Tenth International Multimedia Event **ON ARCHITECTURE — PHILOSOPHY OF ARCHITECTURE** Book of Abstracts and Exhibition Book

10th International Multimedia Event

December 2022, Belgrade, Serbia

ON ARCHITECTURE — PHILOSOPHY OF ARCHITECTURE

BOOK OF ABSTRACTS

strand

Sustainable Urban Society Association

ON ARCHITECTURE
— PHILOSOPHY OF ARCHITECTURE

BOOK OF ABSTRACTS

Belgrade, Serbia
2022

IMPRESSUM

Title
Tenth International Multimedia Event
ON ARCHITECTURE
— PHILOSOPHY OF ARCHITECTURE
Book of Abstracts and Exhibition Book

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

Design
Milica Maksimovic

Printed by
Grid Studio, Belgrade

Print run
100

Belgrade, 2022

ISBN 978-86-89111-29-3

ORGANIZATION

Scientific Board

Professor Branislav Mitrović, Faculty of Architecture, University of Belgrade, Serbia
Professor Rachel Armstrong, School of Architecture, Planning and Landscape, Newcastle University, United Kingdom and KU Leuven, Belgium
Professor Vladan Đokić, Faculty of Architecture, University of Belgrade, Serbia
Professor Ružica Bogdanović, Faculty of Architecture, University Union – Nikola Tesla, Belgrade, Serbia
Professor Aleksandra Stupar, Faculty of Architecture, University of Belgrade, Serbia
Professor Figen Beyhan, Faculty of Architecture, Gazi University, Ankara, Turkey
Professor Pavlos Lefas, Department of Architecture, University of Patras, Greece
Dr Nora Lefa, Associate Professor, School of Fine Arts, University of Ioannina, Greece
Dr Anastasios Tellios, Assistant Professor, School of Architecture, Aristotle University of Thessaloniki, Greece
Dr Venetia Tsakalidou, Assistant Professor, School of Architecture, Aristotle University of Thessaloniki, Greece
Dr Manuel Collado Arpia, Lecturer, University of Alcalá de Henares (UAH), Spain
Dr Aleksa Bijelović, Senior Lecturer, School of Design and the Built Environment, Curtin University, Western Australia
Ruth Ron, Lecturer, University of Miami, School of Architecture, USA
Tsaras Giannis-Nikos, Associate Professor, School of Architecture, Technical University of Crete, Greece
Dr Anna Karagianni, Assistant Professor, School of Architecture, Technical University of Crete, Greece
Dr Snežana Vesnić, Assistant Professor, Faculty of Architecture, University of Belgrade, Serbia
Elif Ayiter, Sabanci University in Istanbul, Turkey
Dr Renate Weissenböck, FH Joanneum University of Applied Sciences, Austria
Dr Denis Ambruš, Faculty of Civil Engineering, University of Rijeka, Croatia
Dr Elena Longhin, AA Terrain Lab Visiting School, Italy
Dr Christiane Wagner, Visiting Research Professor, Contemporary Art Museum, University of São Paulo, Germany/Brazil
Dr Miloš Kopić, Associate Professor, Faculty of Technical Science, Novi Sad, Serbia

Conference Concept

Professor Ružica Bogdanović, Faculty of Architecture, University Union – Nikola Tesla, Belgrade, Serbia

International Coordination

Professor Aleksandra Stupar, Faculty of Architecture, University of Belgrade, Serbia
Dr Nora Lefa, School of Fine Arts, University of Ioannina, Greece

Support

Serbian Academy of Sciences and Arts, Gallery of Science and Technology
IFDT - Institute for Philosophy and Social Theory, University of Belgrade
Mejkers spejs, CPN - Center for the Promotion of Science
Rectorate of the University of Belgrade
ECTP-CEU (European Council of Spatial Planners – Conseil Européen des Urbanistes)

Organization

STRAND – Sustainable Urban Society Association, Belgrade, Serbia

CONTENTS

10 PREFACE

INTRODUCTION

12 PHILOSOPHY BEYOND THEORY – THEORY THROUGH PHILOSOPHY: ARCHITECTURE, ART, POLITICS AND TECHNOLOGY
Miodrag Šuvaković

14 RADICAL DESIGN: HUMAN ENHANCEMENT AND THE ICONISTIC POLIS
Theofanis Tasis

16 PLASTICITY AFTER INDEXICALITY FOR ARCHITECTURAL THEORY TODAY
Thomas Mical

18 AVANTGARDEN
Tanja Vujinovic

20 SMART CITIES AND ARCHITECTURAL STRUCTURES: COMMUNICATIONAL AND INFORMATIONAL SPACE
Christiane Wagner

22 META-TYPOLOGIES
Polyxeni Mantzou

24 GAME-AS-A-SERVICE FOR URBAN DESIGN AND URBAN RESEARCH COMUNICATION
Milena Ivkovic

26 AUGMENTED DESIGN EXPERIMENTS
Renate Weissenböck

28 WHAT IS A CONJECT(URE)?
Petar Bojanić

I PHENOMENOLOGY OF ARCHITECTURE

31 THE PARADOXICAL STRUCTURE OF HOME IN HEIDEGGER'S PHILOSOPHY
Mateja Kurir

32 PLATO'S ACCOUNT OF ARCHITECT'S EXPERTISE
Aleksandar Kostić

33 ONIRIC FICTION OF ARCHITECTURE
Jelena Bogosavljević

34 INTERPOLATION OF THE EPHEMERAL SEGMENT'S SCENERY IN THE DESIGN OF CONTEMPORARY ARCHITECTURE
Katarina Lončarević

35 ELEMENTAL SPACE
EXISTING | DWELLING
Virna Koutla

36 AN EPOCH FROM A NEW PERSPECTIVE
Katarina Taranović

37 INFORMATION IN ARCHITECTURE IN THE DIGITAL AGE
Igor Svetel

38 THE INDEX AS THE PRESENCE OF THE ABSENT IN THE ARCHITECTURAL OBJECT. TOWARDS A THEORY OF ARCHITECTURAL SEMIOLOGY
Katarina Ognjenović

39 INTERPRETATION OF THE ARCHITECTURAL MODEL OF TRADITIONAL CONSTRUCTION IN MODERN ARCHITECTURE
Marija Milenković, Tijana Žišić

40 WHAT IS REALITY? WHAT IS VIRTUAL REALITY AFTER ALL?
Nora Lefa

41 VITRUVIUS' CONCEPT OF EURYTHMY
Pavlos Lefas

42 FLEXIBILITY OF WORK AND WORKPLACE POST-2020
Aleksa Bijelovic, Milica Maksimovic

43 ART AND ARCHITECTURE AS ENGINE FOR URBAN REGENERATION
NEW MUSEUM QUARTER IN SARAJEVO
Senka Ibrisimbegovic, Nedim Mutevelic

II ARCHITECTURE AND/OR VS. ART

45 TOWARDS THE LIMINAL LINE DYNAMICS
Anđelka Bnin-Bninski

46 GENERATIVE PROPERTIES OF DIAGRAMS AS A MEDIATOR TOOL IN ARCHITECTURAL DESIGN
Ana Petrović, Milena Kordić

47 BIM WITHOUT BIM: INTRODUCING THE LOGIC IN ARCHITECTURE TECHNOLOGY CLASSES. THE CASE OF TUC
Giannis Tsaras, Barbara Charalambidi

48 EPHEMERAL SPACES AND WATER: URBAN GREEN HALL OF FACULTY OF MUSIC ARTS
METHODOLOGICAL EXPERIMENT IN THE URBAN DESIGN OF THE NEW BUILDING OF FACULTY OF MUSIC ARTS (FMA) IN THE BELGRADE LINEAR PARK
Miloš Stojković Minić, Jelena Ilić

49 THE ARTIFICE OF WATER: ART PROJECT H_3O_2 VOL.2 - SPATIAL INSTALLATIONS
Miloš Stojković Minić, Nevena Petrović, Dušan Stipić Dudwarszky

50 SPATIAL IMMERSION: ARCHITECTURE OR ART
Sanja Gogić

51 SCENE ARCHITECTURE AS POETIC METHOD IN ARCHITECTURAL DESIGN
Aleksandra Pešterac, Zoja Erdeljan

52 ARCHITECTURE AND ART, PAST AND PRESENT, SPATIAL INSTALLATION ON THE CASE STUDY OF THE RESTORATION OF THE OLD MATLAPANA BRIDGE AT MAUN, BOTSWANA
Zoran Markovic

III TECHNOLOGY AND ARCHITECTURE

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

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

56 BIOMATERIALS FOR GROWING ARCHITECTURE
Jaroslava Frajova, Jan Koníček , Petr Siedlacziek

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

58 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

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

60 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

61 URBAN ACUPUNCTURE AS A PLACE MAKING SOLUTION AT THE TIME OF AUSTERITY
Tamara Klicek

62 THE BUILDING BETTER INITIATIVE: ENABLING AGENCY IN SELF-CONSTRUCTION IN RURAL INDIA
Divya Chand, Shweta Sundar, Sai Kelkar

63 BUILDING SMART CITIZENS
Oungrinis Konstantinos-Alketas, Kyriakopoulou Anastasia-Maria, Ntzoufras Sotirios, Papamanolis Antonios, Christoulakis Marios, Ioannidis Marios

64 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, Svetlana Batarilo, Ranka Gajić

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

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

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

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

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

70 *RIJEČNI KVART*
RIVER BLOCK AND WALK ZENICA
Denis Ambruš, Vlatko Dusparić

IV ARCHITECTURE AND NEW MEDIA

72 BODIES WITHOUT ORGANS
TACTILITY, INTERNET OF BODIES & APIS AS WORLDMAKING AGENTS
Cenk Güzelis

73 BEHAVIOUR ISSUES AND SAFETY ASPECTS IN THE REAL AND VIRTUAL SPACES
Nataša Danilović Hristić, Marina Nenković-Riznić, Nebojša Stefanović

74 METHODOLOGY OF REPRESENTATION AND TRANSCRIPTION OF ARCHITECTURAL SPACE: DISCOVERING THE HYBRID MODEL OF ARCHITECTURAL DRAWING
Hristina Meseldžija

75 NEW URBAN LIVING ROOMS – FOLLOWED BY LIGHT
Aleksandra Milošević Pantović

V PANEL SESSION

76 PHILOSOPHY OF ARCHITECTURAL FIGURES
Snežana Vesnić

77 EMOTIONS AND ARCHITECTURE
Igor Cvejić

77 HEDONISM
Sanja Iguman

78 VIRTUAL OVERCOMING OF REPRESENTATIONALISM
Željko Radinković

78 INSTRUMENTS AS FORMS OF PERFORMANCE
Marko Ristić

79 DRAWN TO SEE: CORPOREALITY, DESIGN AND ETHNOGRAPHY
Sara Nikolić

80 THE IDEA OF MONUMENT BETWEEN BOOK AND BUILDING
Miloš Ćipranić

80 PISSING ON PALACES: ARCHITECTURE & FICTION IN SWIFT'S *GULLIVER'S TRAVELS*
Edward Djordjevic

80 HYPEROBJECTS
Milica Božić

81 LABYRINTH
Tamara Plećaš

events and behaviours strongly depend on the social reality and the context in which events take place. Even though already with the urban uprising in the 1960s and 1970s scholars spoke about *just cities* and *right to cities*, it is of utmost importance to reconsider these ideas once more.

VIRTUAL OVERCOMING OF REPRESENTATIONALISM

Željko Radinković [60]

Virtuality is first seen as a way of overcoming the representational semantic paradigm embodied in the concept of simulation. The presentation shows that virtuality overcomes the simulative relation of signification by creating an alternative version of reality, so not fake (simulated) real objects, but true virtual objects. These are objects for which the question of the real referent, the signified, that is, real reality, does not play any role. In the context of these considerations, it is important to determine the position of the concept of fiction, because, like the virtual, the fictional world (spatially and temporally) separates itself from the criteria of the true and false "objective" world and creates its own criteria of truth that do not necessarily coincide with those of the real world. When it comes to virtuality, there is a key shift in these relations, because unlike the fictional world, in the virtual world, subject interaction with the virtual space is possible, whereby the subject's autonomy is not questioned in principle. This concept of virtuality coincides with what is called virtual reality, and refers primarily to technically induced virtual worlds. The categorical shift called real virtuality is also technically conditioned, which removes the fictitious dimension from virtual reality in such a way as to introduce it into the world of real objective relations, tending to erase any difference between the actions of technical systems and reality itself.

INSTRUMENTS AS FORMS OF PERFORMANCE

Marko Ristić [61]

The lure of architectural phrases beginning with "form follows..." leads away from the idea of technology of form. By substituting the issue of precedence for any thought on the poetry of form, these phrases disregard the relations which make the form follow. To have it following anything, one ought to think form not in terms of "being an end," but "having an end." However, if this meant a simple transition from the question of formal finitude to the question of formal

—

[60] Institute for Philosophy and Social Theory, University of Belgrade
[61] Institute for Philosophy and Social Theory, University of Belgrade

instrumentalism, the discourse on form would cease to be architectural. Instead, the state of "form following" presumes the material world in which form at the same time conditions and is conditioned. Thus, the question of pure instrumentality gives way to the concept of instrument, which, as a materialized method, goes beyond the issue of end. The end contained in the method necessarily yields to the phenomenal of the instrument, whereby the imagined, desired, or assumed certainty in the instrumental is faced with a multiplicity of outcomes, which are always already formal.

DRAWN TO SEE: CORPOREALITY, DESIGN AND ETHNOGRAPHY

Sara Nikolić [62]

Anthropology, archaeology, art, and architecture are all ways of making and all dedicated to exploring the conditions and potentials of human life. However, despite the flood of images, visual and graphic data in social sciences continue to stand in the shadow of text. Visual data often have merely a documentary function: they supplement texts, which continue to stand at the center. The hiatus or no-man's land between picture and text in the anthropological tradition raises a further question regarding the general devaluation of drawing concerning reading and writing in modern Western cultures. And while the latter's dominance is evident, this presentation will focus on a more subtle but crucial difference among tools of visual anthropology – the one between drawing and photography. While photography is a *taking*, drawing is a *making*. A photograph stops time, while a drawing encompasses it. Drawing is an activity much older than writing or architecture. It is as old as a song and possesses something that painting, sculpture, videos, and installations lack— *corporeality.* This corporeality of a drawing is often referred to as the kinesthetic sense.

A secondary aim of this paper is to – by focusing on the practice of graphic anthropology – draw conclusions about possible intersections and points of collaboration between ethnography and design, architecture, and anthropology. This paper addresses the issue of the "third meaning" of a drawing by explicitly taking up the question of the practice sketching, doodling and taking field notes in the research process. Engaging with the writings of John Berger, Tim Ingold and Roland Barthes and in response to the distinct lack of drawing by anthropologists, the paper asks *what the act of drawing can tell us about what pictures want?*

—

[62] Institute for Philosophy and Social Theory, University of Belgrade