



11TH INTERNATIONAL CONFERENCE AND EXHIBITION
DECEMBER 2023, BELGRADE, SERBIA

11TH INTERNATIONAL EXHIBITION

ON ARCHITECTURE - CHALLENGES IN DESIGN

EXHIBITION BOOK

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CHALLENGES IN DESIGN

EXHIBITION
BOOK

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SUSTAINABLE URBAN SOCIETY ASSOCIATION

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ON ARCHITECTURE
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EXHIBITION
BOOK

Belgrade, Serbia
2023

IMPRESSUM

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ON ARCHITECTURE
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EXHIBITION BOOK

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PREFACE

At the beginning of the 21st century, faced with the challenges of climate change, depletion of resources, high environmental pollution, and hints at an uncertain future, we are questioning the various roles of architecture.

Whether technological development and the use of new concepts in design, the use of new materials in construction, the use of new tools in the creation of concepts can provide an answer, is the theme of the conference and exhibition "Challenges in Design".

The new concept of architectural objects and the use of materials in the isolation of objects and the concept of facade envelope are an inspiration and a challenge in creation. Is art a part or is it against the concept of an architectural work – art vs architecture. Whether architecture and new media and the use of virtual and augmented reality can be tools in architectural design is the question of the position of architecture in the digital era – from parametric design to VR and AI, as tools in design. In addition to new buildings in the transformation of the city and the change in the structure of activities, there are many huge abandoned industrial buildings, which refers to the topic of reconstruction – reworking of the city and architecture – reworking of architecture and the city – reuse of abandoned buildings and places.

That is why it is particularly interesting how cities will be organized in future development, how to improve the quality of work and life, and how architecture can help through the organization of space, materialization. In particular, the further improvement of information technology, which have made an outstanding contribution, enabling the holding of study programs in the faculties, as well as the holding of conferences and meetings.

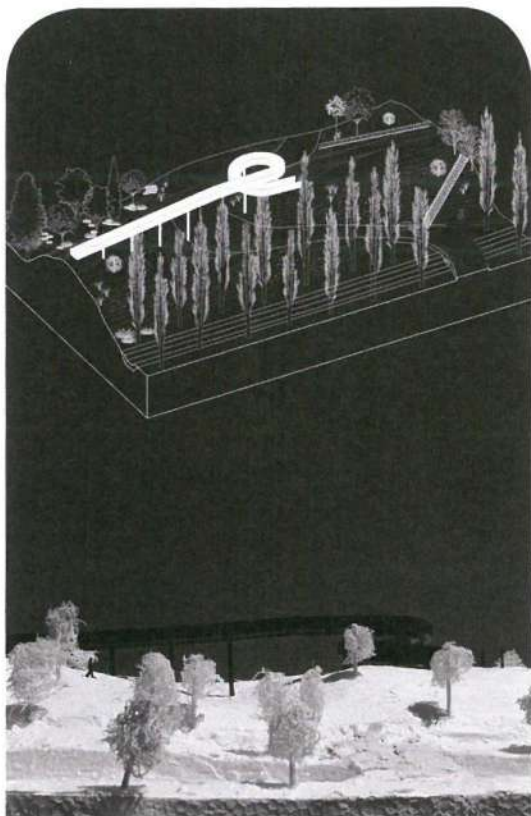
Angelos Zigos

ALTERATIONS: REDEFINING THE RELATIONSHIP BETWEEN NATURAL AND URBAN LANDSCAPE

The project represents an exploration of unconventional, small-scale weird interventions in the urban landscape. It aims to create a series of nine stories within forgotten spaces, urban voids and existing infrastructures. These in-situ interventions –serving as translations of experiential walks– give rise to built events that receive or enable a sequence of every-day praxes.

Thesis Project

Supervisor: Ioannis Vlachos, Yorgos Rimeridis
DArchUoi, Greece



REWORKING ARCHITECTURE/ CITY

- Reworking the City through New Architecture
- Creative space: architecture and interior design, smart space, green space, built world / street world
- Cultural Identity and Tradition vs globalized Design

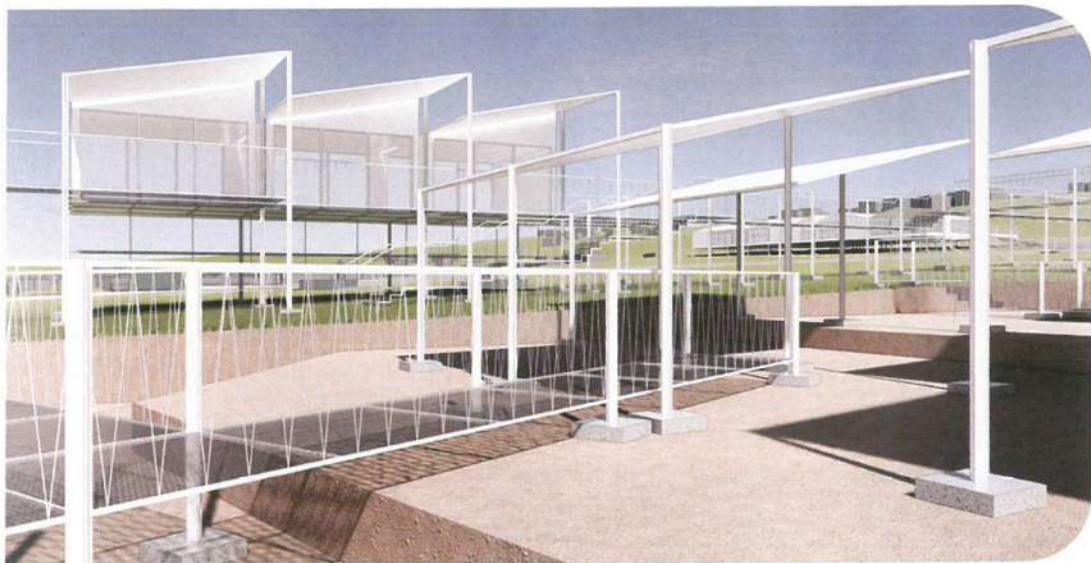
Maja Dragišić, Milan Božić, Milica Milosavljević (Spring Studio)

ARCHAEOLOGICAL PARK WITH THE VISITOR CENTRE AND THE SCIENTIFIC AND RESEARCH CENTRE

The concept of this project is built around the issue of understanding the temporal component of a place, the ephemerality of material remains of life and the permanence of transmitting knowledge about them.

The multidisciplinary approach to the architectural intervention conditioned the development of functional framework, with the possibility of analyzing whether the architectural solution can be complex, but adaptable, to respond to the context of the time and the needs required by the task.

Project team members: Katarina Crljenica, Aleksandar Bojanić, Tamara Koneska
Competition project awarded with equally valuable reduced redemption, Vinča, Serbia
Design year: 2022



Milena Kordić

ADAPTIVE BEAUTY: RECONSTRUCTION AND EXTENSION OF THE OLD STONE FAMILY HOUSE IN BAR, MONTENEGRO

Adapting old buildings to the contemporary environment is greatly influenced by context, including site-specific and cultural aspects. Here, we transformed an old family stone house into two distinct apartments with roof terraces, addressing both physical and climatic challenges.

We extended the stone walls vertically and added greenery planters. A glass extension with a white metal roof in the center creates a play of shadows and planters, merging nature with architecture. This greenery not only enhances aesthetics but also regulates climate conditions, rivaling traditional stone walls while offering stunning views and seamless indoor-outdoor connection.

Adaptive architecture, responding to the environment, inhabitants, and changing needs, is on the rise, embracing flexible, responsive design principles that harmonize the built and natural worlds.



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2023 STRAND
EXHIBITION EVALUATION RESULTS

ON ARCHITECTURE **CHALLENGES IN DESIGN**

Serbian Academy of Sciences and Arts, Gallery of Science and Technology
Belgrade, Serbia
5-19 December 2023

JURY REPORT

International Jury Members in alphabetical order:

Branko Kolarevic, USA, Snezana Zlatkovic, Serbia, Stahl Stenslie, Norway

It is with great pleasure that we announce the Jury Evaluation Results.

MicroMacro Award

CATEGORY: ARCHITECTURE – DESIGN CHALLENGES IN MACRO AND MICRO SCALE

THE MEMORIAL CENTRE OF POGROM VICTIMS IN BAČKA

Maja Dragišić, Milan Božić, Milica Milosavljević, Divna Babović (Spring Studio), Serbia

The project is awarded the first prize in the ARCHITECTURE category for its subtle, yet powerful spatial interpretation of the project's brief. The long ramps that cut into the landscape lead into the hidden, submerged spaces of the memorial centre, gradually preparing visitors for their encounter with the tragic events of the past. The rows of skylights flood the underground spaces with light and provide views to the sky. The large, open courtyard with a reflecting pool adds intensity to the slow but dramatic cinematic sequencing of spatial experiences, giving visitors a chance to contemplate "peace, freedom, and coexistence" before they leave the centre. The towering light well and its long shadow create a powerful marker in the surrounding green field, augmenting the overall effect of long cuts created by the ramps. It is these qualities that earned this project the Grand Prize too, as agreed unanimously by the jury.

Recognition

CATEGORY: TECHNOLOGY AND ARCHITECTURE

ALTERATIONS: REDEFINING THE RELATIONSHIP BETWEEN NATURAL AND URBAN LANDSCAPE

Angelos Zigos, Greece

Through nine spatial stories, the project Alterations: Redefining the Relationship between Natural and Urban Landscape offers us small and carefully planned interventions. In a very lucid way, it reminds us that everything we create becomes and remains a part of our cultural heritage. Interventions respect the natural environment, very subtly enabling new spatial concepts. The authors provide us with proposals for spatial breaks that fundamentally revive sometimes forgotten spaces. The architecture of interventions leads us to think that we, together with our neighbors, could realize them with architectural instructions and guidelines. Materialization and technology are placed at the service of sustainability and express a clear critical attitude. Nine Alterations (The Restroom, The Slide, The Platform, The Shed, The Stairway, Lagunes, Ludi, The Refreshment Pavilion, The Cinema) like acupuncture points find and realize the interrelationship between the natural and urban environment.

Recognition

CATEGORY: REWORKING ARCHITECTURE/ CITY

ADAPTIVE BEAUTY: RECONSTRUCTION AND EXTENSION OF THE OLD STONE FAMILY HOUSE IN BAR

Milena Kordić, Serbia

The project Adaptive Beauty: Reconstruction and Extension of Old Stone Family House in Bar gradually realizes the interaction between the built and natural environment. Above all, it indicates the importance of respecting the context, the materialization of the existing house, but also the relationship to the future life that will take place in this space. The phasing of its planning seems to coincide with the layering of design principles. The strong stone opens up through the window frames to the completely freed upper extensive floor, through the deep play of shadows created by the floating roof, all the way to the future planned green scenarios where the users of the house will be able to spend even the hottest days during the year. The measure of materialization is reduced to the hygiene of white color, with hints of well-toned green color that subtly fits on the elements of windows, doors, stair railings.

The volume of the roof has yet to reveal the adaptability potential of this project and its harmonization with the environment.

Recognition

CATEGORY: ART AND ARCHITECTURE

TRACING THE INTRICATE IN SCENE DESIGN: THE TEMPTATION TO BE HAPPY

Dejan Todorović, Serbia

The project Tracing the Intricate in Scene Design has been recognized as the best in the Art and Architecture category. Drawing inspiration from Lorenzo Marone's novel "La tentazione di essere felici" (The Temptation to be Happy), this poster artfully distills the play's exploration of the subtleties of human connection, the spectrum of emotions, and the ephemeral nature of life's moments. The ingenious use of rotating walls within the stage design, paired with a refined minimalist aesthetic, eloquently encapsulates the play's intricate tapestry of character dynamics, their environmental contexts, and the pervasive spatial motifs that thread through the storyline. The jury commends the poster for its eloquence in visual storytelling; it not only encapsulates but also amplifies the complexity of stagecraft, sparking a profound curiosity about the play while offering a deep dive into the sophisticated artistry of scene design.

Recognition

CATEGORY: NEW MEDIA AND NEW TOOLS IN DESIGN

BECOMING-WITH, ENCOUNTERS IN AN AUGMENTED GARDEN

Cenk Güzelis, Anna Pompermaier (./studio3, Me AndOther Me), Austria

The project Becoming-With, Encounters In an Augmented Garden has been recognized as the best in the NEW MEDIA AND NEW TOOLS IN DESIGN category.

This initiative presents a collaborative and immersive multisensory extended reality environment where the human form intertwines with a fantastical, artificially generated ecosystem. The project, "Becoming- With," invites participants to weave themselves into a tapestry that seamlessly blends the organic with the engineered, and the tangible with the digital, fostering a realm of unprecedented digital encounters. Through the innovative overlay of actual physical structures with virtual projections, "Becoming-with" offers a dual-reality space that users can navigate without forfeiting their tangible presence. This integration ensures that individuals remain connected to their physical and social realities, fostering a potent sense of immersion and interaction within the experience.

In essence, the pair of posters perfectly encapsulates the competition's theme, showcasing a progressive design ethos that melds the concrete with the digital world, crafting an engaging and interactive narrative while also preserving a compelling visual allure. The melding of innovative technology with creative design not only fulfills but surpasses the competition's benchmarks, rightfully earning the project its distinguished recognition.

On behalf of Jury



**MicroMacro
Award**

11TH INTERNATIONAL MULTIMEDIA EVENT
DECEMBER 2023, BELGRADE, SERBIA

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SUSTAINABLE URBAN SOCIETY ASSOCIATION

INTERNATIONAL EXHIBITION
5-19 DECEMBER 2023, BELGRADE, SERBIA



Serbian Academy of Sciences and Arts
Gallery of Science and Technology

ON ARCHITECTURE -
**CHALLENGES
IN DESIGN**

RECOGNITION

NAGRADJUJE/ AWARDED TO
MILENA KORDIĆ

u kategoriji/ in the Category
REWORKING ARCHITECTURE/ CITY

za rad/ for the project
ADAPTIVE BEAUTY: RECONSTRUCTION AND EXTENSION OF
THE OLD STONE FAMILY HOUSE IN BAR, MONTENEGRO

Žiri internacionalne izložbe/ International Jury Member (in alphabetical order)
Branko Kolarevic (United States), Stahl Stenslie (Norway), Snežana Zlatković (Serbia)

Predsednik žirija
President of the Jury
Branko Kolarevic

Predsednik organizatora
President of the Organizer
Ružica Bogdanović

Predsednik STRAND
President of STRAND
Bogdan Maksimović

Branko Kolarevic

Ruzica Bogdanovic

Bogdan Maksimovic



ADAPTIVE BEAUTY:

Reconstruction and Extension of the Old Stone Family House Bar, Montenegro

The importance of context, both in its site-specific and cultural dimensions, cannot be overstated when it comes to adapting and transforming old buildings into unique solutions for the contemporary built environment. The task here was the transformation of an old family stone house into two apartments with distinct entrances and roof terraces. This adaptation responds not only to the physical surroundings but also to the climatic challenges imposed by nature.

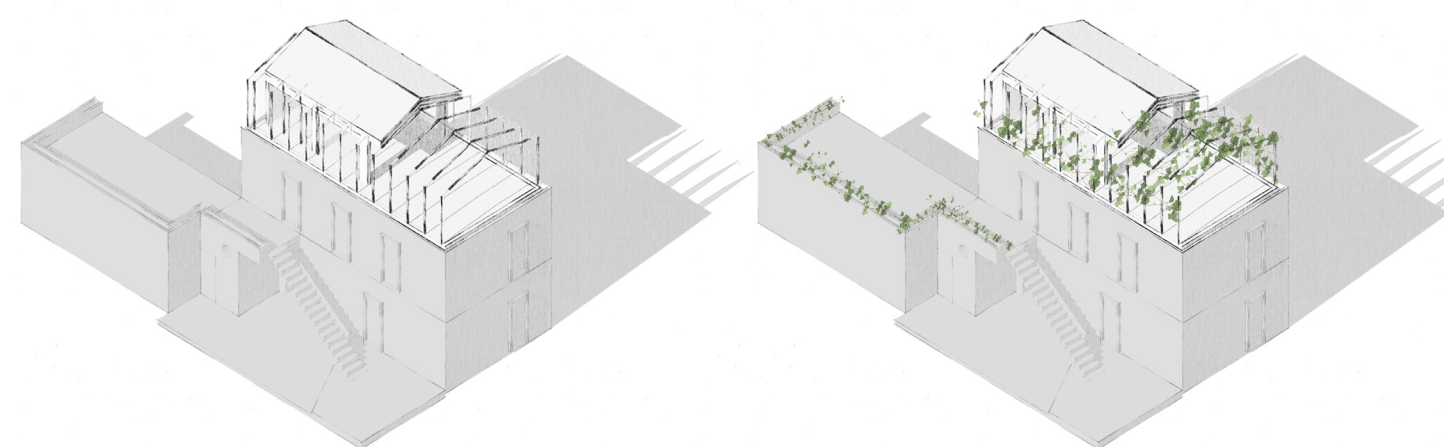
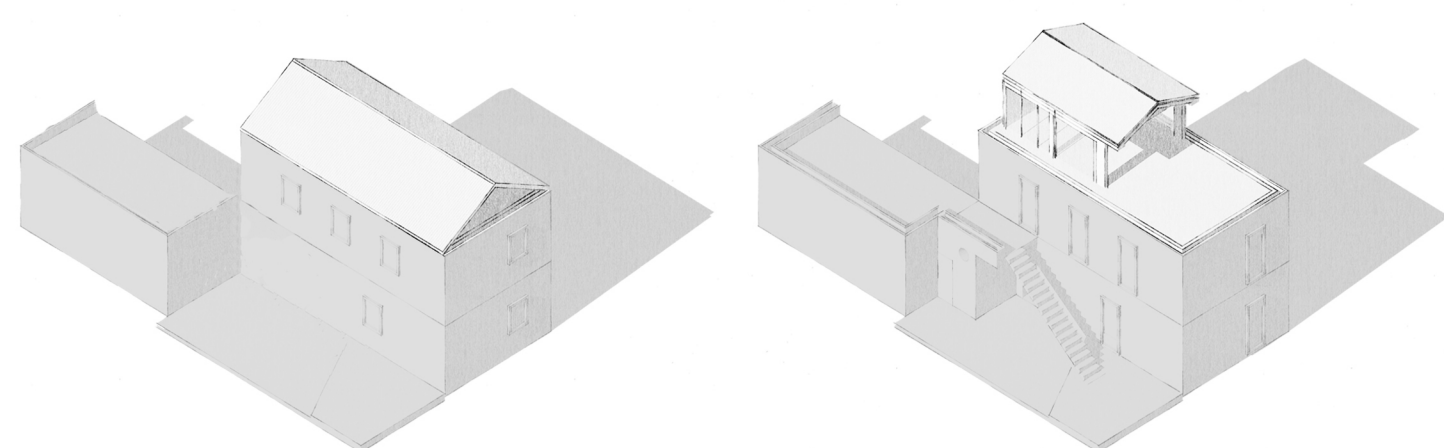
The thick existing stone walls have been continued in height and finished with built-in, continuous, full-length greenery planters, fortified with modern waterproof coatings, showcasing how tradition can harmonize with innovation. In the core of the stone volume, a light glass extension was formulated with a floating white metal roof. The interplay between deep shadows cast by the roof and delicate metal profiles, adorned with cables supporting planters, demonstrates the fusion of nature and architecture. As greenery flourishes, it will not only enhance the aesthetics but also regulate climate conditions, rivaling the efficacy of thick stone walls while offering captivating views and a seamless indoor-outdoor connection.

Adaptive architecture, which seeks to harmonize with its environment, inhabitants, and changing needs, is gaining momentum. It encompasses flexible, responsive, and interactive design principles, acknowledging the constant interplay between the built and natural worlds.

PhD Milena Kordić, architect

Inherited structure

Phase 1



Phase 2

Phase 3

