# On Architecture 2021 BOOK OF ABSTRACTS



On **Architecture**Ninth International Multimedia Event

strand

Sustainable Urban Society Association

On Architecture Facing the Future – New Challenges



# ON ARCHITECTURE FACING THE FUTURE – NEW CHALLENGES

### **BOOK OF ABSTRACTS**

### **IMPRESSUM**

#### Title

Ninth International Multimedia Event
ON ARCHITECTURE
FACING THE FUTURE – NEW CHALLENGES
Book of Abstracts

#### **Publisher**

STRAND – Sustainable Urban Society Association Belarade

### On behalf of the Publisher

Ružica Bogdanović STRAND – Sustainable Urban Society Association

#### **Fditor**

Ružica Bogdanović

#### Reviewers

Ruth Ron, Aleksandra Stupar, Nataša Danilović Hristić, Ranka Gajić, Svetlana Batarilo, Mirjana Devetaković, Ružica Bogdanović, Aleksa Bijelović

СІР - Каталогизација у публикацији - Народна библиотека Србије, Београд

72.01(048)

7.05(100)(083.824)

### INTERNATIONAL Multimedia Event On Architecture (9; 2021; Beograd)

On Architecture Facing the Future - New Challenges

: book of abstracts / [Ninth International Multimedia Event

On Architecture, Belgrade, 2021]; [editor Ružica Bogdanović].

- Belgrade: STRAND - Sustainable Urban Society Association,

2021 ([Beograd] : Grid studio). - 62, 57 str. : ilustr. ; 24 cm

Nasl. str. prištampanog teksta: Exhibition book. - Oba rada štampana u međusobno obrnutim smerovima. - Tiraž 100. - Str. 9: Preface / editor.

- Sadrži i biografske beleške o autorima.

### ISBN 978-86-89111-25-5

- а) Архитектура Интердисциплинарни приступ Апстракти
- b) Урбани дизаjн Изложбени каталози

COBISS.SR-ID 51005961

### **CONTENTS**

PREFACE

### 10 INTRODUCTION

### **CHALLENGES IN ARCHITECTURE AND URBAN DESIGN**

- Reshaping the Future and Post-Pandemic Sustainability
- Reset Sustainable Development Goals for Post-Pandemic World
- Architecture and Globalization: Influence of Globalization on Architectural Expression,
   Vision of a Future Planet Farth
- 11 Rachel Armstrong

MICROBIAL CITIES, WICKED HOMES AND IMMUNOLOGICAL URBANISM

12 Liam Young

PLANET CITY AND THE RETURN OF GLOBAL WILDERNESS

13 Vincent Goodstadt

ECTP-CEU 2020 RE-START-EUROPE DECLARATION

14 Joao Pereira Teixeira

**RETHINKING REGIONS AND CITIES** 

15 Snežana Vesnić

WHAT IS REAL (LY) NEW IN THE NEW

### 16 INTRODUCTION

### **TECHNOLOGY AND ARCHITECTURE**

- Innovation in Art, Architecture, Science, And Technology in the Digital Age
- Innovation in Information Technology Improved Use and User Experience
- Enhancing Quality of Life Using Buildings, Holistic Planning, and Smart Technologies
- 17 Amber Bartosh

**EXPANSIVE REALITIES AND IMMERSIVE INFRASTRUCTURES** 

18 Vera Parlac

MATERIAL DYNAMICS: ADAPTIVE MATERIAL SYSTEMS IN ARCHITECTURE

- 19 Manuel Collado Arpia
  THE BIRTH OF VIRTUAL DOMESTICITY
- 20 Elena Longhin

THE MACHINE IN THE MOUNTAIN
TERRITORIES OF HYDROPOWER IN THE PIAVE BASIN

## 21 CHAPTER 1 PHENOMENOLOGY OF ARCHITECTURE

- Substance of Architecture
- Philosophy of Architecture
- Utopia and Architecture
- 22 Èrica Soler Casanovas

DESIGN AND PHILOSOPHY AS CREATIVE PRACTICE

- 23 Aleksandra Pešterac, Slađana Milićević, Tatjana Babić TOWARDS UTOPIA: NEW PUBLIC SPACES OF SOLITUDE IN ARCHITECTURE
- 24 Mila Mojsilović, Jelena Mitrović, Vladimir Milenković TRILOGY OF 1000 YEAR OLD DREAM
- 25 Nora Lefa
  TUTORING DISTANT DESIGN STUDIOS
- 26 Bojana Pašajlić

PRESERVATION OF SYMBOLS AND HERITAGE OF A REGIME AFTER ITS FALL / THE CASE OF THE COMMUNIST REGIME OF YUGOSLAVIA

27 Danijela Mirković FOLDING INTO THINKING

## 28 CHAPTER 2 CHALLENGES IN ARCHITECTURE AND URBAN DESIGN

- Reshaping the Future and Post-Pandemic Sustainability
- Reset Sustainable Development Goals for Post-Pandemic World
- 29 Nuria Vallespin , Jorge Arribas Castañeyra

  EPIDEMIC RESILIENCE LABEL FOR A POST-COVID CITY
- 30 Katarina Andjelkovic
  DESIGN FOR EXTREME CONDITIONS:
  NEW HOSPITAL DESIGN MECHANISM FOR THE POST-PANDEMIC AGE
- 31 Milena Kordić, Svetlana Batarilo, Ranka Gajić
  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 BEI GRADE
- 32 Andreas Yiangou, Venetia Tsakalidou

  MESAORIA CONNECTING POINTS THROUGH TIME IN THE BUFFER ZONE OF CYPRUS
- 33 Denis Ambruš, Vlatko Dusparić

  SPLIT 3 A CITY NEXT TO THE COAST

## 34 CHAPTER 3 TECHNOLOGY AND ARCHITECTURE

- Digital Transformation in Architecture with Building Information Modeling (BIM)
- Scientific Research and Architectural Practice
- 35 Dragana Ćirić

ARCHITECTURAL SCENERY AND NATURAL LIGHT DYNAMICS

36 Nemanja Kordić

FUNCTIONALLY NEUTRAL BUILDINGS AS A SUSTAINABLE MODEL FOR DEVELOPING MIXED-USE CITY CENTERS

37 Tomica Mišljenović, Ivana Korica NATURE-BASED SOLUTIONS AS BASE PRINCIPALS FOR FUTURE CITY-PLAN URBAN COMPETITIONS CONTENTS 7

38 Katarina Andjelkovic

ARCHITECTURAL EDUCATION IN THE POST-COVID AGE: CONFINEMENT AND LIBERATION

39 Ivan Filipović

SOFT POWER ARCHITECTURE: ESTABLISHING AN INTERDISCIPLINARY
METHODOLOGICAL APPROACH FOR THE RESEARCH OF EMBASSY BUILDINGS

40

Fots Sagonas, Giannis Tsaras

INTEGRATON OF BIM TO UNDERGRADUATE ARCHITECTURE STUDENTS IN GREECE

41 Giannis Tsaras, Fots Sagonas

POST CAD ARCHITECTURE

## 42 CHAPTER 4 ARCHITECTURE AND ART

- Architectural Language Architecture and Semiology
- Architectural Designs Metalanguage of Architecture
- Art as Inspiration
- 43 Anna Karagianni

USER ANALYSIS IN ARCHITECTURAL DESIGN: SHAPING A NEW HUMAN – CENTRIC DESIGN FRAMEWORK

44 Aleksandra Peric

INTERIOR DESIGN OF PEDRO ALMODOVAR AS A SCENOGRAPHY OF THE NEW NOW

45 Andrea Raicevic

WHERE LITERATURE MEETS ARCHITECTURE: KAEKA AND SPACES OF ESCAPE

46 Anna Konstantinos Meli

CONTEMPORARY POSSIBILITIES OF WRITING TEXT IN THE THREE-DIMENSIONAL DIGITAL ENVIRONMENT

47 Miloš Stojković Minić

COLORISTICS OF THE CITY SQUARE: NATURAL HARMONY OF COLORS AND SHAPES OF WATER THROUGH THE EXAMPLE OF AN OPEN COMPETITION PROJECT FOR THE FAP SQUARE IN PRIBOI

48 Miloš Stojković Minić, Milica Grbić, Nikola Dimitrović

THE ARTIFICE OF WATER:

ART PROIECT H3O2 - SPATIAL STREETSCAPE INSTALLATIONS

### 49 CHAPTER 5

### NEW MEDIA ARTS, COMPUTATIONAL DESIGN AND ARCHITECTURE

- Innovation and Creativity in Al
- ICT Innovation Enhanced User Experience
- 50 Robert B. Lisekm

AI STRATEGIES IN ARCHITECTURE

51 Karolína Kotnour

NEURAL ARCHITECTURE SEARCH.

**EVOLUTIONARY STRATEGY FOR ARCHITECTURAL INTELLIGENCE** 

52 Anna Pompermaier

MEET ME HALFWAY

A PHYGITAL PUBLIC SPACE OF ENCOUNTERS

**EXPLORING ARCHITECTURE ACROSS REALITIES** 

53 Leo Liu

**VRXIA** 

EXPERIENCING OF REAL, VIRTUAL AND THIRDSPACE

54 Dejan Grba

BRITTLE OPACITY: AMBIGUITIES OF THE CREATIVE AI

55 AUTHORS INDEX

Ivan Filipović 34

## SOFT POWER ARCHITECTURE: ESTABLISHING AN INTERDISCIPLINARY METHODOLOGICAL APPROACH FOR THE RESEARCH OF EMBASSY BUILDINGS

Architecture can be viewed as a system of circumstance structuring that does not exist independently from the contextual occurrences. It captures, constructs and legitimizes oftentimes conflicting societal realities and ideologies. One of these aspects is observable within the concept of soft power, defined as the capability to attract and persuade without coercion and payments. Additionally, soft power resources are the assets that produce such attraction but cannot always be measured or have tangible physical manifestations. What happens when soft power does have spatial manifestations?

Soft power architecture is positioned as an amalgamation of processes and outcomes that must be examined and explained as an indissoluble structure. This paper focuses on establishing an interdisciplinary methodological approach through mapping and classification of the state-sponsored (re)production processes for spaces aimed at the communication of the officially sanctioned images/messages of national identity. Placement of ideological narrative-building processes or lack thereof, for embassy buildings is observed as the representative model for this research.

The findings dispute the presupposed discrepancies between the proclaimed values, implementation strategies and examined spatial manifestations. Embassy architecture, with its privileges and realization process, vary significantly depending on the interpretation of ideological narrative-building. The relevancy of architectural design is of secondary importance, while the examined conceptualization and management processes are more indicative of spatial (re)production and freedom and control in urban spaces.

Apart from providing an applicable methodology and method for examining soft power architecture, this research offers relevant data primarily for architects and urban planners, putting forward strategies for communication of identity for exported architectural typologies. Furthermore, the universality of these typologies allows their spatial consequences to be examined in various urban matrices and cross-referenced with points of interest for individual case studies.

Key words:

Embassy, ideology, identity, soft power, spatial production

\_

<sup>&</sup>lt;sup>34</sup> PhD Architect, Japan ivan.filipovic@keio.jp