kolegiji “Suvremena arhitektura 3” promijenio je naziv u “Suvremena arhitektura” dok je kolegij “Hrvatska arhitektura XX. stoljeća” zamijenio raniji kolegij “Suvremena arhitektura 4”; smanjena je satnica i broj ECTS bodova kolegija “Istraživanje u urbanističkom planiranju”, “Upravljanje projektom” te “Planiranje građevinskih investicija”;

→ uvedeni su izborni predmeti: “Složeni arhitektonsko-urbanistički sklopovi”, BIM, “Strani jezik”, dok je za rad u sklopu stručne prakse te za sudjelovanje na studentskim međunarodnim urbanističkim ili arhitektonskim radionicama predviđeno ostvarivanje ECTS bodova.

GODIŠNJAK STUDIJA ARHITEKTURE I URBANIZAMA 2017/18.

## GRADUATE STUDY OF ARCHITECTURE AND URBAN PLANNING

\* amendments to the syllabus prepared by: Professor Dario Gabrić

New required and elective courses have been introduced into the graduate study syllabus, the contents of existing courses have been expanded and the learning outcomes and competences acquired after the completion of each course have been defined in more detail. The duration of the study and the sum ECTS credits have not been changed.

→ new mandatory courses – “Physical Planning 1” – have been introduced into the syllabus;

→ the course “Graduate Design Studio 3” has been divided into two separate workshops in order to give the students the option of choosing between an architectural assignment and an assignment focussed exclusively on an urban-design topic;

→ the course “Socio-Urban Research of Space” has been moved from the undergraduate to the graduate study;

→ the content of the course “Urban Design” has been expanded by introducing practical exercises;

→ the course “Contemporary Architecture 3” has been renamed to “Contemporary Architecture”, while the course “Croatian Architecture of the 20<sup>th</sup> Century” has replaced the former course “Contemporary Architecture 4”; the credit hours and number of ECTS credits for the courses “Research in Urban Planning”, “Project Management” and “Construction Investment Planning” have been reduced;

→ the following elective courses have been introduced: “Complex Architectural and Urban-Design Structures”, “Building Information Modelling (BIM)”, “Foreign Language”, while additional ECTS credits will be awarded for internship and participation in international urban design or architectural student workshops.

STUDY OF ARCHITECTURE AND URBAN PLANNING YEARBOOK 2017/18



<p><b>DIPLOMSKI STUDIO 1</b> GRADUATE DESIGN STUDIO 1 <b>2+6   15</b></p>	<p><b>DIPLOMSKI STUDIO 2</b> GRADUATE DESIGN STUDIO 2 <b>2+6   15</b></p>	<p><b>DIPLOMSKI STUDIO 3</b> GRADUATE DESIGN STUDIO 3 <b>2+6   15</b></p>	<p><b>DIPLOMSKI RAD</b> MASTER THESIS <b>30</b></p>
<p><b>ISTRAŽIVANJE U URB. PLANIRANJU</b> RESEARCH IN URBAN PLANNING <b>1+1   2</b></p>	<p><b>URBANI DIZAJN</b> URBAN DESIGN <b>2+2   2</b></p>	<p><b>INTERIJER</b> INTERIOR DESIGN <b>2+2   5</b></p>	<p><b>IZBORNI:</b> <b>BIM</b> <b>STRANI JEZIK</b> <b>MEĐUNARODNA ARHITEKTOŠKA ILI</b> <b>URBANISTIČKA RADIONICA</b> <b>RADIONICA ZAŠTITE I OBNOVE</b> <b>GRAD. NASLIJEĐA 3</b> <b>SLOŽENI ARHITEKTONSKO-</b> <b>URBANISTIČKI SKLOPOVI</b></p>
<p><b>PROSTORNO PLANIRANJE 1</b> PHYSICAL PLANNING 1 <b>2+0   2</b></p>	<p><b>PROSTORNO PLANIRANJE 2</b> PHYSICAL PLANNING 2 <b>2+0   2</b></p>	<p><b>URBOEKONOMIJA</b> URBAN ECONOMICS <b>2+0   2</b></p>	<p><b>ELECTIVE COURSES:</b> <b>BUILDING INFORMATION MODELLING</b> <b>(BIM)</b> <b>FOREIGN LANGUAGE</b></p>
<p><b>SUVREMENA ARHITEKTURA</b> CONTEMPORARY ARCHITECTURE <b>2+0   2</b></p>	<p><b>HRV. ARHITEKTURA XX. ST.</b> CROATIAN ARCH. IN THE 20th C. <b>2+0   2</b></p>	<p><b>INTEGRALNA ZAŠTITA PROSTORA</b> INTEGRATED ENVIR. PROTECTION <b>2+0   2</b></p>	<p><b>INTERNATIONAL URBAN PLANNING OR</b> <b>ARCHITECTURAL STUDENT WORKSHOP</b></p>
<p><b>RADIONICA ZAŠTITE I OBNOVE</b> <b>GRAD. NASLIJEĐA 1</b> PROTECTION AND RESTORATION OF ARCHITECTURAL HERITAGE STUDIO 1 <b>2+2   5</b></p>	<p><b>RADIONICA ZAŠTITE I OBNOVE</b> <b>GRAD. NASLIJEĐA 2</b> PROTECTION AND RESTORATION OF ARCHITECTURAL HERITAGE STUDIO 2 <b>2+2   5</b></p>	<p><b>SOCIO-URBANA ISTRAŽ. PROSTORAA</b> SOCIO-URBAN RESEARCH OF SPACE <b>2+0   2</b></p>	<p><b>PROTECTION AND RESTORATION OF</b> <b>ARCHITECTURAL HERITAGE 3</b></p>
<p><b>UPRAVLJANJE PROJEKTOM</b> PROJECT MANAGEMENT <b>2+0   2</b></p>	<p><b>PLANIRANJE GRAD.INVESTICIJA</b> CONSTR. INVESTMENT PLANNING <b>2+0   2</b></p>	<p><b>TEORIJA ARHITEKTURE</b> THEORY OF ARCHITECTURE <b>2+0   2</b></p>	<p><b>COMPLEX ARCHITECTURAL AND</b> <b>URBAN-DESIGN STRUCTURES</b></p>
<p><b>IZBORNI KOLEGIJI</b> ELECTIVE COURSE <b>1 2</b></p>	<p><b>IZBORNI KOLEGIJI</b> ELECTIVE COURSE <b>1 2</b></p>	<p><b>IZBORNI KOLEGIJI</b> ELECTIVE COURSE <b>1 2</b></p>	



**15 GODINA  
STUDIJA  
ARHITEKTURE  
I URBANIZMA  
U SPLITU**

GODIŠNJAK STUDIJA ARHITEKTURE I URBANIZMA 2017/18.

**15 YEARS  
OF THE  
STUDY OF  
ARCHITECTURE  
AND URBAN  
PLANNING  
IN SPLIT**

STUDY OF ARCHITECTURE AND URBAN PLANNING YEARBOOK 2017/18

## INVENTURA 2018

### RAZGOVOR O PROŠLOSTI, SADAŠNJOSTI I BUDUĆNOSTI STUDIJA ARHITEKTURA I URBANIZAM U SPLITU

Obljetnice uobičajeno pozivaju na inventure. Inventura u povodu ovogodišnje 15. obljetnice osnutka splitskog studija Arhitektura i urbanizam napravljena je u razgovoru s njegovim dosadašnjim prodekanima prof. Darovanom Tušekom (2003. – 2010.) i izv. prof. Robertom Plejićem (2010. – 2014.), aktualnim prodekanom, prof. Antom Kuzmanićem (2014. – 2018.) te upravo izabranim prodekanom za slijedeće mandatno razdoblje, prof. Nenom Kezićem (2018. – 2021.).

**Split je studij arhitekture dugo priželjkivao. Već 60-ih godina, kada se osmišljavao razvoj visokog obrazovanja u Splitu bilo je predviđeno pokretanje studija arhitekture. Međutim, do njega je došlo tek 2003. godine.**

TUŠEK: Nakon osnivanja Građevinskog fakulteta 1977. godine bilo je nekoliko pokušaja da se osnuje i studij arhitekture, ali nije bilo rezultata. Takvo stanje potrajalo je nekoliko desetljeća. Ponovna inicijativa na prijelazu iz 1990-ih na 2000-te pokrenuta je na poticaj tadašnjeg dekana Građevinskog fakulteta prof. Duška Marušića i tadašnjeg rektora prof. Ive Babića. Kolegica Ivana Šverko i ja smo bili od Sveučilišta i našega dekana zaduženi da pokušamo ponovo pokrenuti utemeljenje studija arhitekture kao drugog studija na tadašnjem Građevinskom fakultetu i kao drugog studija arhitekture u Hrvatskoj. Jasno da smo se u tom cijelom procesu oslonili upravo na suradnju sa zagrebačkim Arhitektonskim fakultetom, a ključnu je ulogu odigrala prof. Hildegard Auf Franić, tadašnja dekanica zagrebačkog fakulteta, koja je dala bezrezervnu podršku osnivanju splitskog studija. Studij je konačno osnovan 2003. godine u mandatu dekana prof. Pave Marovića i rektora prof. Ivana Pavića tako da evo, danas smo tu 15 godina, sa 16. generacijom studenata. Sama inicijativa koju smo započeli kolegica Ivana Šverko i ja, s Antom Kuzmanićem koji se uskoro pridružio inicijalnom timu, imala je neke pretpostavke koje smo zajednički formulirali i nastojali ih svakako ostvariti kao preduvjete za pokretanje studija.

**Splitski studij arhitekture zamišljen je prema politehničkom modelu, analognom, u tom smislu, zagrebačkom Arhitektonskom fakultetu.**

TUŠEK: Htjeli smo da nastavni plan i program bude kompatibilan ne samo sa zagrebačkim, nego i s tada aktualnim odabranim studijima u Europi. Konzultirali smo u to vrijeme nastavne programe nekoliko europskih fakulteta među kojima su bili ETH Zürich, Universidad Politécnica de Madrid i arhitektonski fakultet u Firenzi. Tada je sve već bilo u okviru priprema za bolonjski proces, i ti programi su već bili u procesu transformacije iz predbolonjskog sustava u bolonjski, s po-

## 2018 HINDSIGHT

### DISCUSSING THE PAST, PRESENT AND FUTURE OF THE STUDY OF ARCHITECTURE AND URBAN PLANNING IN SPLIT

Anniversaries usually make us look back. On this fifteenth anniversary of the founding of the study of Architecture and Urban Planning in Split, we did that in conversation with the former Faculty vice-deans, Professor Darovan Tušek (vice-dean from 2003–2010) and Associate Professor Robert Plejić (vice-dean from 2010–2014), the current vice-dean Professor Ante Kuzmanić (2014–2018) and the just elected vice-dean for the next mandate, Professor Neno Kezić (2018–2021).

**Split had waited long for a study of Architecture. It was planned already in the 1960s, when the higher education system in Split was under development. However, it was not established until 2003.**

TUŠEK: After the founding of the Faculty of Civil Engineering in 1977, there were several attempts at establishing a study of Architecture, but they were to no avail. This situation lasted several decades. The attempts were renewed during the transition from the 1990s into the 2000s, by Professor Duško Marušić, who was then Dean of the Faculty of Civil Engineering, and Professor Ivo Babić, who was then the University Rector. The University and the Dean entrusted me and my colleague Ivana Šverko with reinitiating the establishment of the study of Architecture as the second study at what was then the Faculty of Civil Engineering, and as the second study of Architecture in Croatia. Evidently, in the entire process, we counted on the cooperation with the Zagreb Faculty of Architecture, at which the key role was that of Professor Hildegard Auf Franić, who was then Dean of the Faculty and who gave her uncompromising support to the establishment of the study in Split. The study was finally established in 2003, during Professor Pavo Marović's term as dean and Professor Ivan Pavić's term as rector. So here we've been for 15 years, now with our 16th generation of students. The initiative for establishment, which came from my colleague Ivana Šverko and myself, with Ante Kuzmanić, who soon joined the initial team, rested on some assumptions which we had jointly formulated and tried to follow through on, as preconditions for establishing the study.

**The Split study of Architecture was conceived on the basis of a polytechnic model, analogous to that of the Zagreb Faculty of Architecture.**

TUŠEK: We wanted the syllabus to be compatible not only with the Zagreb study, but also with the select studies which then existed in Europe. At the time, we looked into the syllabi of several European faculties, amongst which were ETH Zürich, Universidad Politécnica de Madrid and the Florence School of Architec-

djelom na *bachelor* i *master* koja je uslijedila nekoliko godina kasnije. Dakle, prvo je bilo – idemo s jednim takvim kompatibilnim nastavnim planom i programom s jedne strane, a s druge strane smo nekako zamislili da, ako je to već drugi studij u Hrvatskoj, njegov program ne bude identičan sa zagrebačkim programom, nego da ima neku identitetsku profilaciju u sadržaju usmjerenu prema određenim fenomenima Mediterana. To je posebno izraženo na diplomskom studiju, kroz tematike koje istražuju diplomatske radionice. Radi se uglavnom o temama vezanim za izgradnju u priobalnom prostoru, za izgradnju u povijesnim autoritetnim ambijentima te drugim specifičnostima, prirodnim i urbanim, koje obilježavaju ovaj naš prostor u kojem se fakultet nalazi.

**Vršili ste dužnost prodekana tih prvih godina od osnivanja koje odlikuje izuzetna energija, trud i entuzijazam pokretača te svih onih koji su se uskoro pridružili studiju. Koji su bili izazovi tog prvog, formativnog razdoblja studija?**

TUŠEK: Naša orijentacijska fokus točka bila je da osnujemo kompletni studij. Znači, u startu, prije bolonjskog sustava, to je bio dodiplomski studij u trajanju od devet semestara plus diploma, a potom prediplomski (*bachelor*) i diplomski (*master*). Isključene su bile kombinacije studija koji bi trajao samo dvije ili tri godine. Stav je bio: ili ćemo formirati cijeli studij ili ga neće biti. To je bila polazna točka. Ključni izazov u tom smislu je bio osigurati potencijalni nastavni kadar. Analizom, pozivima i kontaktima osigurali smo da odmah od početka imamo kadar za svih pet godina studija, i to, kadar pokriven autorskim osobnostima s referentnim projektantskim opusom te s profesorima iz znanstvenih područja. Imali smo sreću da je u tom trenutku odaziv na naše pozive bio izuzetno dobar.

Prof. Darovan Tušek, prof. Ivana Šverko, prof. Kažimir Hraste, 2008.



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ture. At the time, as preparations were under way for the Bologna Process, these syllabi were already undergoing the transformation from the pre-Bologna to the Bologna system, with the division into the Bachelor and Master study ensuing several years later. Therefore, firstly, we wanted to implement such a compatible syllabus and secondly, we believed that, since this was to be the second study of its kind in Croatia, its syllabus should not be identical to the one in Zagreb, but rather, retain a unique profile with regard to content, one that should be focussed on the specific phenomena of the Mediterranean. This is especially noticeable at the graduate study level, in the topics explored in graduate workshops. These are mostly topics related to building in coastal areas and historically significant environments, as well as to other specific features, natural and urban, of the area the in which our faculty is located.

**You were the vice-dean in those first years since the founding of the study. They were marked by the extraordinary energy, effort and enthusiasm of the study's founders, as well as of all of those who soon joined the faculty. What challenges did you face in that first, formative period of the study?**

TUŠEK: Our orientational focus was the establishment of a comprehensive study. Thus, in the beginning, before the implementation of the Bologna system, it was a combined study which lasted nine semesters and ended with a diploma. Afterwards, it was divided into an undergraduate (Bachelor) and a graduate (Master) study. Study combinations which would last only two or three years were not considered. Our stance was: we will either form a comprehensive study or none at all. That was our starting point. The key challenge in that sense was to secure the potential teaching staff. Through analysis, calls and contacts, we made sure that we had, from the very beginning, enough staff for the entire five years of the study, and that it consisted of authors with substantial architectural oeuvres and of professors with research specializations. We were lucky that these experts were extremely responsive to our invitations.

Studentska radionica / student workshop, Aachen, 2008.



PLEJIĆ: O vrsnosti nastavnog kadra okupljenog u tom trenutku ilustrativno govori činjenica da, kada arhitekt Ivan Rupnik 2010. objavljuje knjigu “Pheripheral Moment” u kojoj prezentira najistaknutije arhitektonske pojave proteklog desetljeća i analizira najzanimljivije primjere i prakse, piše zapravo o djelovanju nastavnika splitskog studija. Naime, u tom trenutku u Splitu su: Hrvoje Njirić, Saša Randić i Idis Turato, Lea Pelivan i Toma Plejić (STUDIO UP) te Saša Begović (3LHD). Uz, naravno, Nikolu Bašića, Ivu Letilović i niz drugih izuzetnih hrvatskih arhitekata.

TUŠEK: Uspjeli smo osigurati kvalitetne nastavnike zahvaljujući, naravno, i očekivanoj participaciji nastavnika s tadašnjeg studija građevinarstva, prvenstveno iz područja konstrukcija i ostalih područja građevinarstva koja se u okviru nastavnog plana obrađuju. Bitan naglasak bio je i na području zaštite graditeljskog naslijeđa, gdje smo se oslonili na tradiciju već postojećeg Mediteranskog centra za graditeljsko naslijeđe, kojeg je osnovao prof. Jerko Marasović, a čiju je tradiciju nastavila te i danas razvija kolegica Katja Marasović. Danas smo zahvalni i onim našim nastavnicima koji više nisu na studiju jer ih je put odveo negdje drugdje, što su dali svoj obol u tim prvim, osnivačkim godinama.

**Osim nastavnog aspekta, uz pok. prof. Ivanu Šverko, uspostavili ste znanstveni aspekt studija, koji ima fokus na temi lokalnog modernizma.**

TUŠEK: Što se tiče znanstvenog područja moglo bi se reći da je u startu situacija na tom polju bila teža; mladog znanstvenog kadra u početku nismo imali. Lakše je bilo posegnuti za projektantskim autoritetom koji se već formirao na arhitektonskoj sceni i uključiti u nastavu takoreći *gotovog čovjeka*. Na znanstvenom području trebalo je krenuti ispočetka. Prve mlade znanstvenike – tada su to bili znanstveni novaci – primili smo na znanstveni projekt koji se bavio istraživanjem splitske arhitekture 20. stoljeća. Taj je proces, od trenutka kada uzmete znanstvenog novaka do trenutka završetka doktorata i početka samostalnog znanstvenog rada, dugotrajan. U prosjeku traje desetak godina. Ipak, uspjeli smo formirati jednu grupu od nekolicine mladih ljudi koji su kroz rad na znanstvenom projektu uspješno doktorirali, uspostavili samostalnu znanstvenu produkciju i još uvijek su tu; prvotni cilj je time ispunjen i to je izuzetno bitno postignuće za fakultet. Naglasio bih da je za naš relativno mali broj istraživača i format studija, znanstvena istraživačka i izdavačka produkcija izuzetno široka.

PLEJIĆ: Izdavačka djelatnost uistinu jest nešto što karakterizira ovaj fakultet. Među publikacijama svakako treba izdvojiti arhitektonski vodič “Split: arhitektura 20. stoljeća”, koji je, kao produkt istraživanja provedenih u sklopu znanstvenog projekta, zapravo prva publikacija tog tipa u Hrvatskoj. Vodič se pokazao kao izvanredno koristan i dobro složen materijal koji skreće pažnju na arhitektonske vrijednosti lokalnog moderniteta. Na tu temu svakako se nadovezuje i serija pregleda arhitektonskih i urbanističkih natječaja u Splitu, kao i Leksikon moderne arhitekture kojeg iščekujemo. Međutim, ne samo kroz znanstvene publikacije, već i kroz stručne programe studij aktivno participira u podizanju svijesti o važnosti modernističke baštine. Primjer toga je serija stručnih predavanja “Misli o čuvanju moderne arhitekture” koje je pokrenula kolegica Branka Juras u Društvu arhitekata Splita, a veliki broj naših nastavnika u tome je sudjelovao.

PLEJIĆ: The quality of the teaching staff we had at the time is illustrated by the fact that, in 2010, when architect Ivan Rupnik published his book *Peripheral Moment*, in which he presented the most prominent architects of the previous decade and analysed the most interesting examples and practices, he was actually writing about the works of the teaching staff of the Split study. Namely, at that point, the teaching staff of the Split study included: Hrvoje Njirić, Saša Randić and Idis Turato, Lea Pelivan and Toma Plejić (STUDIO UP) and Saša Begović (3LHD). Of course, there were also Nikola Bašić, Iva Letilović and a number of other extraordinary Croatian architects.

TUŠEK: We have succeeded in contracting high-quality teaching staff also owing to the expected involvement of professors from what was then the study of Civil Engineering, mainly of those from the field of structures and other civil engineering fields covered by the syllabus. There was also special emphasis on the field of built heritage preservation, where we relied on the tradition of the already active Mediterranean Centre for Built Heritage. It was founded by Professor Jerko Marasović and its tradition was kept alive and developed by colleague Katja Marasović. Looking back, we are also thankful to the professors who, having followed a different path, no longer teach at the study, for their contribution during those first years of establishment.

**Apart from the teaching segment, together with the late Professor Ivana Šverko, you have also established the research segment of the study, focussed on local Modernism.**

TUŠEK: As far as the research segment was concerned, the starting situation was more difficult; at the beginning, we didn't have enough young research staff. It was easier to choose a leading figure already established on the architectural scene and thus get a ready-made professor, so to speak. In the research segment, we had to start from scratch. The first young researchers – they were junior researchers at the time – joined us on a research project which focussed on *Split architecture in the 20<sup>th</sup> century*. The process which lasts from the moment you take on a junior researcher until they complete their doctorate and begin an independent scientific career is lengthy. On average, it takes 10 years. Nevertheless, we managed to form a group of several young people who successfully obtained a doctor's degree on our research project, produced an independent scientific body of work and are still with us; our initial goal was therefore met, which is an extremely significant achievement for the Faculty. I would also like to point out that, considering the relatively small number of our researchers and the study format, our research and publishing output is extremely big.

PLEJIĆ: Our publishing activity really is something that's characteristic of us as a faculty. One of the publications that deserves special mention is the architectural guidebook *Split: 20<sup>th</sup> Century Architecture*, which came out of the research project and is actually one of the first publications of its kind in Croatia. The guidebook has proven to be an extremely useful and well-prepared resource which brings into focus the architectural values of local modernity. This topic was also covered in the series of reviews of architectural and urban-planning competi-

## Koje su specifičnosti splitskog studija? Zašto je splitski studij arhitekture dobar izbor za studiranje?

TUŠEK: Postoji dakako organizacijska specifičnost. Naime, studij je mali, s obzirom na broj kandidata koji upisuju prvu godinu – to je razlika u odnosu na spomenute škole na kojima su stotine studenata na prvoj godini. Mi smo počeli s 30 studenata, tijekom godina smo taj broj povećavali, sada smo na broju od 45 studenata koji upisuju 1. godinu preddiplomskog studija. Na diplomskom studiju imamo maksimalno 30 studenata na godini. Tako mali broj studenata omogućava da se radi u malim grupama, što stvara posebnu studijsku atmosferu. Mentorski kontakt ovdje je sigurno moguće realizirati na jedan intenzivniji i kvalitetniji način u odnosu na to kada bi se radilo u velikim grupama. Taj je neposredan odnos profesor – student, za razliku od drugih fakulteta gdje student rijetko ima tu privilegiju da komunicira s profesorom, činjenica koja doprinosi kvaliteti studija. S druge strane, ovakva veličina studija donosi i neke izazove u smislu pozicioniranja u širem, europskom kontekstu. Tim izazovima želimo doskočiti orijentacijom na međunarodne razmjene. Od početka smo sebi stavili u zadatak da pokušamo što prije stupiti u kontakt s pojedinim arhitektonskim školama u Europi, kako bi krenuli putem međunarodne razmjene u vidu zajedničkih radionica, zajedničkih sadržaja, programa i projekata. Na taj način smo se putem međunarodne suradnje uspjeli umrežiti u europski krug visokoškolskih ustanova odnosno srodnih fakulteta koji u poredbi s našim mladim studijem predstavljaju već etablirane škole jednog sasvim drugog formata.

### U ovih 15 godina tih je međunarodnih kontakata bilo uistinu mnogo...

TUŠEK: Prva značajna međunarodna razmjena bila je s ETH Zürichom. Arhitekt Kees Christiaanse dolazio je više godina s grupom studenata i radile su se zajedničke semestralne radionice. To je bila izvrsna suradnja. Nakon toga uslijedilo je niz kraćih međunarodnih studentskih radionica: radionica u suradnji s RWTH

tions in Split, as well as in the *Lexicon of Modern Architecture*, whose publication is also expected. The study actively participates in raising awareness about the importance of Modernist heritage not only through research publications, but also through expert programmes. An example of these is the series of expert lectures “Thoughts on the Preservation of Modern Architecture”, initiated by our colleague Branka Juras, in the Split Association of Architects, which has featured many professors from our faculty.

### What are the specific characteristics of the Split study? What makes the Split study of Architecture a good choice?

TUŠEK: It is, of course, specific with respect to organisation. Namely, the study is a small-format one, considering the number of candidates which enrol in the first year – this is the difference with respect to the mentioned schools, which have hundreds of students enrolled in the first year. We started with 30 students and, over the years, the number increased, up to, most recently, 45 students enrolled in the 1<sup>st</sup> year of the undergraduate study. On the graduate study, we have a maximum of 30 students enrolled in each year. Such a small number of students enables work in small groups, which accounts for a special atmosphere on the study. For one thing, contact with the mentors is certainly more intensive and of a better quality than it would be if classes were organised in large groups. One fact which contributes to the quality of the study is the close relationship between the professor and the student, as opposed to that on other faculties, where the student rarely has the privilege of communicating with the professor. On the other hand, this study format entails certain challenges with regard to its positioning in the wider, European context. We wish to overcome these challenges by adopting an orientation to international exchanges. From the beginning, we have made it our mission to connect, as soon as possible, with certain European schools of architecture, in order to participate in international exchanges in the form of joint workshops, manifestations, programmes and projects. In this way, through international collaboration, we succeeded in becoming part of a

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Studentska radionica / student workshop, “Marjan”, Split, 2011.



Studentska radionica / student workshop “The Split Case”, Split, 2011.



Arhitektonskim fakultetom u Aachenu 2008., zatim radionica u okviru 4. međunarodnog bijenala arhitekture u Rotterdamu na kojoj smo sudjelovali na poziv Berlage Instituta 2009., pa radionica u Winterthuru u organizaciji ZHAW Zürich 2010. godine...

PLEJIĆ: Iz mog prodekanskog mandata pamtim međunarodnu studentsku radionicu "Simetrije" u organizaciji ORIS-a na kojoj su naši studenti radili zajedno sa studentima madridskog ETSAM-a te radionicu "Density, Intensity, Resilience – The Split Case" u suradnji s dva fakulteta iz Tokya čije su studente doveli arhitekti Kengo Kuma i Darko Radović. U tim kontaktima naši su studenti dobili priliku odmjeriti se sa svojim kolegama iz inozemstva i bili su vrlo uspješni u tome. Potonja radionica popraćena je knjigom, organizirana je i izložba, a izabrana skica sa radionice našla se i na naslovnici časopisa *Kulturna baština*.

KUZMANIĆ: Također, s ciljem da se međunarodni kontakti intenziviraju uspostavljena je i godišnja konferencija SplitTalks. Ta konferencija ima višestruki modalitet: ona je istovremeno javni stručni program s godišnjom tematskom odrednicom u kojem međunarodni stručnjaci sudjeluju kao gosti predavači, te međunarodna studentska radionica unutar koje odrađujemo semestralni zadatak Diplomskog studija 3. Teme kojima smo se dosada bavili u sklopu te konferencije bili su "Overcoming Tourism" u suradnji s TU Delft i "Brownfields" u suradnji s ljubljanskim i zagrebačkim fakultetom. Tema ovogodišnje SplitTalks konferencije je "Retro-perspectives" i bavit ćemo se različitim pristupima revitalizaciji graditeljske baštine.

**Ipak, iako su takve međunarodne suradnje uistinu dragocjene i strateški važne za naš studij, one su najčešće plod samoinicijativa naših nastavnika i njihovog entuzijazma. Ne postoji jasno uspostavljeni institucionalni okvir koji ih potiče, niti u financijskom smislu podržava, pa smo od nekih suradnji morali i odustati...**

PLEJIĆ: Nažalost, to je istina i taj problem se više puta pojavio. Ipak, postoje modeli suradnje na institucionalnoj razini s kojima se može doskočiti i tom problemu. Prvenstveno tu mislim na europske projekte u kojima naš studij sudjeluje.

Terenska nastava / Field study, Kaštela, 2015.



network of European higher education institutions, that is, of similar colleges, which, in comparison with our young study, stand as already established schools of an entirely different format.

**There have indeed been many such instances of international contact in the past fifteen years...**

TUŠEK: Our first major international exchange was with ETH Zürich. For a number of years, architect Kees Christiaanse would come with a group of students to participate in joint semestral workshops. That was an excellent collaboration. After that, a number of shorter international student workshops followed: a workshop in collaboration with the RWTH Faculty of Architecture in Aachen in 2008, followed by a workshop at the 4<sup>th</sup> International Architecture Biennale in Rotterdam, in which we participated in 2009 at the invitation of the Berlage Institute, then workshop in Winterthur organised by ZHAW Zürich in 2010...

PLEJIĆ: From my term as vice-dean, I remember the international student workshop "Symmetries" organised by the Oris House of Architecture, at which our students collaborated with students from the Superior Technical School of Architecture of Madrid, and the workshop "Density, Intensity, Resilience – The Split Case", realised in cooperation with two faculties from Tokyo, whose students were brought by architects Kengo Kuma and Darko Radović. Through these contacts, our students got a chance to test their abilities against those of their colleagues from abroad and proved very successful. The latter workshop was accompanied by a book and an exhibition. A sketch from the workshop also made its way to the cover of the magazine *Kulturna baština* ("Cultural Heritage").

KUZMANIĆ: Furthermore, with the aim of intensifying international contacts, we launched the annual SplitTalks conference. The conferences is multimodal: it is simultaneously an expert programme with an annual theme, open to the public and featuring international experts as guest lecturers, and an international student workshop, as part of which our students complete their semestral assignments for the course Graduate Design Studio 3. The previous conferences were titled "Overcoming Tourism", realised in cooperation with the Delft University of Technology, and "Brownfields", realised in cooperation with the Ljubljana and Zagreb faculties of architecture. The subject of this year's SplitTalks conference is "Retro-perspectives", which means that it will deal with with different approaches to the revitalisation of built heritage.

**Nevertheless, although such international collaborations are truly valuable and strategically important for our study, they are usually the fruit of our teaching staff's own initiative and enthusiasm. There is no distinct institutional framework which would encourage or financially support them, which is why some of them had to be dropped...**

PLEJIĆ: Unfortunately, this is true, and the problem has emerged several times. However, there are models of cooperation at the institutional level which can



Tempus projekt SEHSI je završen, putem njega je uspostavljena suradnja između 21 sveučilišta i institucija iz čak devet zemalja. Suradnja s arhitektonskim fakultetom u Ljubljani i Tehničkim fakultetom u Beču koja je na tom projektu uspostavljena, dalje je nastavljena kroz projekt MEMUD koji razvija koncept zajedničkog diplomskog studija. Takvi oblici institucionalne suradnje su budućnost.

**Koliko je u ovih 15 godina studij uspio profilirati svoj identitet? Može li se govoriti o “splitskoj školi arhitekture” u smislu edukacijskih pristupa, posebnih znanja ili eventualnih formalnih rezultata koji bi opravdali takav termin?**

KUZMANIĆ: Za mene, termin “splitska škola” postoji u naslijeđu arhitekata koji su radili na ovim prostorima: Ive Radića, Frane Gotovca, Lovre Perkovića, Stanka Fabrisa, Ivana Vitića, i drugih, posebno u domeni stanogradnje. Tradicija gradnje u Dalmaciji, kroz povijest teških ekonomskih prilika i ograničenja, obilježena je crtom racionalnosti i pragmatičnosti, istom crtom koja se vidi u, primjerice, arhitekturi Ive Radića. Ta svrhovita racionalnost, uz poseban odnos prema tektonici, evidentna je u mnogim opusima modernih splitskih arhitekata. To je naslijeđe kojeg treba biti svjestan i koje daje temelje našoj školi. Iako, u današnjem trenutku, skeptičan sam uopće prema tom terminu “škola”. Kroz povijest, da, postojale su određene arhitektonske škole kao mjesta, žarišta, razmjene specifičnih arhitektonskih znanja i metoda, ali danas, uz informatičku tehnologiju, granice i ne postoje, razmjena informacija i znanja događa se izvan škole. U svakom slučaju, mislim da je teško nakon tek 15 godina postojanja govoriti o “školi”. Tek kada naši studenti ostvare značajnije arhitektonske opuse, tad ćemo – možda – moći govoriti o “splitskoj školi”.

**U ovih 15 godina od osnivanja studija mnogo toga se promijenilo unutar arhitektonske prakse i diskursa. Što to znači za edukaciju generalno, a što u našim specifičnim okvirima i prilikama? Što je ključni aspekt edukacije danas?**

KUZMANIĆ: Rasprava o edukaciji danas neodvojiva je od rasprave o sadašnjoj poziciji arhitekture i urbanizma. A ta je pozicija iz dana u dan sve gora. Arhitekti su već odavno isključeni iz procesa odlučivanja. Nestali su urbanistički zavodi i instituti. Prestali smo biti relevantni sugovornici kod donošenja odluka o prostoru. Politika nas ne treba. Pa čak i u praktičnoj domeni gradnje, malo po malo, iz ruku arhitekta ispuštaju se bitni dijelovi procesa: troškovnike arhitekti sve manje rade, fiziku zgrade rade građevinari, a prema novim izmjenama i dopunama Zakona o gradnji ostat ćemo i bez izvedbenog projekta...

PLEJIĆ: Na poziciju arhitektonske struke u posljednjih deset godina snažno je utjecala gospodarska kriza. Jedan vrlo vitalan arhitektonski period na početku tisućljeća, 2008. godine je zamijenjen razdobljem stagnacije i nemogućnosti ostvarivanja kreativnih ambicija u profesionalnom radu. Danas, iako je ekonomska kriza donekle iza nas, kriza arhitekture se nastavlja kroz negativne prilagodbe koje su tada napravljene. Tu prvenstveno mislim na promjene koje je doživio

solve it. I'm primarily referring to the European projects in which our study participates. Through the now completed SEHSI Tempus project, collaboration was established between 21 universities and institutions from no less than 9 countries. The collaboration with the Ljubljana Faculty of Architecture and the Vienna University of Technology established within this project has continued through the MEMUD project, which develops the concept of a joint graduate degree programme. Such forms of institutional collaboration are the future.

**In the past fifteen years, how much did the study succeed in defining its identity? Can we talk about the “Split school of architecture” in terms of educational approaches, special skills or official results which would justify such a term?**

KUZMANIĆ: For me, the term “Split school” exists with regard to the heritage of the architects who worked in this area: Ivo Radić, Frane Gotovac, Lovro Perković, Stanko Fabris, Ivan Vitić and others, especially in the field of housing. Considering its history of difficult economic circumstances and limitations, the Dalmatian building tradition displays a rational and pragmatic streak, the same one visible in, for example, the architecture of Ivo Radić. This deliberate rationality, along with a special relation towards tectonics, is evident in the oeuvres of many modern Split architects. It is a heritage which one must be aware of and which provides the conceptual foundations for our school. Although, I am currently skeptical of the term “school”. While it is true that, throughout history, there were certain architectural schools as the points, focuses, of the exchange of specific architectural knowledge and methods, today, with the deletion of boundaries that information technology has brought, the exchange of information and knowledge happens outside of schools. In any case, I think we can hardly talk about a school after only 15 years of existence. Only when our students realise a substantial body of work, only then will we perhaps be able to talk about a “Split school”.

**In the 15 years since the study was founded, a lot has changed within the architectural practice and discourse. What does that mean for education in general and for our particular framework and circumstances? What is the central aspect of education today?**

KUZMANIĆ: The discussion of education is inseparable from that of the position of architecture and urban planning today. And this position gets worse each day. Architects have long been excluded from decision-making processes. City planning authorities and urban development institutes have ceased to exist. We are no longer relevant parties to the processes of making decisions about space. Politics has no need for us. Even in the practical domain of construction, little by little, architects are dropped from the important stages of the process: the preparation of bill of quantities is less and less left to architects, building physics has become the domain of civil engineers, and according to the new amendments to the Building Code, architects are no longer needed even for the execution project...

instrument javnog natječaja. Javne natječaje više ne provode samo nepristrane strukovne organizacije nego i pojedini projektantski uredi, a članovi ocjenjivačkog suda često nemaju stručne kompetencije koje bi trebali imati, što cijeli proces čini netransparentnim i bez garancije da će najkvalitetniji projekt biti odbran, ili da će javni interes biti zaštićen. E sad, kako se ta kriza struke može nadići, nije lako pitanje...

KEZIĆ: Frampton je negdje napisao da arhitekt treba stalno izmišljati nove strategije, djelovati gerilski. Danas se definitivno ne možemo ponašati kao pionirska generacija arhitekata koja je pokrivala sve dijelove procesa gradnje. Nije tada bilo ni fizike zgrade, ni požara, ni svih ostalih specijalnosti u gradnji, odnosno, proizvodnji kuća. Arhitekt to danas ne može sve znati, no mora moći koordinirati i kontrolirati proces, i to je ključna tema edukacije danas – multidisciplinarnost. Sposobnost rješavanja kompleksnih multidisciplinarnih situacija je ono što bi studenti trebali naučiti. Kreativnost se u principu ne može naučiti, ili je imaš ili nemaš, iako se nekim metodama može potaknuti. Ali funkcioniranje u ovom specifičnom sustavu multidisciplinarnosti je nešto što se može istrenirati. Ta vještina u sagledavanju šire slike čini mi se ključna da na kraju realiziraš što si zamislio, bez velikih kompromisa. Sve zapreke u rješavanju konstrukcije, fizike zgrade ili primjerice, zadovoljenju protupožarnih uvjeta, mogu uvelike zablokirati koncept i s tim se treba znati nositi. Studente učimo tom procesu kroz simuliranje takvih situacija na projektantskim radionicama. Na primjer, na Radionici arhitektonskog projektiranja 4 – Završni rad dovodimo konzultante, simuliramo rad u birou i studente dovodimo u situacije u kojima se potiču da kreativno sudjeluju u iznalaženju rješenja za različite probleme.

KUZMANIĆ: Kreativnost se ne može naučiti, iako mi se čini da u edukaciji ponekad toliko inzistiramo na umjetničkoj kreativnosti da zanemarujemo druge aspekte struke. No, cilj edukacije nije iznjedrati arhitektonskog genija. Pitam se koliko je izuzetnom talentu edukacija uopće neophodna, imajući u vidu da su neki od najznačajnijih arhitekata bili autodidakti. Svi smo mi, na neki način, autodidakti. Edukacija mora podizati prosjek arhitektonske produkcije, našem društvu trebaju ljudi koji posao znaju odradivati od početka do kraja. U tom smislu inženjerska dionica nije nevažna, uostalom cijela arhitektura napreduje na tehnologiji i konstrukciji. Na tome još moramo raditi...

KEZIĆ: U tom smislu, moramo bolje iskoristiti činjenicu da u okviru fakulteta funkcioniramo s još dva tehnička studija. Dijelom je ključ u integraciji sadržaja, a dijelom u inzistiranju da se na svim kolegijima teži višem nivou dorade. Studenti brzo steknu vještine postavljanja i obrazlaganja arhitektonskih koncepata, no tehnička razrada i artikulacija često nisu na istom nivou. Pamtim trenutak prije nekoliko godina, nakon što smo kolega Nikola Popić i ja reorganizirali model rada na Radionici arhitektonskog projektiranja 4 – Završni rad, kada smo primijetili da su studenti, nakon što su završili fazu idejnog projekta i počeli razrađivati i rješavati detalje izvedbenog dijela, shvatili da je to isto dio kreativnog procesa i počeli su uživati u tome. Pojmili su da svaka odluka, makar trivijalna poput one da li je vijak ravni ili križni, također može biti kreativna. Nastojimo taj izvedbeni, a kako kaže prof. Popić – i najljepši – dio projekta, učiniti intrigantnim.

GODIŠNJAK STUDIJA ARHITEKTURE I URBANIZMA 2017/18.

STUDY OF ARCHITECTURE AND URBAN PLANNING YEARBOOK 2017/18

PLEJIĆ: In the last decade, the status of the architectural profession was seriously affected by the economic crisis. In 2008, a very vibrant period in architecture at the start of the millennium was replaced by a period of stagnation and inability of realising creative ambitions in professional practice. Today, although the economic crisis is to some degree over, the crisis of architecture continues, through the negative adjustments which were made then. Here, I am primarily referring to the changes made to the instrument of architecture competitions. Competition procedures are no longer carried out exclusively by impartial professional organisations, but also by individual design offices, and the members of the adjudicating panels often do not possess the necessary professional competences, which makes the entire procedure non-transparent and without guarantee that the best project will be chosen or that the public interest will be protected. How to resolve this professional crisis is no easy question...

KEZIĆ: Frampton once wrote that the architect needs to constantly invent new strategies and act in a guerilla manner. Today, we definitely cannot behave like the pioneer generation of architects who controlled all the stages of the construction process. There was no building physics or fire protection then, nor any of the other special fields in construction, i.e. house production. Today, even though an architect cannot be an expert in all of these fields, he must learn to coordinate and control the process. This is the crucial theme of education today – multidisciplinary. The ability of solving complex multidisciplinary situations is what the students should acquire. Generally speaking, creativity is not something you can learn, you either have it or you don't, although it can be stimulated in certain ways. However, functioning within this particular system of multidisciplinary is something you can train. This ability of seeing the big picture seems crucial to me in realising one's ideas, without making too many compromises. Any problems that may arise with regard to structure, building physics or, for example, meeting fire-protection requirements can considerably hamper the realisation of a concept and one must learn to deal with this. We try to teach this process to students by simulating the mentioned difficulties in our design workshops. For example, in the course Architectural Design Workshop 4 – Final

Studentska radionica "Arhitektura Agrikultura" / student workshop, "Architecture Agriculture", Zadar, 2015.



**Osim tog inženjerskog aspekta, za koji se slažete da ga treba intenzivnije poticati, koje druge aspekte discipline i modele edukacije bi trebali u budućnosti razvijati na našem studiju? Je li studij dovoljno fleksibilan da odgovori na izazove koji se stalno mijenjaju?**

KUZMANIĆ: Teško je govoriti o razvoju i budućnosti studija dok se ne uspostavi model financiranja koji će omogućiti razvoj vannastavnih programa, međunarodne suradnje, dolaske gostujućih predavača i nastavnika... Ipak, izdvojio bih dvije teme koje trebamo intenzivnije integrirati u naš nastavni program. Prva je tema održivost, i tu je već je osmišljen program za budući interdisciplinarni Diplomski studij održive i zelene gradnje. Iako nisam siguran da je neophodno imati zasebni studij koji bi se bavio temom održivosti, svakako bi neke segmente tog programa trebalo integrirati u postojeći program. Mediteran je odlično mjesto za promišljanje održivosti; kad smo bili u studijskom posjetu u Njemačkoj, rekli su nam: "Zašto dolazite učiti od nas – mi smo o održivoj gradnji sve naučili od Mediterana!" Druga ključna tema je urbanizam, i na tom tragu ove smo godine proveli promjenjenu nastavni program u kojima smo snažno povećali tu urbanističku dionicu.

PLEJIĆ: Sve teme već započete na ovom studiju treba dalje nastaviti razvijati, posebno institucionalne modele međunarodne suradnje. Tu je i nerealizirana ideja studija na engleskom, od koje ne treba odustati. Možda samo za taj studij treba tražiti nešto drugačiji format od onog koji smo prvotno zamislili. Odgovor na pitanje koliko je naš studij fleksibilan leži, međutim, ne toliko u promjenama studijskih programa, već u promjenama koje kontinuirano unose ljudi koji ovdje rade. Svi voditelji projektantskih radionica na našem studiju su kroz svoj svakodnevni profesionalni rad intenzivno uključeni u sve izazove aktualne arhitektonske prakse i diskursa, neki od njih imaju i vrlo značajna inozemna iskustva u edukaciji, pa kroz teme, zadatke te istraživanja koje oblikuju i potiču u nastavi mogu vrlo brzo problematizirati i reagirati na aktualna arhitektonska pitanja i teme.

KEZIĆ: Znanje BIM-a je danas nešto što se podrazumijeva da mladi arhitekti imaju, i mi bi im kroz studij ta znanja trebali pružiti. Vjerujem se da će naš budući Laboratorij za implementaciju suvremenih tehnologija u arhitekturi učiniti snažan edukacijski pomak u aspektu tehnologije. Što se fleksibilnosti tiče, čini mi se da su unutarnji procesi i politike cijelog našeg visokoškolskog sustava obrazovanja

GODIŠNIAK STUDIJA ARHITEKTURE I URBANIZMA 2017/18.

STUDY OF ARCHITECTURE AND URBAN PLANNING YEARBOOK 2017/18

Work, we arrange visits by consultants, simulate work in a design office and put students in situations which encourage them to creatively participate in finding solutions to various problems.

KUZMANIĆ: It is true that creativity can't be learned, although it seems to me that, in education, we sometimes insist so much on artistic creativity that we neglect the other aspects of our profession. Still, the purpose of education is not to produce an architectural genius. I wonder whether extraordinary talent needs education at all, considering that some of the best known architects were autodidacts. All of us, are, in a way, autodidacts. Education must raise the bar for architectural production, our society needs people who can do a project from beginning to end. In this sense, the engineering part is not insignificant, after all, architecture is making advances in the fields of technology and construction. We still have work to do in that segment...

KEZIĆ: With regard to this, we have to make better use of the fact that the Faculty offers two other technical studies. The solution is partly in integrating course contents, and partly in insisting that all courses strive towards a higher level of practical skill. Although students quickly acquire the skill of using and explaining architectural concepts, they are often not on the same level with regard to their technical elaboration and articulation. I remember when, several years ago, my colleague Nikola Popić and I reorganised the work model on the Architectural Design Workshop 4 – Final Work. We noticed that the students, after they completed the preliminary design phase and started working on the details of the executive project, realised that that was also a part of the creative process and started enjoying it. They understood that every decision, even a trivial one such as whether to use a flat-head or a cross-head screw, can be creative. We are trying to make this working design part – the best part, according to Professor Popić – interesting.

**Apart from the engineering aspect, which you agree should be more intensely encouraged, which other field-related aspects and education models should be developed in the future on our study? Is the study flexible enough to respond to the constantly changing challenges?**

KUZMANIĆ: It will be hard to talk about the development and future of the study if a financing model isn't set up to enable the development of extracurricular programmes, international collaboration, visits of guest lecturers and professors... Nevertheless, I would single out two topics which need to be better integrated into our syllabus. The first topic is sustainability, and with regard to that, we have already designed programmes for the future interdisciplinary Graduate Study of Sustainable and Green Construction. Although I am not sure that it's necessary to have a separate study centred around the topic of sustainability, some segments of such a programme should be integrated into the existing syllabus. The Mediterranean is an excellent place for considering sustainability; when we were on an exchange visit in Germany, our hosts said to us: "Why would you come to learn from us – all we know about sustainable construction, we learned from the

Otvorene izložbe studentskih radova / Student works exhibition opening, 2015.



suviše spori da bi omogućavali fleksibilnost samog studija. Da bi studij odgovarao na izazove koji se mijenjaju ključna je fluktuacija nastavnika i konstantno uključivanje novih ljudi. Možda se rješenje može tražiti kroz model gostujućih nastavnika, koji mnogi strani fakulteti imaju, a tu se opet vraćamo na pitanje financiranja...

TUŠEK: Studij jest fleksibilan, što je još jedna prednost njegove veličine. Od osnutka proveli smo četiri izmjene studijskog programa, uključujući ovu zadnju u kojoj je provedeno nekoliko strukturnih promjena i uveden niz novih kolegija. No, bez obzira na promjene, mislim da je univerzalna tema arhitektonske edukacije potaknuti studente da maksimalno razviju svoje osobne kreativne potencijale, ali i da postanu odgovorni. Odgovornost je svakako nešto što se potencira jer mi smo kao arhitekti uvijek prozvani za materijalno stanje u prostoru i ta uloga je nekad u praksi banalizirana, ali je vrlo važna. Balansiranje između slobode kreativnosti i odgovornosti prema prostoru je konstanta u svakom obrazovnom procesu arhitekata i mislim da na tome i dalje treba inzistirati. To je visoko postavljen zadatak, ali prioritetan.

RAZGOVARALE:  
Sanja Matijević Barčot  
Ana Grgić

Gostujuće predavanje / Guest lecture, Studio 3LHD, 2010.



Mediterranean!". The second crucial topic is urban planning, and this year, with a view to that topic, we amended the syllabus so as to include much more content related to urban planning.

PLEJIĆ: All the topics broached during the study need to be developed further, especially the institutional models of international collaboration. There is also the never realised idea of a study in English, which should not be abandoned. Perhaps the solution for that study is a somewhat different format than the one we had originally envisaged. However, the answer to the question of how flexible our study is lies not so much in amendments to the syllabi, as in the changes continuously introduced by the people who work here. All the supervisors of design studio courses workshops on our study are, through their daily professional activities, deeply involved in all the challenges of the current architectural practice and discourse and some of them also have significant experience in education abroad. Through the topics, assignments and research which they shape and promote in teaching, they are able to problematise current architectural issues and topics and quickly respond to them.

KEZIĆ: BIM (Building Information Modelling) skills are something young architects are expected to have nowadays, and our study should equip them with these skills. I believe that our Laboratory for the Implementation of Modern Technologies in Architecture will make significant educational progress from the point of view of technology. As regards flexibility, it seems to me that the internal processes and policies of our entire higher-education system are too slow to enable the flexibility of the study. For the study to be able to address the ever-changing challenges, there must be fluctuation of its teaching staff and a continuous involvement of new people. Maybe the solution is to implement a model based on visiting professors, which many foreign faculties have, and this takes us back to the issue of financing...

TUŠEK: The study is flexible, which is yet another advantage of its format. Since its founding, we have implemented four amendments to the syllabus, including the most recent ones, which provide for several structural changes and introduce a number of new courses. However, regardless of the changes, I believe that the universal theme of architectural education is encouraging the students to develop their personal creative potential to the maximum, as well as to become responsible. Responsibility is certainly something which is emphasized because, as architects, we are always the first on the line to answer for the material conditions within a space. This role, although sometimes banalised in practice, is very important. Balancing between creative freedom and responsibility towards space is a constant in every educational process of an architect and I think that it is something to be further insisted upon. It is an ambitious agenda, but also a priority.

INTERVIEWED BY:  
Sanja Matijević Barčot  
Ana Grgić





ESTE  
ZNA?

ERISTIL

ESTE  
ZNA?

OKVE

Dajte mi le vazio hodi

ESTE  
ZNA?

ZAPADNA  
OBALA

ESTE  
ZNA?

Semafor

Seme bez dileme!

Mala  
Kynara  
C. Sodna  
Index



LJETOPIS  
2017./18.

ALMANAC  
2017/18



**2. 10. 2017.**

započela nastava za sva godišta studija u akad. god. 2017./18.

**23. 10. 2017.**

konferencija SplitTALKS 2017

**25. 10. 2017.**

Velika nagrada Zagrebačkog salona dodijeljena je doc. Dinku Peračiću za projekt nove zgrade Muzeja moderne i suvremene umjetnosti u Rijeci te za hrvatski nastup na 15. venecijanskom bijenalu (s Mirandom Veljačić, Slavenom Toljem i Eminom Višnić)

1. sjednica Fakultetskog vijeća  
\* senat potvrdio izbor prof. Nene Kezića u umjetničko-nastavno zvanje redoviti profesor-trajno zvanje  
\* senat potvrdio donošenje izmjena i dopuna studijskog programa Diplomskog sveučilišnog studija Arhitektura i urbanizam

**26. 10. 2017.**

SASO Dan arhitekata; prof. Neno Kezić, prof. Ante Kuzmanić, izv. prof. dr. sc. Robert Plejić s FGAG-a sudjelovali su u raspravi okruglog stola o temi "Tradicija gradnje nebodera u Splitu"

**3. 11. 2017.**

međunarodna studentska radionica  
"Ex-Jugovinil"

**18. 11. 2017.**

međunarodni arhitektonski simpozij Piranski dani arhitekture

\* u konkurenciji za studentsku nagradu Piranesi sa splitskog Studija arhitekture i urbanizma prema izboru prof. Nene Kezića sudjelovali su Dino Perčić s radom "noviKo(n)teks(t), Komplex Koteks-Gripe" i Dušan Đurović s radom "TEF 2.0"

**20. 11. 2017.**

doc. dr. sc. Hrvoju Bartuloviću, doc. dr. sc. Ani Grgić, Ani Jeličić. prof. dr. sc. Dušanu Marušiću, doc. dr. sc. Sanji Matijević Barčot, Marku Mimici, doc.dr.sc. Dujmu Žižiću, prof. dr. sc. Borisu Trogrliću dodijeljena priznanja za izradu Strategije razvoja urbane aglomeracije Split

**29. 11. 2017.**

2. sjednica Fakultetskog vijeća  
\* Saša Begović, dipl.ing. arh. izabran u naslovno umjetničko-nastavno zvanje izvanredni profesor za područje Umjetnosti, polje likovne umjetnosti (vanjska suradnja)

**19. 12. 2017.**

otvaranje izložbe "koFAKTOR.raw" uz predavanje Dujma Ivaniševića

**20. 12. 2017.**

3. sjednica Fakultetskog vijeća

**22. 12. 2017.**

svečana sjednica Fakultetskog vijeća  
\* nagrada "Ivana Šverko" dodijeljena studentici Dori Stupalo  
\* dodijeljene nagrade Dekana; na preddiplomskom studiju Arhitektura i urbanizam nagrade su dobili: Petra Kerum (1. godina), Mislav Krajina (2. godina), Stjepan Pleić (3. godina), a na diplomskom studiju Marin Petković (1. godina) i Hana Paleka (2. godina)

**25. 1. – 3. 2. 2018.**

završne prezentacije studentskih radova na projektantskim radionicama u zimskom semestru; kao gosti kritičari sudjelovali su: doc. dr. sc. Ana Šverko, Karlo Kazinoti, Mišo Komenda (Arhitektonska prezentacija); Miro Gavran, prof. dr. sc. Krunoslav Šmit,

prof. Helena Paver Njirić, Željka Perković, Mladen Mikočević, Vinko Grgić (Diplomski studio 1); Tomislav Nejašmić, Luči Plosnić (Radionica arhitektonskog projektiranja 1); prof. dr. sc. Idis Turato, doc. dr. sc. Mia Roth-Čerina, pred. Maroje Mrduljaš (Radionica arhitektonskog projektiranja 3)

**31. 1. 2018.**

4. sjednica Fakultetskog vijeća

**2. 2. 2018.**

javna prezentacija studentskih radova za projekt izgradnje nastavno-školske dvorane gimnazije Nova Gradiška u gradskoj vijećnici Grada Nova Gradiška

**6. 2. 2018.**

održane obrane diplomskih radova

**28. 2. 2018.**

5. sjednica Fakultetskog vijeća  
\* Bruno Bartulović, mag. ing. arh. izabran u suradničko zvanje asistent na Katedri za zgradarstvo

**3. 3. 2018.**

otvorenje izložbe radova studentske radionice "Solín – grad na moru" u Domu kulture Zvonimir u Solinu

**6. – 8. 3. 2018.**

nakon višemjesečnih priprema provedena je reakreditacija Fakulteta od strane stručnog povjerenstva imenovanog od Agencije za znanost i visoko obrazovanje

**10. 3. 2018.**

održana svečana promocija 39 novih sveučilišnih prvostupnika inženjera arhitekture i urbanizma te 31 magistra inženjera arhitekture i urbanizma

**2<sup>nd</sup> October 2017**

Classes began for all students enrolled in the academic year 2017/18.

**23<sup>rd</sup> October 2017**

The SplitTALKS 2017 conference held.

**25<sup>th</sup> October 2017**

The Grand Prix prize of the Zagreb Salon awarded to Assistant Professor Dinko Peračić for the design of the new building of the Museum of Modern and Contemporary Art in Rijeka and for representing Croatia at the 15<sup>th</sup> Venice Biennale (with Miranda Veljačić, Slaven Tolj and Emina Višnić).

1<sup>st</sup> session of the Faculty Council

\* The Senate confirmed the conferral of the artistic and academic title of Full Professor – tenure on Professor Neno Kezić.

\* The senate confirmed the adoption of amendments to the syllabus of the graduate academic study of Architecture and Urban Planning.

**26<sup>th</sup> October 2017**

SASO Architects' Day; Professor Neno Kezić, Professor Ante Kuzmanić, Associate Professor Robert Plejić, PhD, from the Faculty of Civil Engineering, Architecture and Geodesy participated in a roundtable discussion on the topic "Skyscraper Building Tradition in Split".

**3<sup>rd</sup> November 2017**

International student workshop "Ex-Jugovinil" held.

**18<sup>th</sup> November 2017**

The 35<sup>th</sup> Piran Days of Architecture international architectural conference held.

\* Based on the selection of Professor Neno Kezić, the nominees for the Piranesi

student award from the study of Architecture and Urban Planning in Split were Dino Perčić with the project "noviKo(n)teks(t), Komplex Koteks-Gripe" and Dušan Đurović with the project "TEF 2.0".

**20<sup>th</sup> November 2017**

Assistant Professor Hrvoje Bartulović, PhD, Assistant Professor Ana Grgić, PhD, Ana Jeličić, Professor Dušan Marušić, PhD, Assistant Professor Sanja Matijević Barčot, PhD, Marko Mimica, Assistant Professor Dujam Žižić, PhD, Professor Boris Trogrlić, PhD, received awards for developing the Strategy of the Split Urban Agglomeration Development.

**29<sup>th</sup> November 2017**

2<sup>nd</sup> session of the Faculty Council  
\* The artistic and academic title of Associate Professor conferred on Saša Begović, Master of Architecture, in the discipline of Arts, subdiscipline of Visual Arts (External Associate).

**19<sup>th</sup> December 2017**

The "koFAKTOR.raw" exhibition opened with a lecture by Dujam Ivanišević.

**20<sup>th</sup> December 2017**

3<sup>rd</sup> session of the Faculty Council

**22<sup>nd</sup> December 2017**

Formal session of the Faculty Council;  
\* The "Ivana Šverko" award presented to student Dora Stupalo.  
\* The presentation of the Dean's Awards; the awards were presented to the following undergraduate students of Architecture and Urban Planning: Petra Kerum (1<sup>st</sup> year),

Mislav Krajina (2<sup>nd</sup> year), Stjepan Pleić (3<sup>rd</sup> year). The graduate students of Architecture and Urban Planning presented with the awards were Marin Petković (1<sup>st</sup> year) and Hana Paleka (2<sup>nd</sup> year).

**25<sup>th</sup> January – 3<sup>rd</sup> February 2018**

Final presentations of students' projects developed in design workshops during the winter semester; the following guest critics participated: Assistant Professor Ana Šverko, PhD, Karlo Kazinoti, Mišo Komenda (Architectural Presentation); Miro Gavran, Professor Krunoslav Šmit, PhD, Professor Helena Paver Njirić, Željka Perković, Mladen Mikočević, Vinko Grgić (Graduate Design Studio 1); Tomislav Nejašmić, Luči Plosnić (Architectural Design Workshop 1); Professor Idis Turato, PhD, Assistant Professor Mia Roth-Čerina, PhD, Lecturer Maroje Mrduljaš (Architectural Design Workshop 3).

**31<sup>st</sup> January 2018**

4<sup>th</sup> session of the Faculty Council

**2<sup>nd</sup> February 2018**

Public presentation of student projects for the sports hall of the Nova Gradiška High School held in the Nova Gradiška City Hall.

**6<sup>th</sup> February 2018**

Master theses defended.

**28<sup>th</sup> February 2018**

5<sup>th</sup> session of the Faculty Council  
\* The title of Teaching Assistant at the Chair of Building Construction conferred on Bruno Bartulović, M. Arch.

**22.3.2018.**

uručene nagrade za najbolja arhitektonska ostvarenja u 2017. godini; nagradu Bernardo Bernardi podijelili su nastavnici splitskog Studija arhitekture i urbanizma Iva Letilović (s Igorom Pedišićem i Vladimirom Konačarom) za Mali arsenal, centar za posjetitelje HERA u Zadru i Dinko Peračić za Muzej moderne i suvremene umjetnosti u Rijeci – u nastajanju

**4. 4. 2018.**

6. sjednica Fakultetskog vijeća \* Jere Kuzmanić, mag. ing. arh. izabire se na radno mjesto u suradničkom zvanju asistent na Katedri za urbanizam

**11. 4. 2018.**

arhitekt Debashis Sanyal, izvanredni profesor na Studiju arhitekture Nacionalnog instituta za tehnologiju, Raipur, Indija održao predavanje pod nazivom “Super tall housing”

**17. 4. – 29. 6. 2018.**

manifestacija “50 godina Splita 3 - Ulice, kvartovi, stanovnici”

**25. 4. 2018.**

7. sjednica Fakultetskog vijeća \* Izv. prof. Nikša Jajac izabran za dekana FGAG-a za mandatno razdoblje 2018./19. – 2020./2021.

**4. 5. 2018.**

na sjednici Vlade Republike Hrvatske u Splitu potpisan Ugovor o dodjeli bespovratnih sredstava za provedbu projekta “Implementacija suvremene znanstvenoistraživačke infrastrukture na Fakultetu građevinarstva, arhitekture i geodezije u Splitu do pametne specijalizacije u zelenoj i energetske učinkovitoj gradnji” (INFRA FGAG) u sklopu kojeg se očekuje realizacija Laboratorija za implementaciju suvremenih tehnologija u arhitekturi

**23. 5. 2018.**

8. sjednica Fakultetskog vijeća

**4. – 5. 6. 2018.**

koordinacijski sastanak međunarodnog MEMUD projekta održan u u Beču

**18. – 21. 6. 2018.**

završne prezentacije studentskih radova na projektantskim radionicama u zimskom semestru; kao gosti kritičari sudjelovali su: Luka Cvitan, Antonia Vuletić (Osnove arhitektonskog projektiranja 2); Leo Modrčin (Radionica arhitektonskog projektiranja 2); prof. Neno Kezić, Zrinka Visković, Dujam Ivanišević, prof. Nikola Popić (Diplomski studio 2)

**20. 6. 2018.**

9. sjednica Fakultetskog vijeća \* dr. sc. Vesna Perković Jović izabrana na radno mjesto u znanstveno-nastavnom zvanju izvanredni profesor na Katedri za zgradarstvo

**28. – 29. 6. 2018.**

održane obrane diplomskih radova

**28. 6. 2018.**

otvorena godišnja izložba studentskih radova

**18. 7. 2018.**

10. sjednica Fakultetskog vijeća

**3. – 7. 9. 2018.**

u sklopu programa Ljetne škole FGAG-a održana radionica Split “SplitLab. Designing for Productive City” pod vodstvom doc. dr. sc. Ane Šverko

**12. 9. 2018.**

11. sjednica Fakultetskog vijeća

**26. 9. 2018.**

12. sjednica Fakultetskog vijeća \* Jure Bešlić, dipl. ing. arh., Zrinka Visković, mag. ing. arh., Marin Mikelić, dipl. ing. arh., Hana Paleka, mag. ing. arh., Domagoj Bolanča, mag. ing. arh., izabrani u naslovno suradničko zvanje asistent za Područje Umjetnosti, polje Likovne umjetnosti na Katedri za arhitektonsko projektiranje (vanjska suradnja)

**3<sup>rd</sup> March 2018**

The exhibition of works from the student workshop “Solin – City by the Sea” opened in the Zvonimir Community Centre in Solin.

**6<sup>th</sup> – 8<sup>th</sup> March 2018**

The reaccreditation of the Faculty by the expert committee appointed by the Agency for Science and Higher Education carried out after several months of preparation.

**10<sup>th</sup> March 2018**

Commencement ceremony held for 39 new Bachelors of Architecture and Urban Planning and 31 Master of Architecture and Urban Planning.

**22<sup>nd</sup> March 2018**

Awards ceremony held for the best architectural achievements of 2017; the Bernardo Bernardi award was divided between professors at the Split study of Architecture and Urban Planning Iva Letilović (with Igor Pedišić and Vladimir Končar), for the project of the Small Arsenal and HERA visitors' centre in Zadar, and Dinko Peračić, for the Museum of Modern and Contemporary Art in Rijeka – currently under construction.

**4<sup>th</sup> April 2018**

6<sup>th</sup> session of the Faculty Council \* The title of Teaching Assistant at the Chair of Urban Planning conferred on Jere Kuzmanić, M. Arch.

**11<sup>th</sup> April 2018**

Architect Debashis Sanyal, Associate Professor at the study of Architecture of the National Institute of Technology in Raipur, India held a lecture under the title “Super tall housing”.

**17<sup>th</sup> April – 29<sup>th</sup> June 2018**

Manifestation 50 Years of Split 3 – Streets, neighbourhoods, residents held.

**25<sup>th</sup> April 2018**

7<sup>th</sup> session of the Faculty Council \* Associate Professor Nikša Jajac elected Dean of the Faculty of Civil Engineering, Architecture and Geodesy for the term 2018/19 – 2020/21.

**4<sup>th</sup> May 2018**

At the session of the Government of the Republic of Croatia in Split, a grant allocation agreement was signed for the implementation of the project “Implementation of modern scientific research infrastructure at the Split Faculty of Civil Engineering, Architecture and Geodesy for the purpose of smart specialisation in green and energy-efficient building” (INFRA FGAG). The Laboratory for the Implementation of Modern Technologies in Architecture is planned to be established as part of the project.

**23<sup>rd</sup> May 2018**

8<sup>th</sup> session of the Faculty Council

**18<sup>th</sup> – 21<sup>st</sup> June 2018**

Final presentations of students' projects developed in design workshops during the winter semester; the following guest critics participated: Luka Cvitan, Antonia Vuletić (Introduction to Architectural Design 2); Leo Modrčin (Architectural Design Workshop 2); Professor Neno Kezić, Zrinka Visković, Dujam Ivanišević, Associate Professor Nikola Popić (Graduate Design Studio 2).

**20<sup>th</sup> June 2018**

9<sup>th</sup> session of the Faculty Council \* The scientific and academic title of Associate Professor at the Chair of Building Construction conferred on Vesna Perković Jović, PhD.

**28<sup>th</sup> – 29<sup>th</sup> June 2018**

Master theses defended.

**28<sup>th</sup> June 2018**

The annual exhibition of students' works opened.

**18<sup>th</sup> July 2018**

10<sup>th</sup> session of the Faculty Council

**3<sup>rd</sup> – 7<sup>th</sup> September 2018**

As part of the programme of the Faculty of Civil Engineering, Architecture and Geodesy Summer School, the workshop “SplitLab. Designing for Productive City” was held under the mentorship of Assistant Professor Ana Šverko, PhD.

**12<sup>th</sup> September 2018**

11<sup>th</sup> session of the Faculty Council

**26<sup>th</sup> September 2018**

12 session of the Faculty Council \* The title of Assistant Lecturer in the discipline of Arts, subdiscipline of Visual Arts at the Chair of Architectural Design (External Associate) conferred on Jure Bešlić, Ing. arch., Zrinka Visković, M. Arch., Marin Mikelić, M. Arch., Hana Paleka, M. Arch., and Domagoj Bolanča, M. Arch.

UPRAVA / FACULTY MANAGEMENT	NASTAVNICI / TEACHING STAFF	
Dekan / Dean prof. dr. sc. Trogrlić Boris	KATEDRA ZA ARHITEKTONSKO PROJEKTIRANJE / DEPARTMENT OF ARCHITECTURAL DESIGN	Letilović Iva docentica
Prodekan za studije arhitekture i urbanizma / Vice-Dean for Architecture and Urban Planning Studies prof. Kuzmanić Ante	Kezić Neno redoviti profesor u trajnom zvanju, šef katedre	Marasović Danijel docent
Prodekan za studije građevinarstva / Vice-Dean for Civil Engineering Studies doc. dr. sc. Srzić Veljko	Barić Damjan asistent, vanjski suradnik	Njirić Hrvoje redoviti profesor u trajnom zvanju
Prodekanica za studij geodezije i geoinformantike / Vice-Dean for Geodesy and Geoinformatics Study izv. prof. dr. sc. Racetin Ivana	Begović Saša izvanredni profesor, vanjski suradnik	Pelivan Lea docentica
Prodekanica za međunarodnu suradnju / Vice-Dean for International Cooperation prof. dr. sc. Galić Mirela	Ilić Vanja izvanredna profesorica, vanjska suradnica	Peračić Dinko docent
	Ivanišević Dujam asistent, vanjski suradnik	Plejić Toma docent
	Ivanišević Silvija asistentica, vanjska suradnica	Popić Nikola izvanredni profesor, vanjski suradnik
	Juras Branka asistentica, vanjska suradnica	Radoš Mirjana asistentica, vanjska suradnica
	Jurić Ivan asistent, vanjski suradnik	mr. sc. Randić Saša docent
	Kalajžić Jakša asistent, vanjski suradnik	Roje Nora asistentica, vanjska suradnica
	Kovačević Bruna asistentica, vanjska suradnica	Širola Eugen asistent, vanjski suradnik
	Krstulović Ana asistentica, vanjska suradnica	mr. sc. Šverko Emil redoviti profesor, vanjski suradnik
	Kuzmanić Ana docentica	Tomić Mario asistent, vanjski suradnik
	Kuzmanić Ante redoviti profesor u trajnom zvanju	Vrdoljak Andrija asistent, vanjski suradnik
		Vukasović Tina asistentica, vanjska suradnica

KATEDRA ZA URBANIZAM / DEPARTMENT OF URBAN PLANNING	KATEDRA ZA TEORIJU I POVIJEST ARHITEKTURE / DEPARTMENT OF THEORY AND HISTORY OF ARCHITECTURE AND ART	KATEDRA ZA ZGRADARSTVO / DEPARTMENT OF BUILDING TECHNOLOGY
Gabrić Dario redoviti profesor, šef katedre	dr. sc. Plejić Robert izvanredni profesor, šef katedre	dr. sc. Tušek Darovan redoviti profesor u trajnom zvanju, šef katedre
dr. sc. Bartulović Hrvoje docent	dr. sc. Babić Dunja poslijedoktorandica	Bartulović Bruno asistent
dr. sc. Golem Silvia izvanredna profesorica, vanjska suradnica	dr. sc. Belamarić Joško profesor, vanjski suradnik	Lučin Davor predavač, vanjski suradnik
dr. sc. Grgić Ana docentica	dr. sc. Šerman Karin redovita profesorica, vanjska suradnica	Lukšić Berislav asistent, vanjski suradnik
dr. sc. Kukoč Višnja docentica		dr. sc. Perković Jović Vesna izvanredna profesorica
Kuzmanić Jere asistent	KATEDRA ZA GRADITELJSKO NASLIJEĐE / DEPARTMENT OF ARCHITECTURAL HERITAGE	Petričević Luka asistent, vanjski suradnik
dr. sc. Stanić Sanja izvanredna profesorica, vanjska suradnica	dr. sc. Marasović Katja izvanredna profesorica, šefica katedre	Radunić Zrinka asistentica, vanjska suradnica
dr. sc. Šverko Ana docentica, vanjska suradnica	dr. sc. Perojević Snježana docentica	dr. sc. Žižić Dujmo docent
Vuletić Antonia asistentica, vanjska suradnica		

KATEDRA ZA TEORIJU  
KONSTRUKCIJA /  
DEPARTMENT  
OF THEORY OF  
STRUCTURES

dr. sc. Nikolić Željana  
redovita profesorica u trajnom  
zvanju, šefica katedre

dr. sc. Balić Ivan  
docent

dr. sc. Smoljanović Hrvoje  
docent

dr. sc. Živaljić Nikolina  
docentica

KATEDRA ZA  
OTPORNOST  
MATERIJALA  
I ISPITIVANJE  
KONSTRUKCIJA/  
DEPARTMENT OF  
STRENGTH OF  
MATERIALS AND  
STRUCTURAL TESTINGS

dr. sc. Galić Mirela  
redovita profesorica

KATEDRA ZA  
BETONSKE  
KONSTRUKCIJE I  
MOSTOVE /  
DEPARTMENT  
OF CONCRETE  
STRUCTURES AND  
BRIDGES

dr. sc. Radnić Jure  
redoviti profesor u trajnom  
zvanju, šef katedre

dr. sc. Grgić Nikola  
docent

mr. sc. Herak-Marović Vladica  
više predavačica

dr. sc. Matešan Domagoj  
redoviti profesor

dr. sc. Smilović Zulim Marija  
docentica

dr. sc. Sunara Kusić Marina  
poslijedoktorandica

KATEDRA ZA  
METALNE I DRVENE  
KONSTRUKCIJE/  
DEPARTMENT OF  
METAL AND TIMBER  
STRUCTURES

dr. sc. Boko Ivica  
redoviti profesor, šef katedre

Lovrić Vranković Jelena  
asistentica

Goreta Marko  
asistent

Grozdanić Gabrijela  
asistentica

dr. sc. Torić Neno  
docent

KATEDRA ZA  
PRIVREDNU  
HIDROTEHNIKU /  
DEPARTMENT OF  
HYDROTECHNICAL  
ENGINEERING

dr. sc. Srzić Veljko  
docent

dr. sc. Vranješ Mijo  
izvanredni profesor,  
vanjski suradnik

KATEDRA ZA  
ORGANIZACIJU  
I EKONOMIKU  
GRAĐENJA /  
DEPARTMENT OF  
CONSTRUCTION  
MANAGEMENT AND  
ECONOMICS

dr. sc. Ostojić-Škomrlj Nives  
izvanredna profesorica,  
šefica katedre

dr. sc. Jajac Nikša  
izvanredni profesor

dr. sc. Knezić Snježana  
redovita profesorica  
u trajnom zvanju

Milat Martina  
asistentica

KATEDRA ZA  
HIDROLOGIJU /  
DEPARTMENT OF  
HYDROLOGY

dr. sc. Jukić Damir  
redoviti profesor, šef katedre

KATEDRA ZA  
GOSPODARENJE  
VODAMA  
I ZAŠTITU VODA /  
DEPARTMENT OF  
WATER MANAGEMENT  
AND WATER  
PROTECTION

dr. sc. Andrić Ivo  
docent

KATEDRA ZA  
PROMETNICE /  
DEPARTMENT OF  
TRANSPORTATION  
ENGINEERING

dr. sc. Cvitanić Dražen  
redoviti profesor, šef katedre

KATEDRA ZA  
MATEMATIKU I FIZIKU /  
DEPARTMENT OF  
MATHEMATICS AND  
PHYSICS

mr. sc. Pavasović Slobodan  
viši predavač

Vulević Milena  
predavačica

KATEDRA ZA  
GEOMETRIJU /  
DEPARTMENT OF  
GEOMETRY

dr. sc. Andrić Maja  
docentica, šefica katedre

dr. sc. Lovričević Neda  
docentica

KATEDRA ZA  
GEOTEHNIKU /  
DEPARTMENT OF  
GEOTECHNICAL  
ENGINEERING

dr. sc. Miščević Predrag  
redoviti profesor u trajnom  
zvanju, šef katedre

KATEDRA ZA  
GEODEZIJU I  
GEOINFORMATIKU /  
DEPARTMENT OF  
GEODESY AND  
GEOINFORMATICS

dr. sc. Racetin Ivana  
izvanredna profesorica

GODIŠNJAK STUDIJA ARHITEKTURE I URBANIZMA 2017./18.

STUDY OF ARCHITECTURE AND URBAN PLANNING YEARBOOK 2017/18

PREDDIPLOMSKI STUDIJ /  
UNDERGRADUATE STUDY

1. GODINA	2. GODINA	3. GODINA
Klara Andrić Stjepan Bakija Iris Belamarić Lucija Benko Karmen Berda Ivan Britvić Kate Delić Karlo Domazet Dea Dragičević Anamarija Dujčić Luka Ilić Ana Ivančić Žana Jadrešin Mia Jerčić Bruno Juraga Nikola Kačan Ivona Kandasić Petra Kerum Marko Lovrić Ana Ljubić Dona Marković Dora Maškarić Nikolina Matić Hrvoje Meštrović Blago Mikulić Josipa Milardović Dorothea Miličić Ivana Mimica Vana Mimica Lucija Mišura Duje Poklepović Leon Prkić Lucija Ptiček Ružica Radičić Katica Radić Monika Raguž Noel Raos Anastasia Revenko Izabela Salopek Martin Sarić Ivan Stanojević Anamarija Šućur Josipa Šuta Antonio Visković Antonio Vukičević Bruno Vukmanović Klara Vulić	Lucija Anton Dijana Baban Dražen Balić Sara Balorda Barbara Batalić Mislav Bauk Dora Belamarić Niko Borković Jelena Botić Antonio Božić-Kudrić Rija Čafuk Marija Akulina Čović Ante Čaleta Ines Čavar Nora Dešković Jere Doljanin Zdravka Džajić Dorothea Flis Marko Glavaš Iva Grbavac Roko Jelaska Relja Paula Jureškin Ana Kakić Mara Kereta Mislav Krajina Katarina Lovrić Ena Lovrinčević Ruža Majić Miro Radman-Livaja Petra Radonić Ivan-Livio Radun Dominik Schkarp Ivana Šatara Barbara Šimović Karla Štajduhar Marija Tomaš Dario Vrdoljak Lucija Vulić Tea Zonjić Helena Zorić	Ante Babić Katarina Babić Dino Bakić Marino Banjan Luka Barić Fabio Bašić Kristina Brajković Klara Čerina Anamarija Draženović Mirna Duvnjak Marin Dvornik Ivan Fucijaš Tomislav Galić Marta Ivačić Marina Jakus Dora Jelaska Jelena Jukić Dorothea Kaurić Tomislav Kokan Katarina Kolak Lea Kuret Vedran Kustura Ana Leko Ante Lipovac Josip Mahovlić Branka Mamula Jozo Mandić Alen Marić Ines Marković Tereza Marković Sara Markovina Luka Matković Ivan Maurović Paula Miloš Mario Miljak Zrinka Miočić Mia Nerlović Ivana Novaković Tomislav Odrlić Tea Patek Mia Pejić Zrinka Perić Tea Perko Erna Petrovečki Stjepan Pleić Nives Pranjić Boris Rožić Ljilja Rupčić Andrea Stegić Marina Šegedin Nikol Šego Ivan Šolić Marta Šunjo Josipa Tivanovac Marijana Tokić Marija Ugrina Antea Vrdoljak Lana Vukorepa Lana Žaknić Karmen Žanetić

DIPLOMSKI STUDIJ /  
GRADUATE STUDY

1. GODINA	2. GODINA
Luka Barković Magdalena Bodrožić Anita Brajković Anamarija Buljan Ana Čirjak Bruna Čurić Frane Dedić Emili Dragičević Kristina Gotvald Anita Grga Laura Ibrahić Petra Kliman Josipa Krtalić Filip Eugen Lelas Karlo Pahert Mirna Peović Ana Perišić Marin Petković Leo Radić Tina Radnić Robert Sokač Ana Šegrt Pino Šimićev Lucija Šimundić Bendić Marina Tomaš Petra Tomeljak Roko Vilibić Dora Vrkić	Ivan Beideneg Barbara Billić Inka Černić Luka Čakić Vlatka Dujmović Kristina Eleršek Ante Furač Ante Grbić Anđelo Hajdić Pavle Horvat Diana Jukić Filip Jurić Stefani Maša Majčica Ivana Malec Jelena Mandac Marin Maršić Tea Martinić Nikola Mihaljević Dobrila Novak Hana Paleka Niko Peranić Jelena Podrug Eleonora Popović Ena Radić Ivan Repušić Mate Skoko Dora Stupalo Mia Šantić Emanuela Tomelić Helena Udovičić Karlo Ugarković Domagoj Vučinić Anja Vukasović Katarina Vuletić Sandro Žuljević

GODIŠNJAK STUDIJA ARHITEKTURE I URBANIZAMA 2017./18.

## DIPLOMSKI RADOVI / MASTER THESIS

6. 2. 2018.

**Luka Čakić**  
**GARAŽIĆ / GARAGE**  
**KINDERGARTEN /**  
**Blatine-Škrabe, Split**  
Mentor: Prof. Neno Kezić  
Komentorica / Co-Mentor:  
Doc. dr. sc. Ana Šverko

**Vlatka Dujmović**  
**MONTESSORI DJEČJI VRTIĆ /**  
**MONTESSORI KINDERGARTEN /**  
**Vrbani, Zagreb**  
Mentor: Prof. Ante Kuzmanić  
Komentorica / Co-Mentor:  
Dr. sc. Mirjana Šagud

**Pavle Horvat**  
**MUZEJ FILMA /**  
**THE MUSEUM OF FILM / Zagreb**  
Mentor: Prof. Ante Kuzmanić  
Komentorica / Co-Mentor:  
Dr. sc. Bruno Kragić

**Jelena Mandac**  
**VINARIJA / WINERY / Sinj**  
Mentor: Prof. Ante Kuzmanić  
Komentorica / Co-Mentor:  
Dr. sc. Goran Zdunić

**Marin Maršić**  
**REVITALIZACIJA HIPODROMA /**  
**REVITALISATION OF THE HORSE**  
**RACETRACK / Sinj**  
Mentor: Prof. Hrvoje Njirić  
Komentorica / Co-Mentor:  
Izv. prof. dr. sc. Nikša Jajac

**Domagoj Vučinić**  
**OD PREDGRADA DO GRADA /**  
**FROM THE SUBURBS TO THE CITY**  
**/ Manuš, Split**  
Mentor: Prof. Nikola Popić  
Komentorica / Co-Mentor:  
Doc. dr. sc. Ana Šverko

**Katarina Vuletić**  
**PROMJENA KAO PRINCIP /**  
**CHANGE AS PRINCIPLE / Vis**  
Mentor: Doc. Toma Plejić  
Komentorica / Co-Mentor:  
Izv. prof. dr. sc. Nikša Jajac

28. – 29. 6. 2018.

**Ivan Beideneg**  
**PLOČE 2.0 / Ploče**  
Mentor: Prof. Hrvoje Njirić  
Komentorica / Co-Mentor:  
Doc. dr. sc. Dujmo Žižić

**Kristina Eleršek**  
**DRUŠTVENO-EDUKATIVNI CENTAR**  
**ZA STARIJE, PROSTOR BIVŠE**  
**VOJARNE STJEŠAN RADIĆ /**  
**SOCIAL AND EDUCATIONAL**  
**CENTER FOR THE ELDERLY,**  
**FORMER BARRACKS STJEŠAN**  
**RADIĆ / Zadar**  
Mentor: prof. Dario Gabrić  
Komentorica / Co-Mentor:  
Prof. dr. sc. Anđel Leburić

**Student: Ante Grbić**  
**STADION VIŠNJK /**  
**VIŠNJK STADIUM / Zadar**  
Mentor: Doc. Dinko Peračić  
Komentorica / Co-Mentor:  
Doc. dr. sc. Krešimir Krolo

**Stefani Maša Majčica**  
**BANKA KRVI /**  
**THE BLOOD BANK / Križine, Split**  
Mentor: prof. Dario Gabrić  
Komentorica / Co-Mentor:  
Doc. dr. sc. Sanja Matijević Barčot

**Ivana Malec**  
**DJEČJI VRTIĆ /**  
**KINDERGARTEN / Kaštel Lukšić**  
Mentor: Prof. Neno Kezić  
Komentorica / Co-Mentor:  
Prof. dr. sc. Anđel Leburić

**Hana Paleka**  
**MOTEL TROGIR 2.0 / Trogir**  
Mentor: Doc. Saša Randić  
Komentorica / Co-Mentor:  
Doc. dr. sc. Snježana Perojević

**Eleonora Popović**  
**EKO SELO ZA UMIROVLJENIKE**  
**/ ECO VILLAGE FOR SENIOR**  
**CITIZENS / Grohote, otok Šolta**  
Mentor: Izv. prof. Saša Begović  
Komentorica / Co-Mentor:  
Doc. dr. sc. Hrvoje Bartulović

**Dora Stupalo**  
**ŽIVJETI KVA(D)R(A)T /**  
**TO LIVE A QUA(D)R(A)T(E) / Split 3**  
Mentor: Izv. prof. Nikola Popić  
Komentorica / Co-Mentor:  
Doc. dr. sc. Ana Šverko

**Mia Šantić**  
**ŠTAFILIĆ "DEFIBRILACIJA" /**  
**ŠTAFILIĆ "DEFIBRILLATION" /**  
**Kaštel Štafilić**  
Mentor: Prof. Hrvoje Njirić  
Komentorica / Co-Mentor:  
Doc. dr. sc. Snježana Perojević

**Emanuela Tomelić**  
**KULTURNO- TURISTIČKI**  
**CENTAR KUNA /**  
**KUNA CULTURAL TOURIST**  
**CENTER / Kuna, Pelješac**  
Mentor: Prof. Ante Kuzmanić  
Komentorica / Co-Mentor:  
Izv. prof. dr. sc. Katja Marasović

**Karlo Ugarković**  
**INKUBATOR /**  
**INCUBATOR / Dračevac, Split**  
Mentor: prof. Dario Gabrić  
Komentorica / Co-Mentor:  
Doc. dr. sc. Ana Grgić

**Anja Vukasović**  
**DEFINIRANJE JAVNOG**  
**PROSTORA KLISA /**  
**DEFINING THE PUBLIC**  
**SPACE OF KLIS / Klis**  
Mentor: Prof. Ante Kuzmanić  
Komentorica / Co-Mentor:  
Doc. dr. sc. Snježana Perojević

**DODATAK:  
SVEUČILIŠNI  
STUDIJ  
ARHITEKTURA  
I URBANIZAM  
2003. – 2018.**

GODIŠNJAK STUDIJA ARHITEKTURE I URBANIZMA 2017/18.

**ADDENDUM:  
UNIVERSITY  
STUDY OF  
ARCHITECTURE  
AND URBAN  
PLANNING  
2003 – 2018**

STUDY OF ARCHITECTURE AND URBAN PLANNING YEARBOOK 2017/18

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## 2009.

Marija Batina  
Hrvoje Kedžo  
Lidija Lovrinović  
Nada Milišić  
Marija Puljić  
Duje Štambuk  
Ivana Vlaić  
Jasna Zanki  
Dragan Žuvela

## 2010.

Tomislav Alujević  
Ivan Begonja  
Mirna Bodružić  
Ivana Bolanča  
Ivana Dragoje  
Mirta Đilas  
Damir Glavinić  
Petra Klarić  
Sanja Koren  
Nina Kovačević  
Stipe Marasović  
Nenad Marinović  
Marijana Marušić  
Tomislav Matušin  
Lucija Melada  
Mario Melnik  
Maja Novaković  
Andrej Nuić  
Sandra Pajić  
Maja Vujec

## 2011.

Mate Acalinović  
Andro Banovac  
Jure Bešlić  
Toni Boban  
Magda Bojanić  
Ana Budimir  
Tina Busatto  
Dragana Čakić  
Marija Ćurković  
Ksenija Dešković  
Josipa Grbas  
Ivan Jurić  
Iva Justinić  
Lucija Kostović  
Ana Krstulović  
Marijana Krstulović-Relija  
Ana Kurte  
Mislav Kuzmanić  
Berislav Lukšić  
Suzana Lunić  
Mia Mandušić  
Petra Marinović  
Ante Marović  
Marina Miljak  
Ana Morača  
Luka Mužinić  
Sara Pavlov  
Radmila Pelagić  
Viktor Perić  
Luka Petričević  
Luči Plosnić  
Silvio Puljić  
Igor Runje  
Jelena Smoljo  
Nina Šperac  
Mario Tomić  
Jelena Vesanović  
Vatroslav Visković  
Petar Vuković  
Luka Zaninović  
Katarina Zrinski Vučica  
Marija Zulim  
Srđan Žibert

## 2012.

Ivana Baković  
Domagoj Diklić  
Antonija Dominović  
Frane Dumandžić  
Nikolina Garma  
Biljana Glavinić  
Antonija Gojanović  
Tonći Jelaska  
Martina Jerončić  
Ivana Jurišić  
Bruna Kovačević  
Katarina Kovačić  
Vjerran Krstinić  
Ivana Kujundžić  
Stjepan Miketek  
Srđan Ostojić  
Ana Pajdek  
Tonia Prančić  
Jelena Računica  
Mirjana Radoš  
Ana Restović  
Iva Sopta  
Ana Marija Starčević  
Nataša Šustić  
Ana Tešija  
Maja Tešija  
Ana Tomšić  
Marina Vučić  
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## 2013.

Marina Bakarić  
Domagoj Bolanča  
Ema Črnjak  
Branimir Ćular  
Ana Dedić Jandrek  
Mateo Dragun  
Maja Dvornik  
Ana Glamuzina  
Špiro Grubišić  
Toni Kerum  
Jure Knežević  
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Zrinka Visković  
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Vjekoslav Moscatello  
Damir Moskalj  
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Božena Penović  
Eda Plavljančić  
Dora Popić  
Ivan Radnić  
Maja Vujnović  
Marija Vuković  
Nikola Vulić

## 2016.

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Marina Botić  
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Magdalena Bušić  
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Ivana Pamuković  
Tajana Pandžić  
Borna Penjak  
Žarko Perišin  
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Zoja Zoković

## 2017.

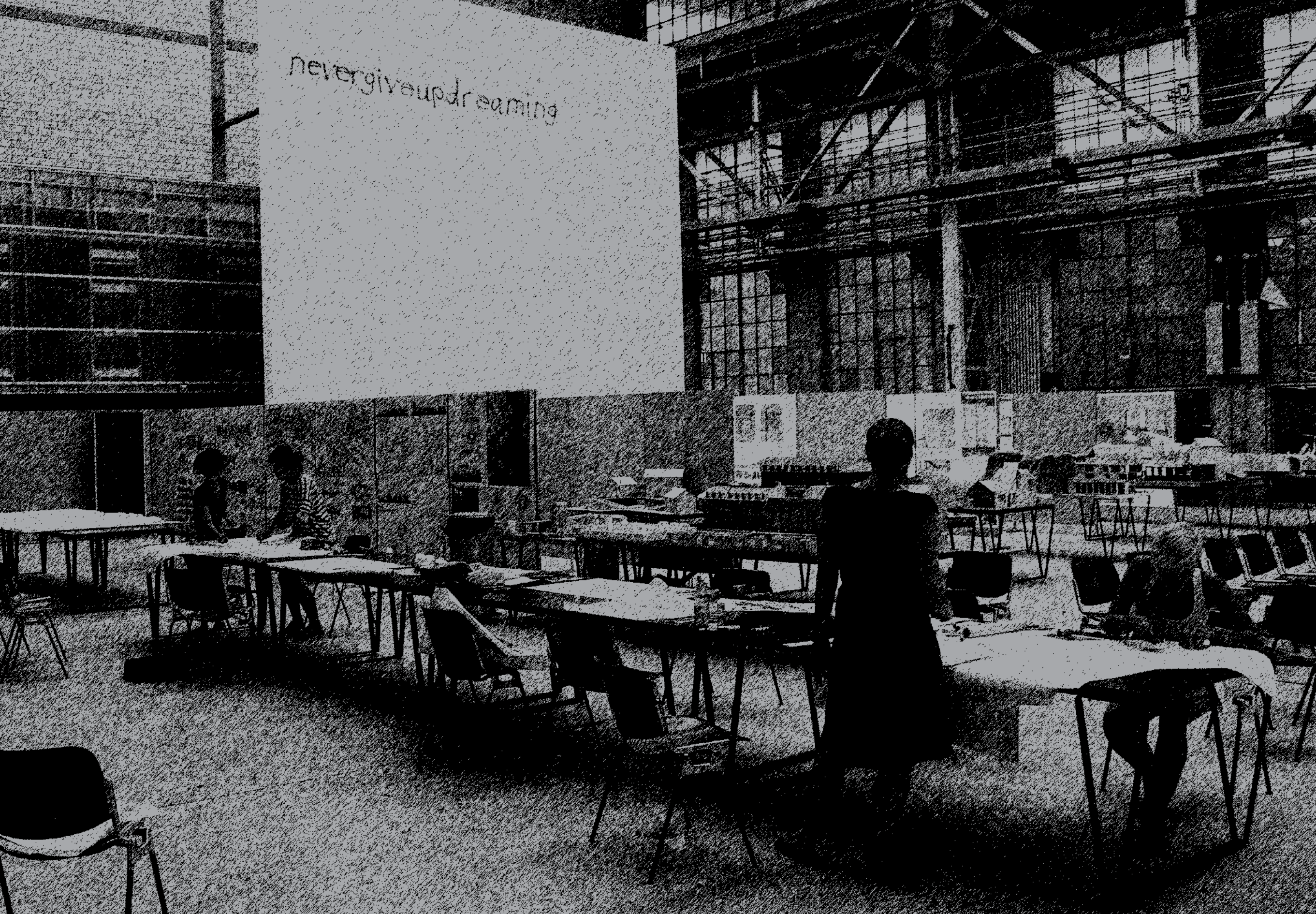
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Sveučilišni studij Arhitektura i urbanizam  
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