



10th International Conference

December 2022, Belgrade, Serbia

*ON ARCHITECTURE
— PHILOSOPHY OF
ARCHITECTURE*



PROCEEDINGS

strand

Sustainable Urban Society Association

ON ARCHITECTURE
PHILOSOPHY OF ARCHITECTURE
PROCEEDINGS

Belgrade, Serbia
2022

ON ARCHITECTURE
PHILOSOPHY OF ARCHITECTURE
PROCEEDINGS

INTRODUCTION

CHAPTER I	PHENOMENOLOGY OF ARCHITECTURE
CHAPTER II	ARCHITECTURE AND/OR VS. ART
CHAPTER III	TECHNOLOGY AND ARCHITECTURE
CHAPTER IV	POSTER SESSION
CHAPTER V	PANEL SESSION

IMPRESSUM

Title

ON ARCHITECTURE
PHILOSOPHY OF ARCHITECTURE
Proceedings

Publisher

STRAND – Sustainable Urban Society Association
Belgrade

On behalf of the Publisher

Ružica Bogdanović
STRAND – Sustainable Urban Society Association

Editor

Ružica Bogdanović

Reviewers

Pavlos Lefas
Nora Lefa
Aleksandra Stupar
Nataša Danilović Hristić
Ranka Gajić
Svetlana Batarilo
Mirjana Devetaković
Ružica Bogdanović

Printed by

Grid studio, Belgrade

Print run

100

Belgrade, 2022

ISBN 978-86-89111-28-6

CONTENTS

PREFACE

INTRODUCTION

Miodrag Šuvaković

DIAGRAMS: PHILOSOPHY BEYOND THEORY

THEORY THROUGH PHILOSOPHY: ARCHITECTURE, ART, POLITICS AND TECHNOLOGY

Theofanis Tasis

RADICAL DESIGN: HUMAN ENHANCEMENT AND THE ICONISTIC POLIS

Thomas Mical

PLASTICITY AFTER INDEXICALITY FOR ARCHITECTURAL THEORY TODAY

Petar Bojanić

WHAT IS A CONJECT(URE)?

THE CITY AS A CONJECT(URE)

Christiane Wagner

SMART CITIES AND ARCHITECTURAL STRUCTURES: COMMUNICATIONAL AND INFORMATIONAL SPACE

Polyxeni Mantzou

META-TYPOLOGIES

Renate Weissenböck

AUGMENTED DESIGN EXPERIMENTS

Milena Ivković

GAME-AS-A-SERVICE FOR URBAN DESIGN AND URBAN RESEARCH COMMUNICATION

Tanja Vujinović

AVANTGARDEN

I PHENOMENOLOGY OF ARCHITECTURE

Essence of Architecture – Form, Function, Meaning

Phenomenology of Architectural Work

Architectural and Existential Space – Existence, Space, and Architecture

Ambivalence Duality, Antipodal and Antinomian Term

Semiology of Architecture – Architectural Language

DIAGRAMS: PHILOSOPHY BEYOND THEORY

THEORY THROUGH PHILOSOPHY: ARCHITECTURE, ART, POLITICS AND TECHNOLOGY

Miško Šuvaković

RADICAL DESIGN: HUMAN ENHANCEMENT AND THE ICONISTIC POLIS

Theofanis Tasis

WHAT IS A CONJECT(URE)?

THE CITY AS A CONJECT(URE)

Petar Bojanić

PLATO'S ACCOUNT OF ARCHITECT'S EXPERTISE

Aleksandar Kostić

THE PARADOX OF HOME IN HEIDEGGER'S PHILOSOPHY

Mateja Kurir

VITRUVIUS' CONCEPT OF EURYTHMY

Pavlos Lefas

BETWEEN REALITY AND NON-REALITY

Nora Lefa

INFORMATION IN ARCHITECTURE IN THE DIGITAL AGE

Igor Svetel

ELEMENTAL SPACE: EXISTING | DWELLING

Virna Koutla

INTERPOLATION OF THE EPHEMERAL SEGMENTS SCENERY

IN THE DESIGN OF CONTEMPORARY ARCHITECTURE

Katarina Lončarević

THE INDEX AS THE PRESENCE OF THE ABSENT IN THE ARCHITECTURAL OBJECT.

TOWARDS A THEORY OF ARCHITECTURAL SEMIOLOGY

Katarina Ognjenović

AN EPOCH FROM A NEW PERSPECTIVE

Katarina Taranović

ART AND ARCHITECTURE AS ENGINE FOR URBAN REGENERATION

NEW MUSEUM QUARTER IN SARAJEVO

Senka Ibrišimbegović, Nedim Mutevelić

II ARCHITECTURE AND/OR VS. ART

Architecture and Design: Thinking through Drawing,

Architecture and Art: Spatial Installations,

Architecture Art and New Media

VR/AR Changing Physical Architecture

Here and There, Private, Public, VR/AR Influence

BIOMATERIAL FOR GROWING ARCHITECTURE

Jaroslava Frajova, Jan Koníček, Petr Siedlaczek

ARCHITECTURAL APPLICATION OF NANOFIBRE TEXTILE STRUCTURES WITH AN ADDED WATER RETENTION VALUE

Jan Koníček, Miloš Florián, Jaroslava Frajová

BODIES WITHOUT ORGANS

TACTILITY, INTERNET OF BODIES, APIs AS WORLDMAKING AGENTS

Cenk Güzelis

BEHAVIOUR ISSUES AND SAFETY ASPECTS IN THE REAL AND VIRTUAL SPACES

Nataša Danilović Hristić, Marina Nenković-Riznić, Nebojša Stefanović

BIM WITHOUT BIM: INTRODUCING THE BIM LOGIC IN ARCHITECTURE TECHNOLOGY CLASSES.

THE CASE OF TUC

Giannis Tsaras, Barbara Charalambidi

TOWARDS THE LIMINAL LINE DYNAMICS

Anđelka Bnin-Bninski

THE ARTIFICE OF WATER: ART PROJECT H₃O₂ VOL. 2 – SPATIAL INSTALLATIONS

Miloš Stojković Minić, Nevena Petrović, Dušan Stipić Dudwarszky

METHODOLOGY OF REPRESENTATION AND TRANSCRIPTION OF ARCHITECTURAL SPACE:

DISCOVERING THE HYBRID MODEL OF ARCHITECTURAL DRAWING

Hristina Meseldžija

SPATIAL IMMERSION: ARCHITECTURE OR ART

Sanja Nikolić

III TECHNOLOGY AND ARCHITECTURE

Technology and Architecture

The Future in the Present, Influence of the Climate, Smart Sustainable Development,

Learning Architecture through Examples that Educate

SMART CITIES AND ARCHITECTURAL STRUCTURES:

COMMUNICATIONAL AND INFORMATIONAL SPACE

Christiane Wagner

META-TYPOLOGIES

Polyxeni Mantzou

GAME-AS-A-SERVICE FOR URBAN DESIGN AND URBAN RESEARCH COMMUNICATION
Milena Ivković

PHILOSOPHICAL CONTEXT AND QUESTIONS ABOUT THE FUTURE
OF TECHNOLOGICAL REVOLUTION IN ARCHITECTURE AND URBANISM:
ECOLOGICAL, ECONOMIC, SOCIOLOGICAL PROGRESS OR A STEP BACK
Mila Pucar, Marina Nenković Riznić

TACTICAL URBANISM AND URBAN ACUPUNCTURE AS PLACE MAKING SOLUTIONS
FOR THE TIME OF AUSTERITY
Tamara Klicek

BUILDING SMART CITIZENS
Anastasia M. Kyriakopoulou, Konstantinos A. Oungrinis, Sotirios Ntzoufras, Antonios Papamanolis

HOUSING COMPLEX – AN ALTERNATIVE PENAL APPROACH
Margiori Lais-Ioanna, Papadosifou Eleftheria, Terzaki Maria, Karagianni Anna

NEW TECHNOLOGIES IN THE FUNCTION OF PARTICIPATORY AND EDUCATIONAL PROCESSES
IN URBAN PLANNING – CHALLENGES OF COVID-19 AND THE FUTURE OF DIALOGUE
Marina Nenković Riznić, Nataša Danilović Hristić, Sanja Simonović Alfirević

BIOPHILIC PATTERN AND APPEARANCE OF LEPENSKI VIR HABITATS
Nenad B. Miloradović

FRAGILITY AS RESILIENCE: DESIGNING THE BALANCE OF THE NATURAL AND BUILT ON THE EXAMPLE
OF AN OPEN COMPETITION FOR THE WIDER AREA OF THE HIPPODROME IN BELGRADE
Milena Kordić, Ranka Gajić, Svetlana Batarilo

INTERIORITY AS A CONCEPTUAL APPARATUS – THE RELATIONSHIP BETWEEN INTERIOR,
ARCHITECTURE AND URBAN
Natalija Bogdanović

SCENIC FUNCTION OF PARTIZAN SQUARE – TOWN SQUARE IN UZICE
Bojana Pašajlić

URBAN REGENERATION OF IVO LOLE RIBARA STREET IN KRAGUJEVAC AS A STRUCTURE THAT SHAPES
URBANITY OF MODERN CITY – TEACHING-EDUCATIONAL RESEARCH
Natalija Bogdanović, Bojana Pašajlić

RIVER BLOCK AND WALK ZENICA
Denis Ambruš, Vlatko Dusparić

IN SEARCH OF THE IDENTITY OF STRUGA – PRESERVING OR RESETTING THE URBAN MEMORY
Damjan Balkoski

INFLUENCE OF CULTURAL TRENDS AND POPULATION MIGRATION ON CHANGE
OF THE TRADITIONAL ARCHITECTURAL EXPRESSION OF RESIDENTIAL ARCHITECTURE
Iva Lokas, Ivana Rakonjac

LESSONS FROM PASSIVE SYSTEMS OF VERNACULAR ARCHITECTURE FOR CONTEMPORARY
CONSTRUCTION
Tijana Žišić, Marija Milenković

IV POSTER SESSION

Phenomenology of Architectural Work

The Future in the Present, Influence of the Climate, Smart Sustainable Development,

Here and There, Private, Public, VR/AR Influence

FLEXIBILITY OF WORK AND WORKPLACE POST-2020

Aleksa Bijelović , Milica Maksimović

THE BUILDING BETTER INITIATIVE: ENABLING AGENCY IN SELF-CONSTRUCTION IN RURAL INDIA

Divya Chand, Shweta Sundar, Sai Kelkar

NEW URBAN LIVING ROOMS – FOLLOWED BY LIGHT

Aleksandra Milošević Pantović

V PANEL SESSION

Essence of Architecture – Form, Function, Meaning

PHILOSOPHY OF ARCHITECTURAL FIGURES Snežana Vesnić with
Igor Cvejić, Sanja Iguman, Željko Radinković, Marko Ristić, Sara Nikolić,
Miloš Ćipranić, Edward Djordjevic, Milica Božić, Tamara Plećaš

AUTHOR INDEX

**FRAGILITY AS RESILIENCE:
DESIGNING THE BALANCE OF THE NATURAL AND BUILT ON THE EXAMPLE OF AN OPEN
COMPETITION FOR THE WIDER AREA OF THE HIPPODROME IN BELGRADE**

Milena Kordić¹, Svetlana Batarilo², Ranka Gajić³

¹ University of Belgrade - Faculty of Architecture, Serbia, milena.kordic@arh.bg.ac.rs

² University of Belgrade - Faculty of Transport and Traffic Engineering, Serbia, s.batarilo@sf.bg.ac.rs

³ University of Belgrade - Faculty of Transport and Traffic Engineering, Serbia,ranka@sf.bg.ac.rs

ABSTRACT

In a global and local context today, it is difficult to recognize let alone to design a sensitive balance between natural and built, which will enable further development of human activities while developing awareness of the importance of preserving nature, its processes and balance. We must regulate the indisputable pressure to build new capacities of urban tissue with strategies that intertwine built and unbuilt, manmade and natural, into a single mechanism of interaction.

The design concept, which puts the fragility of the named balance in the foreground, enables the spatial-program scenarios of life in cities to be placed in an interdependent relationship with the nature so that the concept of built structure does not rest on the strength of architectural form or technological solution. As a testing ground for studying these issues, we take the winning competition proposal of the urban-architectural competition for the area of the Hippodrome. The competition site belongs to the wider spatial area "Topčider", an especially significant and authentic space since it unites the city's natural, historical and cultural heritage. The competition proposal examines the possibilities for the development of the interconnectedness of nature and the city through the concept of fragility.

Keywords:

fragility, resilience, natural and built, balance, connection.

INTRODUCTION

"Let them be helpless like children, because weakness is a great thing, and strength is nothing. When a man is just born, he is weak and flexible. When he dies, he is hard and insensitive. When a tree is growing, it's tender and pliant. But when it's dry and hard, it dies. Hardness and strength are death's companions. Pliancy and weakness are expressions of the freshness of being. Because what has hardened will never win."¹

Andrei Tarkovsky *Stalker*

Toward the end of the last century, a series of events confirm the synchronization of efforts to improve people's lives and preserve the environment. In June 1992, at The United Nations Conference on Environment and Development (UNCED), also known as the 'Earth Summit', that was held in Rio de Janeiro, more than 178 countries adopted the Rio Declaration on Environment and Development, and the Statement of principles for the Sustainable Management of Forests (Agenda 21), a comprehensive plan of actions to build a global partnership for sustainable development.

In New York, in September 2015, the 2030 Agenda for Sustainable Development was adopted which shows a joint effort to perceive the planet as a whole and to consider both human and non-human agencies responsible for the prosperity of both, people and the planet. The 2030 Agenda for Sustainable Development (Agenda 2030) has a special focus on 'leave no one behind or to secure global commitment to improve the lives of the most vulnerable among us. However, new reports show the fragility of millions of "people caught in crisis".²

In times of pandemic, with the emergence of a new global health crisis that leaves nobody unaffected, we are more than ever aware of the fragility of both humanity and the planet. Relations between people, places, and events are challenged in completely new ways in times of pandemic, and we need new strategies to redefine them. A tangle of successive crises like COVID-19, serial of (local) armed conflicts, and climate change, demands a new multidimensional perspective on the fragility of life and life in fragile contexts.

Tools are needed to frame social and natural complexity, fluidity, interchangeability, and connectedness. In architectural design, we need an ever-renewing set of notions and concepts that include and acknowledge complex socio-material interdependencies.

¹ <https://www.goodreads.com/quotes/314315-let-everything-that-s-been-planned-come-true-let-them-believe>

² <https://odi.org/en/publications/sdg-progress-fragility-crisis-and-leaving-no-one-behind/>

FRAGMENTATION, JOINTS, and WEAKNESSES



Photo 1. Competition entry: A view of the smoothing the context and content of wider area of the Hippodrome

The spatial scope of the competition for the Wider area of the Hippodrome in Belgrade encompasses a complex set of natural and built conditions. The relationship between the parts and the whole of this complex set is perhaps the most important and at the same time the most sensitive point of its further development.

The goal of the competition, as stated in the documentation, is to affirm the potential of the location, in accordance with "spatial restrictions, planning and security directions and development trends"³. The area includes the location of the former Jugopetrol in Radnička Street, the Beograd Hippodrome complex with accompanying facilities, as well as the Sugar Factory complex in Radnička Street. The total area of the area covered by the competition is about 54.6 hectares. The aim of the competition is to present investigations of extreme heterogeneity of the site and research the possibilities for making "a recognizable urban-architectural solution adequate to the importance of the location that corresponds with the wider environment."⁴

The Hippodrome area together with two nearby industrial zones made of the old petroleum industry complex "Jugopetrol" and the old sugar factory "Fabrika šećera" belongs to the Belgrade district Topčider. Topčider represents an extremely valuable and authentic resource as it gathers natural, historical, and cultural heritage throughout the historical epochs of the city. The competition location gains particular importance due to its position between the two biggest natural resources of the city: the park and forest Košutnjak and the river Sava peninsula called Ada Ciganlija. The balance between built tissue and nature

³ https://www.ekapija.com/tenderi/2017/05/12/tCsh_1683552_KonkursnaDokumentacija.pdf

⁴ https://www.ekapija.com/tenderi/2017/05/12/tCsh_1683552_KonkursnaDokumentacija.pdf

becomes the key issue for the future of this particular part of an old European city under severe transformations, but of any contemporary city in general, today.

Therefore, making always new connections between heterogeneous and juxtapositioned parts, resources, agents, structures and events, but through flexible and weak connections, becomes a new possibility for the resilience of the whole. "We must thus make connections, ever more connections." as John Rajchman suggests, naming one of the defining principles of Deleuze's thought. Our task is to always make connections, since they are not already given, Rajchman says⁵.

One of the main challenges of the competition location was to deal with traffic infrastructure representing part of the artery collecting flows from all areas of the city and highways connecting Belgrade regionally and internationally. Newly built large scale bridge over the Ada is part of the mentioned traffic artery so as many of differently elevated traffic lines surrounding and intersecting location in order to enable flows between city center and periphery. Due to the high number of interconnections and types of traffic within the location, the dominant impression is the fragmentary character of its parts that causes disorientation of users and disables pedestrian flows and understanding of the site in its full ambient potential. But this fragmentariness spreads like a field, its incompleteness and indeterminacy open up the possibility for establishing mechanisms of relation, external connections, and the emergence of new composite properties.

External relations of parts allow that parts can be "added, subtracted, and recombined with one another ad infinitum without ever creating or destroying an organic unity".⁶ This model of relations Deleuze and Guattari call "fragmentary whole"⁷ in the book *What is Philosophy?* When parts that make an assemblage are "not pieces of a jigsaw puzzle," but like a "dry-stone wall, and everything holds together only along diverging lines"⁸, they are open to evolving, to making new assemblages, with new properties, as long as there are new interactions, rehearsed through part's capacities.

Without connecting elements or mechanisms of relation and establishing connections, the system becomes less resistant to the ever-changing influencing factors of the context. On the other hand, the diversity of elements/parts that determine the functioning but also the potential of the site expands the field of possibilities for external relations of parts and thus, the organization of always new assemblies. In the design process, through the concept of fragility, we develop consciousness of the fragility of the nature/culture balance, by constructing sets of connections and interrelations, open-ended relation mechanisms, not finite objects or strong forms.

"In contrast to organic unities, for Deleuze and Guattari, assemblages are more like machines, defined solely by their external relations of composition, mixture, and aggregation. In other words, an assemblage is a multiplicity, neither a part nor a whole"⁹

Therefore, we seek to introduce a new set of relations envisioned as an assemblage of the already-built factories and new programmatic and landscape solutions that would make a new set of properties of the site as a whole. Moreover, by interconnecting fragmented parts of the site, this new structure enables flows between the two abovementioned areas of Košutnjak and Ada Ciganlija and in the city as a whole. Through this attempt, the project examines a new set of relations between the city center and the periphery by introducing a multiplicity of things, guided by two continuous recreation-sports-culture programmatic spines allowed by continuous paths and repetition of unbiased constructive and infrastructural frames.

Deleuze and Guattari think about the multiplicity of things coming together over time that constitutes any action, instead of unitary essential things. So they say in *A Thousand Plateaus* (1987): "there are no individual statements, only statement-producing machinic assemblages".¹⁰

⁵ Rajchman, John (2000), *The Deleuze Connections*, MIT Press, pp 4

⁶ Nail, Thomas (2017), *What is an Assemblage?*, SubStance, Volume 46, Number 1, 2017 (Issue 142), pp. 23

⁷ Deleuze; Guattari (1994), *What is Philosophy?*, Columbia University Press, pp 16

⁸ Ibid, pp 23

⁹ Nail, Thomas (2017), *What is an Assemblage?*, SubStance, Volume 46, Number 1, 2017 (Issue 142), pp. 23

¹⁰ Deleuze; Guattari (2008). *A Thousand Plateaus: Capitalism and Schizophrenia*. Continuum, pp36

"In a book, as in all things, there are lines of articulation or segmentarity, strata and territories; but also lines of flight, movements of deterritorialization and destratification. Comparative rates of flow on these lines produce phenomena of relative slowness and viscosity, or, on the contrary, constitutes an assemblage. A book is an assemblage of this kind, and as such is unattributable. It is a multiplicity.¹¹

Thus, the base of the proposal relates to the flows: pedestrian ones, green flows, and flows of proposed programmatic solutions. Intertwining of those flows/lines enables physical, programmatic, and ambient continuity of dispersed parts as they either interconnect parts of the traffic infrastructure or elevate over it at the place where the infrastructure divides the location. Two paths enable connection to each part of the location by pedestrian and bicycle flows.

The first path goes over the highway in order to directly reach the biggest Belgrade natural and recreational area of Ada Ciganlija. Afterwards, the path gathers users throughout reconstructed old industrial complex of The Sugar Factory that hosts cultural programs. Passing The Sugar Factory, the path shortly joins with second flow and enters old Hippodrome area as light landscape structure made of sequence of pavilions crossing the local river.

The second path gathers parts of old petroleum company Jugopetrol and Hippodrome facilities. Its entry part is envisioned as a large platform gathering pedestrian flows from the central square and Radnička street that leads users throughout central open street gallery made of sport and recreation facilities and hotel. Afterword the second path is elevated above the tramline in order to enable users to reach Hippodrome center and public tribune. The second path joins the first one making a loupe around the whole hippodrome area and at the same time connecting users with the Košutnjak.

The greenery is an integral part of both paths as it enables continuity of natural areas, supports already existing parks within the location and assures sun protection throughout pedestrian and bicycle flows as well as in facades treatment.

The important element of the proposal is open public space in the central area between two paths that regulates relation between two industrial zones of Jugopetrol and The Sugar Factory, the first being totally reinvented while the second is kept reconstructed. Here the priority is to enable the collective space that can respond to the massive gatherings and public events. Thus physical treatment of the center is envisioned as a void offering a flexible capacity to the potential activities and events.

The program of horsemanship activity - up to now treated in a way hermetically - would be opened toward wider publics by introduction of paths that lead users independently from the particular purpose of visiting the horse race. Big new tribune enlarges toward the public program by cascades in the background and finally dissolute into the green amphitheater.

In this way, a new auditorium with big capacity that relays on natural topography of the location is shared and equipped with secondary facilities assuring efficiency and activation of surrounding housing areas.

By relying on existing city connections and their further stratification, the proposal attempts to improve flows, join natural areas, and emerge new properties of the site and new event possibilities, making an assemblage of s own, but at the same time making a connecting mechanism/joint for the city as a whole.

¹¹ Ibid, (3-4)

CONCEPT of FRAGILITY in architectural design_ WEAK ASSEMBLAGES

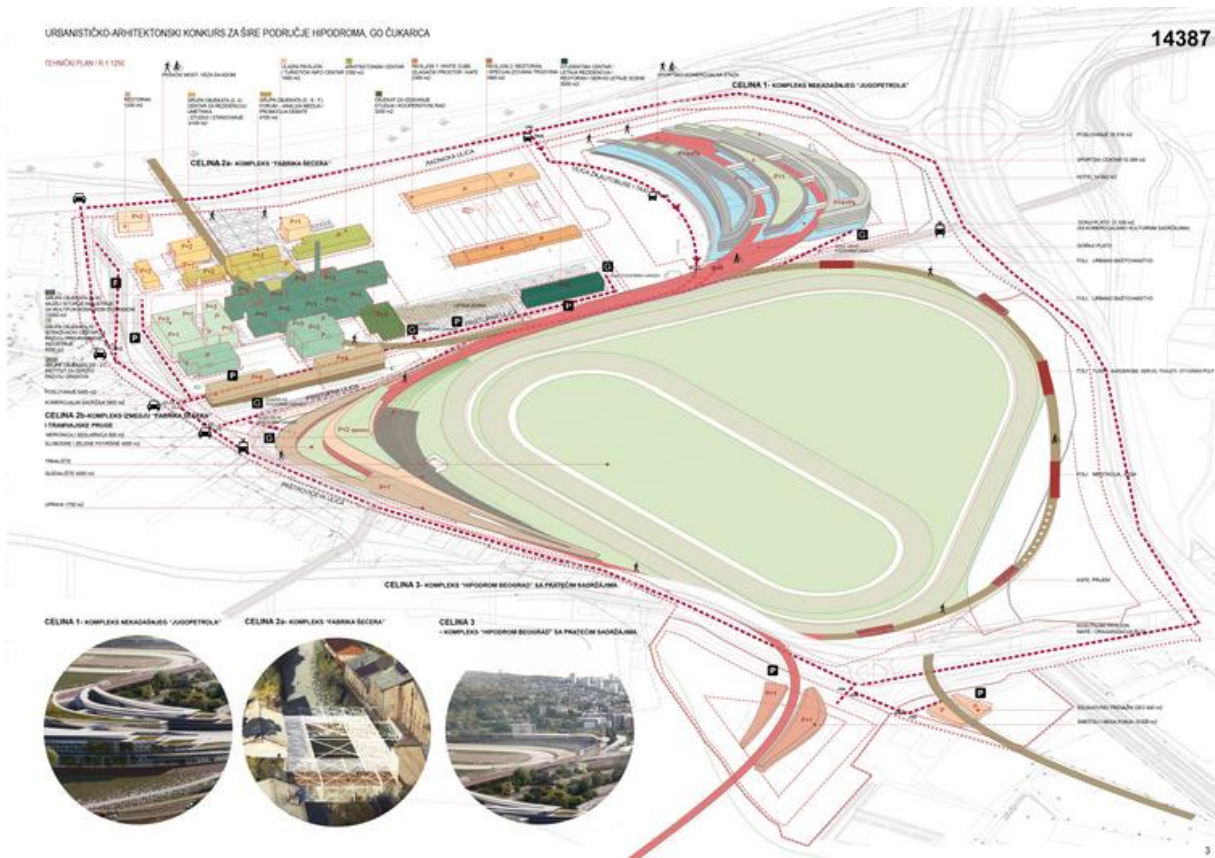


Photo 2. Competition entry: Scheme of path's and program's fluidity, interchangeability, and connectedness

Architect Kengo Kuma influenced by a destructive tsunami off the Pacific coast, formulates an interesting theory of architecture - through its weakness. Kuma dissolves the perception of the solidity of architecture in his experiments by breaking down the strength of architectural form, through the segmentation of the building material. Thoughtful treatment of the material through tracing its weak points, their joints as mechanisms of relations, and ways of their disintegration and reintegration, makes Kuma's architecture "disappear", or "be erased".

Kuma's ambition to erase architecture refers to the permeation of nature and culture to that extent so that new properties are born from their external relation, in other words, to make an assemblage of nature-culture emerge. In that way, architecture loses its solidity in interdependencies. Kuma makes weak joints of parts to make a resistant whole.

The key topic of the Wider area of the Hippodrome in Belgrade project is the relationship between parts and the whole, which is precisely the subject of assemblage theory. Key to assemblage theory is the relationship between part and whole.

If we join the parts together but in such a way that their assembly cannot be reduced to any of the individual parts, so that there is something more than the simple sum of the parts, their union creates something that does not exist in the elements separated by themselves.

Some agglomerations of parts are just simple collections, they are not assemblies, because they do not have new, special properties, properties that are not found only in parts. In order to create an assemblage, parts must interact with one another, in a way to the assemblage gets properties on its own, properties that are irreducible to the properties of the parts. Assemblages in this version can be applied to social and natural contexts by the words of Manuel de Landa. So, assemblage is a whole that is irreducible and decomposable.

The concept of assemblage was set by Deleuze precisely in relation to the concept of totality of Hegel, precisely like a counterpart.¹² Deleuze conceptualizes this term through the difference in the relationship of parts within the whole. Relationships of interiority are relations that constitute the terms of the relationship by the very fact that they are related. Their characteristics and identity are defined by the relationships themselves. They do not exist without relationships, they cannot be separated because when they are separated they are not the same as they were in the relationship. So, totality has emergence properties but is not decomposable. It is the sameness, an inseparable whole.

Smoothing over the differences in the definition of the concepts of assemblage by Deleuze and Gattari in the book *A Thousand Plateaus*, Manuel de Landa sets up his own theory of assemblage¹³. For him, the assemblage is a novelty because it also has the property of decomposition. Relations in which it is possible to separate the whole into separate parts he calls: the relationship of exteriority. The relationship of exteriority means that the parts retain their own identity in relations so that they can be pulled out of one assemblage and plugged in in another assemblage. They are not fused into the assemblage.

But in those external relations of the parts, new properties emerge, so the emergent property is a property of a whole that arises from the constant interactions between its parts. The parts must interact and exercise their capacities and must be actual, emergent properties disappear without that exercise. So, apart from that, they do not exist in separate parts without interaction, emergent properties are imminent in the parts. When component parts stop interacting, emergent properties disappear. They are not transcendent, not beyond the parts but in the interaction of the parts. Another important feature of the assemblage is decomposability.

The difference between capacities and properties is crucial for De Landa's interpretation of Deleuze's notion of assembly. The parts have their properties that are permanent and do not depend on the interaction, but the interaction is rehearsed capacity, specific to that interaction. On the counterpart, in Hegelian wholeness the parts have no properties without interactions, in Hegelian totality properties of parts themselves are defined by interactions, which would make relationships of interiority: relationships that do constitute the identity of the parts.¹⁴

"The general logic of assemblages implies the rejection of unity in favor of multiplicity, and the rejection of essence in favor of events"¹⁵, Deleuze describes as their invention of the concept of the assemblage in *A Thousand Plateaus*. The general logic of the competition entry, therefore, was to recognize capacities for new relations of all component parts of the existing site, and to rehearse their interaction in order to make always new connections, first of all, physical and then programmatic and ambient continuity.

The landscape path creates a connection between the natural surroundings and the event space on particular site. It is building a "bridge" over Radnička Street to establish a direct connection with Ada Ciganlija and naturally accepts the flow of people from that already well-developed city picnic area. Since the capacities of Ada are already small compared to the interest of the users, we saw the expansion and spilling of this content on, and over, the subject location as a natural need. By creating this physical connection, the complex of the former "Sugar Factory" achieves a new level of accessibility. In addition to users coming from the picnic area, the footbridge from the future shopping center "Ada Mall" flows onto the pedestrian overpass, so the planned cultural content becomes maximally exposed to all groups of users, especially those who did not specifically go to the cultural content. We consider this type of indirect and collateral connections to be particularly valuable for all types of non-commercial programs that are essential for the development of society and the city but are slowly suffocating under the pressure of consumer models of modern life. We consider the approach of cultural contents to the segment of entertainment, recreation and hospitality-tourism programs as the only possible sustainable concept for the development of culture.

The landscape path passes at the level above the grounds of the old factory, but at the level of the entrance to the new cultural facilities of the reconstructed complex. Furthermore, it creates extensions to the public space (platforms, squares, tribunes) that activate free and green space. The goal of this opening is to achieve

¹² Deleuze, Parnet (1987). *Dialogues*. Columbia University Press,

¹³ DeLanda (2006). *A New Philosophy of Society: Assemblage Theory and Social Complexity*. Continuum

¹⁴ DeLanda (2006). *A New Philosophy of Society: Assemblage Theory and Social Complexity*. Continuum

¹⁵ Nail, Thomas (2017), What is an Assemblage?, *SubStance*, Volume 46, Number 1, 2017 (Issue 142)

an environment that can support the public life in the city and the social interaction of groups of people who are usually separated or rarely in contact, with minimal intervention (temporary structures and landscaping). We see the landscape path as a catalyst for new connections between social groups through activities that are common to all: being in nature, in the square, or the agora where there are always possibilities for new events (cafes and pavilions with flexible purposes).¹⁶

Connecting Ada Ciganlija via the old factory complex and further along the green belt between the racetrack and the traffic loop, the landscape path ends at the south-eastern edge of the Hippodrome, where it connects with another sports-commercial flow, allowing users to make circle at the location and return to Ada via the sports and recreational path. With the other branches that separate from the meeting point of the two mentioned paths, it is possible to continue to the south of the site across the plot on which the supporting facilities of the Hippodrome complex are located, and towards Košutnjak in the direction of a future possible path that will create a connection with the sports facilities of the Košutnjak park.

The second flow is enabled by the structure that is developed from the outskirts of the former "Jugopetrol" facility, through the sports and recreational path to the Hippodrome complex. This second flow is a combined structure that again unites elements of landscaping and manifolds belonging to the "Jugopetrol" and the "Hipodrom" sites. The path enters the facilities on both mentioned microunits and forms extensions - plateaus - in contact with the facilities. So it can be said that the second flow actually consists of a path-platform that climbs from the square in front of/next to the new facility of the "Jugopetrol" unit at an elevation above the ground (elevation 85m above sea level) that bridges the tram route (which remains at an elevation below the projected path-platform) and in this way achieves continuity between the north-west and south-east parts of the competition area, which were completely separated by the tram route until now.

Enchantment of relational capacities of the site, was executed both externally and internally, making connections between all existing spatial fragments on one level that unites all movements from all peripheral directions toward the site, as well as movements between all contents of all interior parts of the site in question.

¹⁶ The landscape path is, above all, an intervention from the domain of landscape design, which along the course, from time to time, has temporary structures that change purpose, such as multi-purpose pavilions in the park (folie) where equipment can be sheltered, a temporary event/workshop can be organized or basic facilities can be provided for recreational area, without disturbing the natural environment.

CONCLUSION



Photo 3. Competition entry: Multiplicity of events by week space-program joints

Multiplicity that opens up for events, as a general logic of a project, was questioned through every aspect of the design from programmatic to infrastructural and constructive. Multiplicity of flows of people, events, and space was examined. The first flow is opened by the construction of a landscape path, which connects the north-west with the southeast of the site, and the second flow is opened by a sports-recreational path that makes an arc from the north-east to the south-west edge of the competition area.

The planned new structure of the "Jugopetrol" - "Hippodrome" flow gathers all the built and un-built elements of the context and introduces them into an assemblage that can make relations to elements of the existing infrastructure in terms of its dimensions. By introducing a system that is of the same scale (size) as the form of the bridge with its associated approaches, a dialogue with the context is realized and not a separation from it or its negation.

The mentioned assemblage consists of new facilities on the units "Jugopetrol" and "Hipodrom", a sports-commercial track/plateau that connects them and provides access to the field on both units; as well as greenery, which is an integral part of this system, because without the continuity of the natural fabric, the basic idea of connecting all found elements of the context, among which Nature is the most important, would be violated. The greenery that follows the structure of the sports-commercial track and the facilities on both units, in addition to continuing the natural environment, achieves an important result in the field of sustainability of the structure. It provides natural protection from the sun along the track and on the facades of the buildings, while on the entire "Hippodrome" the existing old greenery becomes the basic parameter for the perforation of the sports-commercial path. In this way, the flow of people and events is achieved, but smoothly, so that natural heritage is emphasized, and opened toward a network of paths that enable its more active use.

The character of new built tissue of "Jugopetrol"- "Hipodrom" connection is therefore fluid following the functional determinants of the requested programs. The main facility of the "Hippodrome" complex is

determined by the geometry of the new, significantly enlarged tribune (which integrates the protected objects of the royal tribunes and the grand tribune), which also enables significant capacities for parking and service spaces in the slope between the tribunes and the tracks. At the highest elevation of the plateau, the basic programme of the "Hippodrome" is expanded with mix use and commercial programs, located on an extended platform that arises from the sports and recreational path. In this way, the sports program is opened and popularized to a wider group of users, who did not know much about equestrian sports, nor did they come specifically for it.

These collateral effects of making always new connections, new relations, that are rehearsed capacities of existing parts of the context, we find as project content. Collateral effects are weak in structure, they are fragile as they exist only while a relation is actual. This approach, which always recognizes the relational capacities of all existing parts of the context, respecting their heterogeneity and autonomy, and tracing possibilities for weak joins, would be an open-ended model that can survive all controllable or collateral events in the city development.

Fragile movements of connections, and connecting manifolds of landscape and buildings, achieve sustainability of the whole. In the new event scenario, this location must not repeat the existing errors of program isolation and non-activation, due to which the physical structure is devastated, and the programs die.

"Flexibility and softness are the embodiment of life. That which has become hard shall not triumph."

Andrei Tarkovsky *Stalker*¹⁷

REFERENCES

- Rajchman, John. (2000). *The Deleuze Connections*, MIT Press
DeLanda, Manuel. (2006) *A New Philosophy of Society: Assemblage Theory and Social Complexity*. Continuum
Deleuze, Gilles. (1953-1974) *Desert Islands and Other Texts*,. Semiotext(e), 2004
Deleuze, Gilles. (2001) *Difference and Repetition*. Translated by Paul Patton, Continuum
Deleuze, Guattari. (1987) *A Thousand Plateaus: Capitalism and Schizophrenia*. Continuum, (2008)
Deleuze, Guattari (1994). *What Is Philosophy?* Translated by Hugh Tomlinson and Graham Burchell, Columbia University Press
Deleuze, Parnet. (1987) *Dialogues*. Columbia University Press
Nail, Thomas. (2017) *What is an Assemblage?* SubStance, Volume 46, Number , University of Wisconsin Press, pp. 21-37

¹⁷ <https://www.imdb.com/title/tt0079944/characters/nm0435289>

AUTHOR INDEX

A

dr. sc. **Denis Ambruš**, B.Sc. Born in 1970 in Osijek, Croatia. He graduated from the Faculty of Architecture, University of Zagreb, holds a master's degree from the Faculty of Civil Engineering and Geodesy, University of Ljubljana - Interdisciplinary Postgraduate Study of Spatial and Urban Planning, and a PhD from the Faculty of Architecture, University of Belgrade. Winner of two first, second, third prizes, mention and special recognition at the Zagreb Youth Salon in urban-architectural competitions. In co-authorship with Vlatko Dusparić, he published the book *Vraćanje grada*. He is an employee of the Faculty of Civil Engineering - University of Rijeka.

B

Damjan Balkoski, born on April 25, 1994. Graduated (2015) and holds a Master's degree (2017) of urbanism at MIT University - Skopje, Faculty of Architecture in the Republic of North Macedonia. From 2017 he is enrolled in doctoral studies at the University of Belgrade, Faculty of Architecture in the department of urbanism. Since 2018 he has been working as a teaching assistant at the Faculty of Architecture at MIT University - Skopje. Till today, he has published 2 books and over 25 research and scientific papers in international and domestic journals for architecture and has participated in numerous international and domestic conferences and architectural exhibitions.

General research interests: *placemaking, sustainable development, urban design, urban morphology, urban planning*

Svetlana Batarilo, PhD, Assistant Professor at University of Belgrade - Faculty of Traffic and Transport Engineering. Her specific field of interest is urban morphology, focusing on the relationship between architecture and sociology. She participated in architectural and urban competitions, where she was awarded. She is active participant of professional scientific conferences in Serbia and abroad.

Dr Aleksa Bijelovic

A life in education and practice — making places, objects, and conditions to draw people into new relationships. Focused on creative-based and non-traditional research, decoding the links between learning, teaching, industry, and practice. Enjoys rethinking the obvious positions and values the importance of independence and integrity, the flexibility of work.

Holds an artistic doctorate in architecture from the University of Pécs, Hungary and a graduate engineer diploma in architecture from the University of Belgrade, Serbia.

Andelka Bnin-Bninski, PhD is an architect engineer, educator and curator with specializations in theory of arts and media and architectural philosophy. She is engaged in multi- and trans-disciplinary design-driven approach and acts on critical strategies and activist tactics of research in architectural practice. She is affiliated with the University of Belgrade – Faculty of Architecture and associated with laboratory Grepbau in Paris and is representative for the ARENA architectural research network.

Natalija Bogdanović (Kragujevac, 1988) is an architect. She completed her bachelor and master academic studies at the Faculty of Architecture of the University of Belgrade. She is enrolled in doctoral academic studies at the Faculty of Technical Sciences of the University of Novi Sad, study programme of Architecture and Urbanism, and doctoral artistic studies at the Faculty of Applied Arts of the University of Arts in Belgrade.

She has been employed at the Faculty of Philology and Arts of the University of Kragujevac since 2014, and since 2017 as an assistant professor. Since 2019, she is a chief of the Interior Architecture study program. She participated in several national and international exhibitions, competitions and workshops. As a member of the author's team of the National Student Section of the National Performance of Serbia, she participated in the Prague Quadrennial in 2015, where Serbian artists were awarded the "Gold Medal for Establishing Dialogue". She participated in the organization of the international summer school of architecture - EASA "Reality" held in Kragujevac in 2021.

In parallel, she deals with designing in the fields of architecture and interior design, as well as different formats of artistic projects. Since 2017, she is the founder and president of the professional association "URBANIUM - Centre for Research and Sustainable Development of Architecture and Urbanism" and manager of the "Days of Architecture in Kragujevac" project. Together with architect Aleks Đurić, she leads the design practice - ADDICTED design studio. Areas of interest: Interiority as a concept of breaking disciplinary boundaries between interior, architecture and urbanism, Architecture as an expanded field of action, Modernist architecture of Yugoslavia, memorial architecture, spaces of spectacle.

Petar Bojanić, professor of philosophy, studied at the University of Belgrade and at the École des Hautes Études en Sciences Sociales (Paris), where he received his master 1997. In 2003, he received his PhD from the University of Paris X. Bojanić was director of the Institute for Philosophy and Social Theory (IFDT) at the University of Belgrade (2010-2020). He directs the Center for Ethics, Law and Applied Philosophy (CELAP) in Belgrade and the Center for Advanced Studies – South East Europe (CAS) at the University of Rijeka. He has held numerous fellowships and visiting professorships, including at the Society for Humanities at Cornell University, the Centre for Modern Thought at the University of Aberdeen, the Institute of Advanced Studies at the University of Bologna and Torino, the Institute for Advanced Studies in Bonn, etc. Bojanić's research is focused on the political philosophy, philosophy of law, architecture, phenomenology, social ontology, theory of institutions and Jewish political tradition. His book *Violence and Messianism* has been translated in seven languages. This year is published his book *In-Statuere*. Figures of Institutional Building (Vittorio Klostermann, Frankfurt am Main, 2022) and new edition of *Peter Eisenman. In Dialogue with Architects and Philosophers* (eds. P. Bojanic & V. Djokic, Mimesis International, Milano, 2018).

C

Divya Chand

Divya is an urban researcher, architect, and co-founder of Lokal Habitat Labs. Her recent research has explored inter-disciplinary, adaptive practices to enable resilience in self-constructed housing in the Indian context. In this project, she approached studying urban housing through the decision-making processes of home-owners in Indian cities and various stakeholders working with them directly to enhance their socio-technical agency. She is a fellow with the Ministry of Housing and Urban Affairs, Government of India, working on an action research project on urban water bodies and lake rejuvenation, aspects of knowledge dissemination and citizen awareness on ecosystem services and green infrastructure solutions.

Dr. **Barbara Charalambidi** is a Civil Engineer, a graduate of the Department of Civil Engineering of Democritus University of Thrace (2008), from where she completed her Master's and then her Doctoral studies, in 2016, with an Honors degree. Today she maintains her own static design studio and is an Adjunct Lecturer in the department of Architectural Technology and Construction, School of Architecture, Technical University of Crete, carrying out teaching and research work. Her research interests are in the field of computational analysis of structures and the design of restoration methods and application of reinforcement methods with composite materials. She is a member of the Technical Chamber of Greece and the American Society of Civil Engineers and a reviewer for the journals ACI Structural and Materials Journals (ACI), Journal of Materials in Civil Engineering (ASCE).

D

Nataša Danilović Hristić, PhD, Senior Research Associate

Research fields: urban planning, detailed regulations, public spaces, urban safety, architecture of fear, sustainable development. The author of over 100 scientific papers in international and national journals and international and national conferences. Participated in several national and international scientific projects. Managed and participated in more than 30 urban and spatial plans as a lead urbanist. As a co-author or author, she has won several awards and recognitions at international and domestic competitions and exhibitions.

F

Miloš Florián founded and ran the studio FLO | W_studioflorian.com. He believes software is the driving force in all architectural and urban planning stages. Inspiration comes from the diverse principles of nature reflected in the algorithmic planning processes of buildings and urban spaces. The environment is defined as a dynamic space that is increasingly shaped by artificial intelligence algorithms and new forms of interactivity related to virtualization and technologies such as big data analytics, computer simulations, advanced materials, systems and structures, 3D/4D printing, robotic systems, synthetic biology, and human coding. Algorithmic planning focuses on the paradigm shift from static to adaptive to autonomous structures that work together and with the environment and users. The studio's outputs have won numerous awards. They are presented not only through posters, videos, virtual reality, dissertations, and e-manufacturing models but also through exhibitions, symposia, and workshops with leading international studios and universities.

Jaroslava Frajova

Assistant at VŠVU / AFAD (Academy of Fine Art nad Design in Bratislava). Ph.D. student, a technician in a laboratory at the Technical University of Liberec. Studied sculpture, drawing, and painting at Akademia Sztuk Pięknych im. She studied at Władysław Strzemiński Academy of Fine Arts in Łódź and studied Textile cloths engineering at the Technical University of Liberec. She studied Fiber art at VŠVU / AFAD. Studied Textile, future fashion at Akademie der bildenden Künste Wien.

G

Ranka Gajić, PhD, Assistant professor at the Faculty of Traffic and Transport Engineering, University of Belgrade in Serbia. She has been involved, both as an associate and team leader, in drafting town planning documentation for cities in Serbia. Author of one Monograph, supplementary textbook and over 80 published conference papers. She is a vice president of the Association of Engineers of Belgrade and a member of the ISOCARP. Scope of research: urban morphology, sustainable development of cities, sustainable urban land use.

Cenk Güzelis is an architect, researcher, and media artist based in Innsbruck, Austria, currently holding a position as a University Assistant and PhD fellow at ./studio3, the Institute for Experimental Architecture, in Innsbruck University. His design projects, teaching, and research examine hybrid modes of spatiality and embodied telepresence through performative new media installations revolving around online culture, ubiquitous computing, automated cognition, post-human critique, media studies, IoT, and spatial internet.

I

Senka Ibrišimbegović was born in 1979 in Travnik, BiH. She finished her high school education in Switzerland. She is Associate Professor at the Faculty of Architecture, University of Sarajevo, where she got her engineering and doctoral degree with academic mobility programs at YU Istanbul, at MIT, Cambridge, TU Wien, Université Paris 8 and Master of Science from Università di Siena, Italy. She participated in international scientific and professional conferences, projects and exhibitions, such the one at Collateral events at 15th Venice Architecture Biennale with UTT ETH Zürich. As a member of Museum of contemporary art Ars Aevi Sarajevo since 2004, she works on implementation of architectural design by architect Renzo Piano, as well as diverse exhibition set-ups. She commissioned the exhibition of Bosnia and Herzegovina Pavilion at the 58th Venice Art Biennale. She is a member of ICOM, CIMAM, ATINER.

Lais Ioanna Margiori is a student of Architecture at the Technical University of Crete (TUC). She has completed a variety of projects in architectural and urban design. She has taken part in various architectural competitions and research projects in the subjects of Covid-19 spreading, users experience in public spaces through ICT and alternative penal approaches.

Ir **Milena Ivković** MSc Arch is a Dutch-Serbian public space designer and civic participation innovator. Her multicultural background and international work experience as a designer - from the Netherlands and the Balkans to Africa and Asia - define her experimental and unique approach to urban planning practice. Milena is a Creative Director of BLOK 74, the Office for Urban Simulations and Urban Communications, based in Rotterdam (NL). BLOK 74 develops analogue and digital tools to manage co-design processes in urban planning, focusing on place-led participation, and provides services for scientific research visualisations. She leads the Association Placemaking Western Balkans - based in Belgrade, Serbia - a non-profit organisation to help create better public spaces for everyone. The Association is applying the practice of placemaking in the South East Europe region. Milena Ivkovic is since 2022 a Executive Board Member of the Placemaking Europe Foundation in Amsterdam, NL.

K

Anna Karagianni is an Assistant Professor of Architectural Design at the School of Architecture, Technical University of Crete, focusing on smart technologies in built space. She has been involved in research and design projects in Greece, Spain, France, US, UAE, India and Japan. Anna received her Diploma in Architecture from the School of Architecture, University of Patras, a Master's Degree (MSAAD) from Graduate School of Architecture, Planning and Preservation (GSAPP) at Columbia University in the City of New York and a Ph.D. on Digital Media Strategies in Architectural Design, from School of Architecture, Technical University of Crete.

Sai Kelkar

Sai is an architect from the School of Environment and Architecture (SEA), Mumbai. She currently works at the Lokal Habitat Labs as an architect, involved in creation of handbooks and rethinking architectural visualization. She has experience working with a local architecture firm based in Vasai, where she worked on residential design and interiors and had also taken a summer internship at People Place Project, Andheri where she worked on collecting everyday stories from the neighborhood and representing them in the form of a graphic novel.

Tamara Klicek is living and working in Taiwan since 2017. She is affiliated with the National Taipei University and International Program on Urban Governance. The main interest of her research are cities in terms of creative solutions for well-being and quality in the life of contemporary cities and their empowerment in terms of urban diplomacy.

Jan Koníček is an architect, designer, and Ph.D. student at FUA TUL. In 2020, he studied architecture at the Faculty of Art and Architecture at TUL, where he completed design studios under the guidance of doc. Ing. arch. Miloš Florián, Ph.D., prof. ing.arch., acad.arch. Jiří Suchomel and Ing. Arch. Mag. by arch. Saman Saffarian. Currently, under supervisor Miloš Florián, he studies nanofiber structures and nonwoven textiles in architecture at FUA TUL.

Oungrinis Konstantinos – Alketas, Professor, Architectural Design and Innovative Architectural Technologies. Architect-Engineer, Aristotle University of Thessaloniki (AUTH) (1994). PhD in Architectural Studies and Building Technology, AUTH (2009). Visiting Research Associate, Harvard GSD (2004-2006). He has collaborated with researchers from the Harvard FAS, MIT Media Lab και MIT CSAIL. Adjunct Professor, Department of Architecture, AUTH (2006-2009). Adjunct Professor, Department of Architecture, Technical University of Crete (2008-2011). Assistant Professor, School of Architecture, TUC (2012 – today). Director of the Transformable and Intelligent Environments Laboratory (TIE Lab), School of Architecture, TUC (2011 – today). His work on dynamic, human-centered architecture involves research on kinetic structures, smart materials and responsive control systems for the creation of intelligent environments that can respond actively with 'sense' to the needs and wishes of people. His research specializes in transformable environments, activity-based design methods, time-space relationships, user-experience design, educational environments and spaces within extreme environmental conditions. He has developed two specific approaches for the successful implementation of IT in design titled Spatial Economy and Sensponsive Architecture. His work has been presented and published extensively through international conferences and also through design and fabrication workshops. His thematic areas of study are interdisciplinary, rooted in the field of architecture and from there on branching out mainly into the domains of psychology, neuroscience, electrical engineering and computer science. He is the author of two books: 1) Transformations: Paradigms for Designing Transformable Spaces (2006) Harvard GSD Design and Technologies Report Series, Cambridge, MA and 2) Transformable Architecture: Movement, Adaptation, Flexibility (2011) ION Publishers, Athens. He also writes sci-fi novels. During 1995-2012 he worked in a large number of architectural design and construction projects in Greece and abroad. In 2008 he received the Europe 40 under 40 Architecture Award. Currently he holds a consultant's position at the 124|SKG Architects research and design office.

Milena Kordić, PhD, Assistant Professor at University of Belgrade - Faculty of Architecture, Department of Architecture. Her specific fields of interest include practical design as well as interior design theory, focusing on the relationship between architecture and philosophy. (*In-Between Space* (Zadužbina Andrejević, Belgrade 2012)). Active in professional competitions with a significant number of rewarded competition entries, author of several built objects and many interior designs, her work is oriented toward making new connections between theory and practice.

Aleksandar Kostić is an awarded architect and educator. He practiced architecture in Serbia and in Ireland and is now the Head of Architecture Research Group and Lecturer in Architecture at the South East Technological University (SETU) in Ireland, where he leads the team of tutors in the final year of Architectural Design Studio. He holds a doctorate from the School of Architecture at the University College Dublin (UCD) in the field of design theory. His research broadly explores intersections between philosophy and architectural design. Recently his findings were published as book chapters and articles. He is a member of the All-Ireland Architecture Research Group Steering Committee, a member of the Centre for Platonic Studies at the Department of Philosophy in Trinity College Dublin and a member of ISPA - International Society for the Philosophy of Architecture.

Mateja Kurir is a philosopher, researcher, editor, and project manager. Her research interests focuses on modern and contemporary architecture and its social and political context. With a doctoral thesis on the architecture in modernity, she obtained a PhD from the Faculty of Arts, University of Ljubljana. She publishes articles focusing on the intersection between architecture and philosophy in scientific journals and other periodicals; as a member of the Radio Student, she prepared a series of radio shows *Arhitektura govori* (*Architecture Talks, 2012-13*) and *Misliti arhitekturo* (*Thinking Architecture, 2017-18*). She was visiting researcher at the Department of Architecture, KU Leuven University, Belgium (2015), and postdoc researcher at the Center for Advanced Studies, University of Rijeka, Croatia (2017). Currently, she is the manager of LINA, the European Architecture Platform. She published *Arhitektura moderne in das Unheimliche: Heidegger, Freud in Le Corbusier* (Institute of Nova Revija, 2018) and co-edited *Garden and Metaphor* (Museum of Architecture and Design, Ljubljana and Biotechnical Faculty, University of Ljubljana, 2021) with Ana Kučan. She is the editor of the monograph *O oblasti v arhitekturi* (*On Power in Architecture*, Igor Zabel Association and Maska, 2021) and author of a series of symposiums *On Power in Architecture* (organized by Igor Zabel Association, 2017–19). As the editor of *On Power in Architecture*, Kurir received the Plečnik's Medal 2022 in the field of architectural theory, criticism, and publication.

Anastasia Kyriakopoulou is an Architect, a graduate of the School of Architecture of the Technical University of Crete TUC and a member of the Technical Chamber of Greece. She holds a Master of Science in Integrated Product Design and Innovation from Aegean University, focusing on service design. She worked as a tutor in the area of digital fabrication, in the Maker Space of Athens and in IAAC, through the Erasmus + program. She has been involved in numerous research projects in Greece and abroad. Her research interests are in the areas of architectural and urban design, designing methods and the implementation of IoT in the city. Since 2019, she has been working at the Public Maker Space of Athens (Gold Award at the Education Leader Awards 2019,2021) created in the framework of the "Learning Better This Way" programme of the Municipality of Athens, implemented by TUC TIE Lab under the coordination of the Athens Partnership and with the Stavros Niarchos Foundation as exclusive donor. She has received an Erasmus + scholarship which was conducted at IAAC, her diploma thesis has been awarded as one of the thirty one best practices of Urban Design on Public Play Space (PPS) which, is a project co-funded by the Creative Europe Program of the European Union and developed by IAAC, BUas, and CLAC. She also got funded (2022) by the Region Of Crete in order to further research the implementation of IoT in the city.

L

Nora Lefa

Nora Lefa, MA, MSc, PhD is a Visual Artist and Architect. She holds a PhD by the School of Architecture, University of Sarajevo; a Master's Degree (MA), Arts et Technologie de l'Image Virtuelle from Université Paris 8 and Athens School of Fine Arts; a Master's Degree (MSc) from the National Technical University of Athens; and a degree in Architecture from the University of Patras, Greece.

She has worked for and with many renowned architects in Greece (most notably Manos Perrakis).

Her artistic and research projects have been presented in venues in Athens, Mykonos, London, New York, Paris, Zurich, Belgrade and Sarajevo. She has presented papers in several conferences and exhibitions, she organized three international conferences, she was session cheer in several conferences, and part of jury in art and architecture exhibition. Her book *Buildings Used, Human Interactions with Buildings* (co-authored with Pavlos Lefas) was published by Routledge in 2019.

Pavlos Lefas

Professor, History and Theory of Architecture, Department of Architecture, University of Patras, Greece.

He has translated into Greek and commented on Vitruvius's *De Architectura*, Athens: Plethron, 1997- 1998. His books include: *Athens, A European Capital*, Athens: Dodoni 1985 (in Greek), *The Future of Cities*, Athens: Plethron 2002 (in Greek); *Dwelling and Architecture: From Heidegger to Koolhaas*, Jovis, Berlin 2009; *Architecture. A historical Perspective*. Jovis, Berlin 2014 (English); *Desino*, Buenos Aires 2016 (Spanish); *CABP*, Beijing 2018 (Chinese); *Neraida*, Tirana 2019 (Albanian); *Buildings Used: Human Interactions With Architecture*, Routledge, Abington 2019 (with Nora Lefa).

He is a registered architect, and has won distinctions in several national and European architectural competitions.

Katarina Lončarević (1978, Kragujevac) studied at the Faculty of Applied Arts, University of Belgrade (1997-2002), gaining the title Master Designer. She completed Executive Master degree in International Business Economics & Management and HEC France, attending in Faculty of Economics and Business, University of Belgrade in period 2006-2007. She completed doctoral studies (2014-2019) at the Faculty of Applied Arts, University of Arts in Belgrade, gaining the title Doctor of Arts-Applied Arts and Design. She is the owner of *EROR architecture studio* and works as associate professor at Faculty of Applied Arts, University of Kragujevac.

Iva V. Lokas, born Šibalić in Belgrade (1995), where she graduated from the School of Design (2014) as a student of the generation and with an awarded graduation thesis. She completed the Bachelor Academic Studies in Architecture (2019) and the Master Academic Studies in Interior Architecture (2021) at the Faculty of Architecture in Belgrade. She is currently a student of Doctoral Academic Studies in Architecture and Urbanism. She begins her research work by preparing a Master's final thesis under the theme "Contemporary Spectacle - Currents of Culture" which she successfully defended with a grade 10 of 10. The focus of the research work, in doctoral studies, is defined by examining the influence of subculture on the shaping of space. She is engaged in teaching work at the University of Belgrade - Faculty of Architecture as an associate without employment (since 2018).

M

Milica Maksimovic is an interdisciplinary designer with years of professional experience in various fields of design practice. Founder and partner of independent creative practice Petokraka. Currently based in Perth, Western Australia.

Polyxeni Mantzou, architect (NTUA), MSc (ETSAM UPM), PhD (ETSAM) Post-Doc (NTUA), is a Professor of Architectural Design and New Technologies at Democritus University of Thrace, Greece. She has broad experience in graduate and postgraduate education; member of numerous PhD Committees; invited professor in ETSAM (2016-7) and the Director of the Visual, Audio-visual and Electronic Applications LAB in DUTH. Her work combines architectural projects, both edificatory and urban and the research on the use of digital media in architectural design. She has been awarded in architectural competitions; has published books and articles; has participated in national and European research projects.

Hristina Meseldžija (born Stojanović), M.Arch., was born in Belgrade in 1991, where she lives and works. She graduated from the Faculty of Architecture in Belgrade (2015), where she is currently pursuing her doctoral studies and working as a teaching assistant at the Department of Architecture (since 2017). Through her academic and practical research, she examines various roles of drawing in the architectural design process.

Thomas Mical is Professor of Architectural Theory, now living and researching in the Himalayas. He completed his professional M.Arch. from Harvard GSD and his Ph.D. From Georgia Tech. He has taught more than 50 design studios globally and has been a tenured professor in the US, Canada, Australia, and New Zealand. His work in architectural theory increasingly traces the emergence, mutation, duration, and diffusion of concepts into and across disciplines. His transdisciplinary Ph.D. students work in diverse practice-led knowledge production assemblages across the Spatial Arts.

Marija Milenković is a PhD student in architecture at University of Belgrade – Faculty of Architecture. She works as a teaching assistant at the Collage of Fine and Applied Arts in Belgrade. Her research area is energy efficiency and energy performance of buildings in Belgrade. Besides the scientific work and research, she works in practice designing and elaborating architectural projects.

Nenad B. Miloradović was born in Belgrade, Serbia. He is a mechanical engineer with almost 35 years of experience in PUC Belgrade Power Plants, as an engineer for thermal energy distribution. He published the book 'Thermal aspects of building construction' in the field of energy-efficient buildings and sustainable development in Serbian in 2009. The book's reviewers were an architect and a mechanical engineer. During 2012 he was a contributor to the 'Eco-house magazine' in the Serbian language. His paper from 'REHVA Journal', 53(5)/2016, entitled 'Lepenski Vir – the prehistoric energy-efficient architecture' was included in the bibliography of the online 'World history encyclopedia' in the article about Lepenski Vir in 2020. He was awarded by the Serbian HVAC&R Society (KGH) in 2016 and 2019 for his contribution. With his 'Neolepenism house' project, he participated in the 'OA 2020' exhibition and with his team at the 'Future Architecture Platform' in 2021.

Aleksandra Milošević Pantović is an assistant in the Department of Architecture at the Union „Nikola Tesla,, University in Belgrade, as well as a doctoral student at that University. She completed her undergraduate and master's studies at the Faculty of Architecture at the University of Belgrade. As an architect, she worked in the offices of Atelje, Teatar light, Ar Tech, and in companies that needed design knowledge, City expert, Drvo trade, Dumis, she also deals with reconstruction and interior design. She deals with research on the topic of sociology of housing and forms of housing.

Nedim Mutevelić is an architect who lives and works in Sarajevo. Educated at Faculty of Architecture in Sarajevo (2005-2011) and at Barcelona School of Architecture - ETSAB (2009-2010). Co-founder of FILTER architecture (2009), one of the most prosperous young architectural studios in Bosnia and Herzegovina (www.filter.ba) Co-founder of LIFT - spatial initiatives (2012), an non-governmental organisation that organizes lectures, exhibitions and interactive installations about urban phenomena (www.l-i-f-t.org) Elected as Steering committee member at Architects' Association in Bosnia and Herzegovina - AABH (2012). Nedim holds a master's degree in architecture and he has received a number of awards at local and international public competitions: Grand Prix Collegium Artisticum (2013), first prize in the Competition for a monument/scenography to erased citizens (2013), second prize in the International competition for the urban-architectural concept design for the Badel Site Zagreb redevelopment (2012), second prize in the Competition for Memorial 2nd of May 1992 Sarajevo (2012), first prize for the best conceptual project in International contest for the public space project - Trimo Urban Crash (2011), first prize in the Competition for Historical park of Medieval Bosnia (2009), first prize in the Competition for public space Sevdah Square (2008). He is teaching Assistant at Faculty of Architecture, University of Sarajevo from 2017.

N

Marina Nenković-Riznić, PhD, Senior Research Associate

Research fields: spatial and urban planning, methodology for SEA and EIA–multicriterial analysis and modeling approaches, resilient cities, location theory, application in GIS. The author of over 160 scientific papers in international and national journals and international and national conferences. Managed several national and international scientific projects. Participated and managed the preparation of planning, project and study documentation and SEA as a lead planner. As a co-author or author, she has won several awards and recognitions at international and domestic competitions and exhibitions.

Sanja Nikolić

Currently engaged as Research Scholar at Institute of Architecture and Urban & Spatial Planning of Serbia (IAUS), working on architectural projects, research and competitions. Second year student of PhD Program Architecture and Urbanism at University of Belgrade, Faculty of Architecture. Finished Bachelor studies at the same University in 2017 and graduated from Politecnico di Milano in 2020. Worked as an intern at ATI Project, Milan and at VMX Architects, Amsterdam. Research topics within PhD studies are based in the field of aesthetics in architecture, with the focus on the theme of aesthetic immersion in architectural and art projects.

Sotirios Ntzoufras is an Architect, a graduate of the School of Architecture of the Technical University of Crete TUC and a member of the Technical Chamber of Greece. He is a PhD candidate at the School of Architecture and Engineering TUC on the topic "Robotic swarms in architecture". He worked as a teaching assistant in the area of architectural technology, in the School's fabrication laboratory and the TUC TIE Lab and he has been involved in numerous research projects in Greece and abroad. His research interests are in the areas of architectural and structural design, transformable intelligent environments, automation systems, designing methods and digital tools for Virtual Reality Environments. Since 2017, he has been working as the manager of the Public MakerSpace of Athens (Gold Award at the Education Leader Awards 2019) created in the framework of the "Learning Better This Way" programme of the Municipality of Athens, implemented by TUC TIE Lab under the coordination of the Athens Partnership and with the Stavros Niarchos Foundation as exclusive donor. For his studies at the Technical University of Crete he has received a scholarship of excellence and has 10 publications in scientific conferences/journals and 4 awards (2 gold and 2 silver).

O

Katarina Ognjenović

Born in Šabac, 1996, graduated at University of Belgrade, Faculty of Architecture in 2020. Currently a PhD Student at Faculty of Architecture and working as architect at architectural studio: Cook-Haffner Architectural Platform. Field of interest within architecture focused on researching the appearance of an architectural object through theoretical and practical experiment.

P

Eleftheria Papadosifou studies Architecture at the Technical University of Crete (TUC) since 2017. She has taken part in architecture workshops concerning green design strategies and an architectural competition regarding the restoration and reuse of a traditional building complex. Apart from that she has taken part in research on the topic of users experience assessment in public spaces through ICT and a business competition representing a smart cities project on domestic violence.

Antonios Papamanolis is an Architectural Engineer and a member of the Hellenic Technical Chamber. He has a PhD from the school of Architecture of the University of Patras, on Digital Design Education, titled "Digital and Computational Coordinates: Towards an interpretation of the introduction of digital and computational design in architectural education". He specializes in Digital Design Education in Architecture, Digital Fabrication and Design Thinking. Besides his work as a freelance architect, he has worked at the University of Patras School of Architecture as the Prototyping Lab Administrator, as an external inspector of European Programs for the Western Greek Chambers of Commerce as well as an Adjunct Professor at the Guglielmo Marconi University of Rome. Since 2019, he is a Researcher at the Transformable Intelligent Environments Lab of the School of Architecture of the Technical University of Crete. He is also the Assistant Project Manager of the Athens Municipal Makerspace. His research focuses on the Introduction of Digital Media in Architectural Pedagogy, Maker Education, as well as the integration of Computational and Participatory Design Processes.

Phd **Bojana Pašajlić** (1990, Kragujevac) graduated from the Faculty of Philology and Arts, University of Kragujevac (2009-2013), holds a master's degree from the Faculty of Applied Arts, University of Arts in Belgrade (2013-2014) with master project "Art Center - Adaptation and Reconstruction of the Military Technical Institute in Kragujevac" and Phd from the Faculty of Technical Sciences, University of Novi Sad in 2020, with doctoral dissertation "Trade buildings created from the turn of the XIX to the first part of XX centuries in Kragujevac - identity and role of the media". Since 2021 she works as assistant professor at Faculty of Applied Arts, University of Kragujevac, Department of Interior architecture, teaching a group of courses in the field of Stylistic Architecture.

During the past years, she was a participant in numerous collective exhibitions in the country and abroad. She is involved in scientific research in the field of architectural history and philosophy. The main framework of her theoretical research is History of architecture in 20th century, architectural heritage and cultural heritage, especially in the area of Kragujevac. She is engaged in independent practice in the field of interior architecture and design.

Nevena Petrović, Master of Architecture [1997, Arandelovac, Serbia], graduated in 2021 at the University of Belgrade – Faculty of Architecture. During her studies, she participated in numerous exhibitions of the most successful student works. She participates in numerous architectural competitions and exhibitions. It directs special attention to research in the preservation of architectural heritage, as well as its preservation and revitalization. She is the participant of the *Art Project H3O2 Vol. 1* and co-author (with Miloš Stojković Minić and Dušan Stipić Dudwarszky) of the *Art Project H3O2 Vol. 2*.

dr. **Mila Pucar**, dia, Principal Research Fellow

Expertise: climate change, bioclimatic planning and design, development of cities, energy efficiency in building, passive solar architecture. Research fields: bioclimatic planning and design, implementation of renewable energy sources in planning and design, energy efficiency in building, passive solar architecture, environmental protection, studies of public participation in environmental processes, architectural design and urban planning and tutorial work and publishing, new methodological modules for establishing resilient cities, sustainable urban development, teaching and co-mentoring at PhD studies. Participated in scientific research projects as a team member or project manager, 7 international monographs and 32 national monographs and published more than 293 papers in the international and national journals and conferences, 17 technical solutions. As inventor and co-inventor she was granted fifteen patents, 25 evaluation studies, 15 key-note papers and other lectures on invitation. She has worked in projects, programs, preliminary and detailed projects, investment programs, regulatory and general plans, urban design projects etc.

R

Ivana M. Rakonjac, born in Belgrade, graduated from the University of Belgrade – Faculty of Architecture, got B.Arch., M.Arch. and a Ph.D. degree in the field of Architectural Design and Contemporary Architecture (2016). Employed at the same faculty at the Department of Architecture as an Assistant Professor. Her work is oriented toward making connections between theory, scientific research and practice. She has published numerous papers in publications, scientific conference proceedings, as well as several articles in an internationally rated journal. As an author and a member of the team, she designed numerous architectural projects – multiple completed interiors, as well as several built buildings and open public spaces. She regularly participates in national and international architectural exhibitions. She is a founder of Meteor studio – architectural practice in a field of architectural, interior, lighting design, and urban planning.

S

Sanja Simonović Alfirević, PhD, Senior Research Associate

Research fields: architectural and urban planning, theory of architecture, visual arts, habitology, energy efficiency. The author of over 100 scientific papers in international and national journals and international and national conferences. Participated and managed several national and international scientific projects. As a co-author or author, she has won several awards and recognitions at international and domestic competitions and exhibitions.

Shweta Sundar

Shweta is an architect and urban planner, hailing from Mumbai, India. She is the co-founder of Lokal Habitat Labs, an architecture and urban research do-tank, based in India. Her experience and interests lie in low-income housing, production of spatial informalities, community infrastructure development and housing in rural areas, and building with natural materials. Shweta graduated as an architect in 2017 from School of Planning and Architecture (SPA), New Delhi, and is currently pursuing her Master of Urban and Regional Planning at University of California, Los Angeles.

Igor Svetel graduated from the Faculty of Architecture at the University of Belgrade. During the studies he started to be interested in applying computers in architectural design. In 1987 he was one of the team members who developed the GIMS Expert, a computer system for designing prefabricated buildings. During the 90's, he has developed numerous experimental programs for computer assisted architectural design with the emphasis on modelling the design process. From the middle of 2000, he focused his attention on BIM technology and led two technological development projects with the topic of using BIM technologies in architectural design. Now, he is the member of the subcommittee for standards KS U442, Information modelling of objects – BIM. He is the author of numerous papers in domestic and foreign publications.

Nebojša Stefanović, PhD, Senior Research Associate

Research fields: spatial and urban planning, implementation, urban safety, methodology for spatial plans for special purpose areas. The author of over 100 scientific papers in international and national journals and international and national conferences. Participated in several national and international scientific projects. Managed and participated in more than 30 spatial and urban plans as a lead planner. As a co-author or author, he has won several awards and recognitions at international and domestic competitions and exhibitions.

Dušan Stipić Dudwarszky, MA of Fine Arts (1996, Belgrade, Serbia), enrolled in bachelor academic studies at the Faculty of Fine Arts in Belgrade in 2013, after completing the second year of art high school. He is currently in his fifth year of PhD art studies at the Faculty of Fine Arts in Belgrade, under the mentorship of prof. Vesna Knežević and Prof. Zdravko Joksimović. He is a scholarship recipient of the Ministry of Education, Science and Technological Development for research in the field of art on PhD studies for years 2020, 2021 and 2022. In 2018, Zepter Museum included two of his artworks from the series "Byzantine Quotes - Antispaces" in its collection. From 2021, these artworks have been represented in the permanent exhibition of the Zepter Museum. He is a member of the Association of Fine Artists of Serbia since 2019. His works from the field of art theory were published in the Review of the Faculty of Fine Arts. In his artistic poetics, he deals with the phenomenon of the Sacrament and its contemporary artistic appearance-truth, as well as with the theoretically analytical relationship of spiritualization as an artistic process of individual maturation. The basis of his philosophical and artistic interest is the contemporary appearance of the iconographic Christian form - icons in context of the new situation of Christian reality.

Miloš Stojković Minić, Master of Architecture [1992, Čuprija, Serbia], graduated in 2016 at the University of Belgrade – Faculty of Architecture. At the same faculty he is a student of the Doctoral Academic Studies of Architecture and Urbanism. In addition to the development of professional practice and teaching experience, he is also engaged in scientific research work related to the topic of water in architecture – Aquitecture. He is employed as a teaching assistant at the University of Belgrade – Faculty of Architecture, Department of Architecture. He regularly and very successfully participates in architectural competitions, workshops, art and architecture exhibitions and conferences in the country and abroad. He is the founder of the *Atrio* group for architectural and artistic operational practice and the creator of the original *H3O2 art project & workshop* concept, he is also the founder of the *MIST Arh* architectural studio.

Miodrag Šuvaković publishes under the name Miško Šuvaković. He received his PhD from the Faculty of Fine Arts at the University of Art in Belgrade in 1993.

He has been professor of applied aesthetics, Faculty of Music in Belgrade (1996-2015). Šuvaković is professor of applied aesthetics & theory of art and media, Faculty for Media and Communications, Belgrade. He is member of Slovenian Society of Aesthetics. He is former president of the Society for Aesthetics of Architecture and Visual Arts Serbia.

He was president of the IAA (International Association for Aesthetics – 1919-2022). He has published or edited 50 books in Serbian, Slovenian, Croatian and English, among them:

_PAS TOUT _- _Fragments on art, culture, politics, poetics and _art theory 1994-1974 _ (Buffalo, 1994), 2001; _Impossible Histories – Historical Avant-gardes, Neo-avant-gardes, and Post-avant-gardes in Yugoslavia, 1918-1991_ (co-editor with _Dubravka Đurić, Cambridge MA 2003, 2006), _Pojmovnik suvremene _umjetnosti _ [Concepts of Contemporary Art] _ (Zagreb, Ghent, 2005), _Epistemology of Art – Critical design for procedures and platforms of contemporary art education _ (Belgrade, Wien, Erme, Antwerp, 2008), _Clandestine Histories of the OHO Group_ (Ljubljana, 2009), _Neo-Aesthetic Theory. Complexity and Complicity Must Be Defended, _Wien, 2017).

T

Dr **Giannis Tsaras**, Architect, MSc, PhD, Associative Professor, department of Architectural Technology and Construction, School of Architecture, Technical University of Crete (TUC).

He completed his studies in Aristotle University of Thessaloniki (AUTH), got his master in ETSAB in UPC Barcelona, and his PhD title in Architecture Design in AUTH.

He is a co-founder of the architectural studio extrude architects, designing private projects and winning several prizes in international and national competitions. Since 2013 he has been collaborating with various architectural firms, as a senior project architect in design and construction of special buildings.

He has taught as a Lecturer in Aristotle University of Thessaloniki, Democritus University of Thrace and Bahcesehir University of Istanbul, in designing and technology studios.

Katarina Taranović (1989), Master of Architecture. She completed her Bachelor and Master studies at the Faculty of Architecture, University of Belgrade in 2013, and has been enrolled in doctoral academic studies at the same university since 2019. She works as an architect and collaborates with multiple architectural bureaus. In previous years, she has participated in several different architectural workshops and competitions. Currently, she is involved in the design of multiple buildings and their interiors.

Theofanis Tasis is teaching Contemporary Practical Philosophy at the Alpen-Adria Universität and is a visiting Professor at the University of St. Gallen. His areas of specialization include Political and Moral Philosophy, New Media Philosophy and Transhumanism. His monograph *Castoriadis, a philosophy of autonomy* published in Greece by Eurasia Publications won the Kaftantzogleio Prize of the University of Athens in 2008 and is now in its second edition. His book *Digital Humanism: The iconistic subject and artificial intelligence* published by Armos Publications (2019) explores the notion of a digital humanism as an alternative to the challenges presented by transhumanism and artificial intelligence is now in its third edition and was shortlisted for the National Book Award in Greece. In *Politics of Bios II: The care of the self in the iconistic society* published by Armos Publications (2017) the second part of a planned trilogy and now in its third edition he explores Philosophy as an art of living in regard to New Media. The first part *Politics of Bios: On Irony* published by Eurasia Publications (2012) examines the relation of the private and public sphere in terms of the body and human senses and the political and ethical function of irony. It won the Kaftantzogleio Prize of the University of Athens in 2013. His latest book *Philosophy of Human Enhancement* published by Armos Publications (2021) discusses the desirability and the political and ethical consequences of human enhancement criticizing Transhumanism and Technological Posthumanism as ideologies. He has also translated and edited books by Martin Heidegger, John Stewart Mill, Alexander Nehamas and Roberto Unger into greek. Theofanis Tasis is a member of the Humanistische Akademie Berlin and the Greek Philosophical Society.

Maria Terzaki is a student of Architecture in Technical University of Crete. She has take part in architectural, urban planning and urban design projects.

V

Snežana Vesnić, PhD, is an architect, Assistant Professor at the Faculty of Architecture, University of Belgrade, and founding partner of the architectural studio Neorhitekti and Theta Bureau, Belgrade. Vesnić's projects have garnered numerous awards, such as two nominations for the Mies van der Rohe Award (Villa Pavlović, 2009 and Textil Užice, 2019). Her current project is the kinetic structure, RTS Memorial 'Sixteen'. Her scientific research is in the field of architectural philosophy and aesthetics, focusing on the production of "architectural concepts." Vesnić is the author of "The Architectural Concept: Object of Reality and Subject of Illusion" (Akademska knjiga, IDESE 2020).

Tanja Vujinovic is an established artist who has appeared as a part of numerous festivals, shown artworks in museums, and galleries worldwide.

Her works have been shown in the Museum of Contemporary Art in Strasbourg, Kunst Palast Museum in Düsseldorf, Museum of Contemporary Art in Denver, Kunsthaus in Merano, Museum of Contemporary Art in Istanbul, Kapelica Gallery in Ljubljana, Museum Vasarely Foundation in Aix-en-Provence, and Künstlerhaus in Vienna. She has presented at festivals such as ISEA2009 in Belfast, Ars Electronica in Linz, Kinetica Art Fair in London, Spor Festival in Aarhus, FILE Festival in Sao Paulo, and FILE RIO in Rio de Janeiro. Her hybrid artworks consist of VR, digital/physical sculpture, game engines, and electronic music. She graduated with a Bachelor of Fine Arts degree, and in 2010, she obtained a PhD in Philosophy and Theory of Visual Culture.

Tanja is the founder of Ultramono, a cybernetic art hub. As a passionate supporter of rave culture she has created a few techno albums and is also DJing herself.

W

Christiane Wagner is a visiting research professor at the University of São Paulo (USP). She was awarded a doctoral degree in the science of art and aesthetics, recognized by the Hessian Ministry of Science and Art, Germany. She has a Ph.D. in the science of art and aesthetics from Université Paris 1 Panthéon-Sorbonne, and a Ph.D. in design and architecture from USP. Both with the highest honors. Also, she holds qualification training in the history of art, art education, and digital art development, sciences, and technology from the French Ministry of Education and the Institut National d'Histoire de l'Art (INHA). She is a member of the Scientific Committee of the Society for Interdisciplinary Image Science in Germany. Wagner is also a member of the International Committee and chair of the International Publications Subcommittee of the College Art Association of America (CAA) New York.

Renate Weissenböck is an architect with extensive experience in design and realization of complex projects. She is a professor at Frankfurt University of Applied Sciences (Germany), a lecturer at FH Joanneum University of Applied Sciences (Austria), and a post-doc researcher at Brno University of Technology (Czech Republic). In her research, she explores the role of different digital media in the design process, such as industrial robots and Augmented Reality, working in the tension field between human, craft and machine. Renate holds a Master of Architecture from the Academy of Fine Arts in Vienna, a Master in Advanced Architectural Design from Columbia University in New York, and a PhD from Graz University of Technology. She has worked with internationally recognized architecture firms Asymptote Architecture and Coop Himmelb(l)au. Renate has been teaching and researching at Graz University of Technology, Vienna University of Technology, University of Innsbruck, Art University Linz, University of Applied Sciences in Munich, and Kennesaw State University in the U.S.

Ž

Tijana Žišić is a PhD student in architecture at University of Belgrade – Faculty of Architecture. She works as a teaching assistant at the Faculty of Architecture in Belgrade, at the department of Architectural Technologies. Her research area is energy efficiency and energy performance of buildings in Belgrade. Besides the scientific work and research, she works in practice designing and elaborating architectural projects.

**CIP - Каталогизација у публикацији
Народна библиотека Србије, Београд**

72.01(082)(0.034.2)

711.4.01(082)(0.034.2)

INTERNATIONAL Conference On Architecture
(10 ; 2022 ; Beograd)

Philosophy of Architecture [Elektronski izvor] : proceedings
/ 10th International Conference On Architecture, December 2022,
Belgrade ; [editor Ružica Bogdanović]. - Belgrade : STRAND
- Sustainable Urban Society Association, 2022 (Belgrade : Grid studio).
- 1 elektronski optički disk (CD-ROM) : tekst ; 12 cm

Sistemske zahteve: Nisu navedeni. - Nasl. sa naslovnog ekrana dokumenta.
- Tiraž 100. - Napomene i bibliografske reference uz tekst. - Bibliografija
uz svaki rad. - Sadrži i biografske beleške o autorima.

ISBN 978-86-89111-28-6

а) Архитектура - Интердисциплинарни приступ -- Зборници б) Урбани
дизајн - Зборници

COBISS.SR-ID 80602633