



V

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International Competition for
Multifunctional Hall / Congress
Center
Banja Luka | 2020

BAC

BALKANSKI
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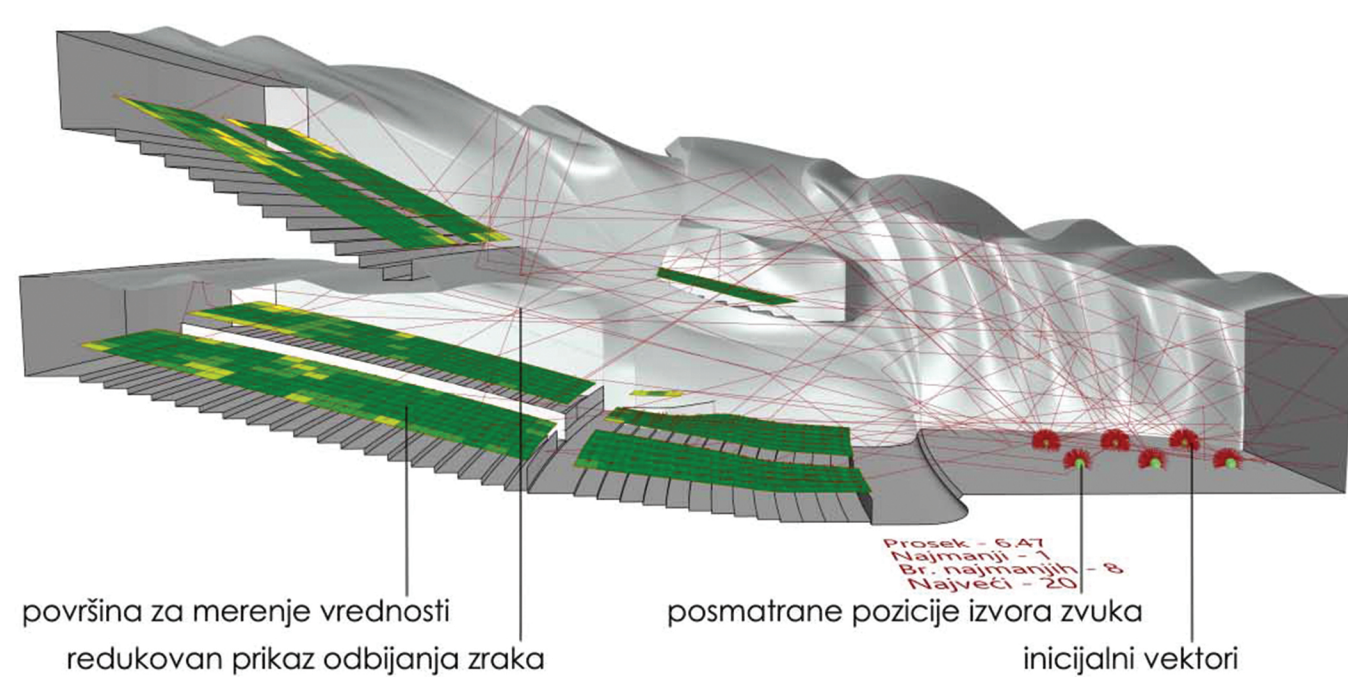
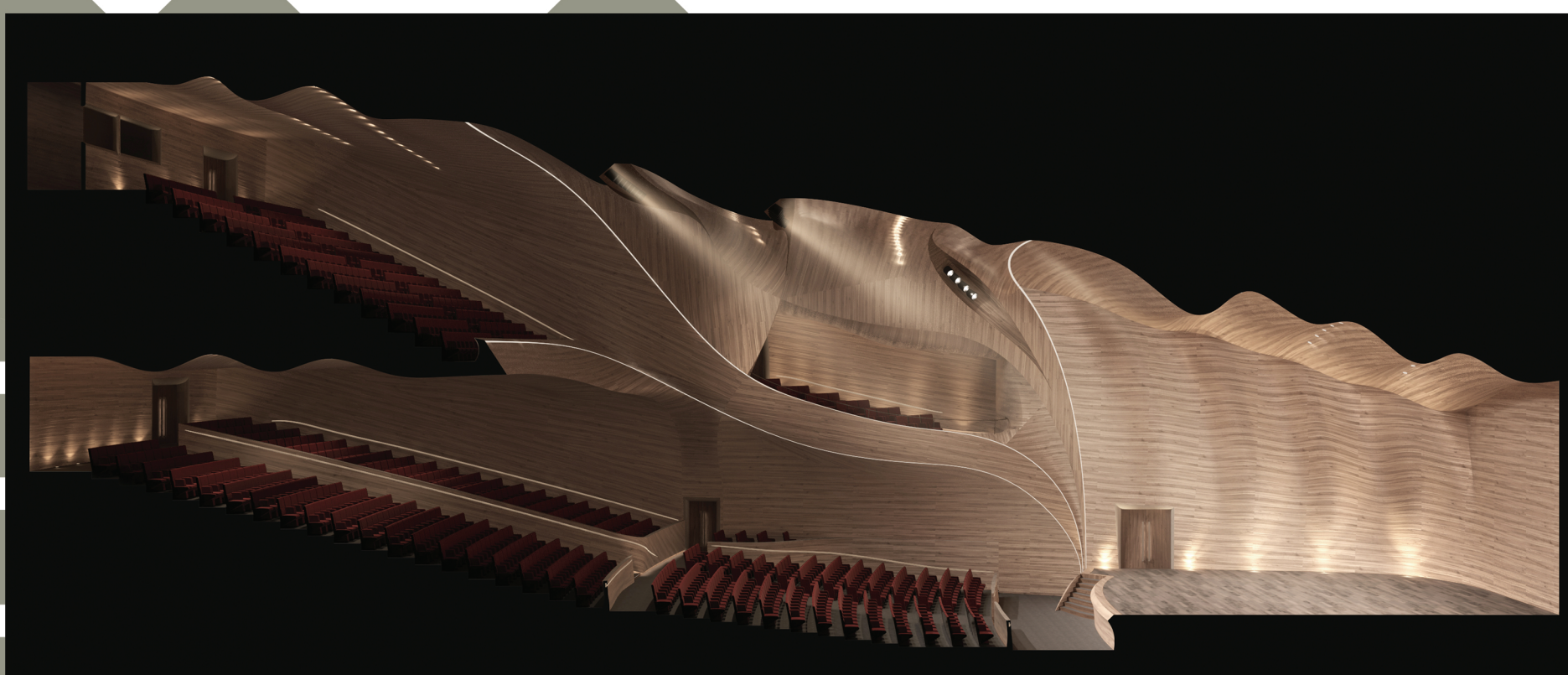


The multifunctional center in Banja Luka creates a new cultural image of the development area by encouraging interaction between different social communities and disciplines. The new city center of Banja Luka is presented through a modern architectural expression that follows the hybrid character of the complex. This space is a theater, a space for public gathering, a place of exhibitions and galleries, a flexible and experimental space for events, lectures, congresses and celebrations – a place of exchange and cooperation. The aim of the project is to establish a quality relationship between different program requirements in order to achieve a compact and attractive space that builds the contemporary identity of Banja Luka. The presented project opens the possibility for activating not only the hybrid congress center, but also the surrounding urban environment through an expanded offer of culture, hospitality and tourism.

The small concert and congress hall contains 207 seats. The theater is divided into 3 parts: ground floor (509 seats), gallery (181 seats) and two VIP boxes (2 * 10 seats). The large concert and congress hall is also divided into 3 parts: ground floor (1020 seats), gallery (430 seats) and two VIP boxes (20 and 30 seats). By dividing the units, the halls can be adjusted to the quantity and type of visitors. In addition, the geometries of the small and large concert halls have been optimized in order to achieve highest acoustic performance. Generative algorithms were used for constructing the geometry of walls and ceilings (based on defined rules and variable parameters), which then simulate the reflection of rays from the sound source to the surfaces of the listeners and measure the given numerical values. After that, evolutionary algorithms were used in order to generate and test variant solutions by changing the parameters for generating structures. The optimization criteria are to distribute the first pair of sound reflections evenly over all measured surfaces and to reduce the places where the ray concentration is too big or small. The final results of the simulations were subsequently checked with more applicable materials in the acoustics testing software; reverberation periods of about 2 s were obtained, which is optimal for a given type of use. The advantage of this approach is reflected in the fact that the algorithm tested 7426 different solutions for the congress hall within 9 hours, and 1242 for a small concert hall for 2 hours. The idea is to set the principle according to which the geometry is constructed coming to a solution through the optimization of the form, where each element in the space is checked and precisely defined, forming the ambience of high aesthetic values.

Although the presented program is often defined as a series of separate spaces supported by different user groups, this project provides an opportunity to network related functions within a single center. The articulation of functional units within separate zones and their connection by means of a closed foyer creates an interspace in which the possibility of cross-exchange increases and encourages networking between the performing arts.

The modern congress center of Banja Luka can become a significant landmark of the city, inviting new experiences of cultural content. Combining business, cultural and entertainment activities in one place, the congress center complements the existing offer of city and represents a unique catalyst for dynamic development at the local and global level.



BALKANSKI
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exhibition catalogue

ICONIC NOMADS IN GLOBAL VILLAGE

Balkan Cinema
8. 12. 2021 – 16. 12. 2021.

Belgrade

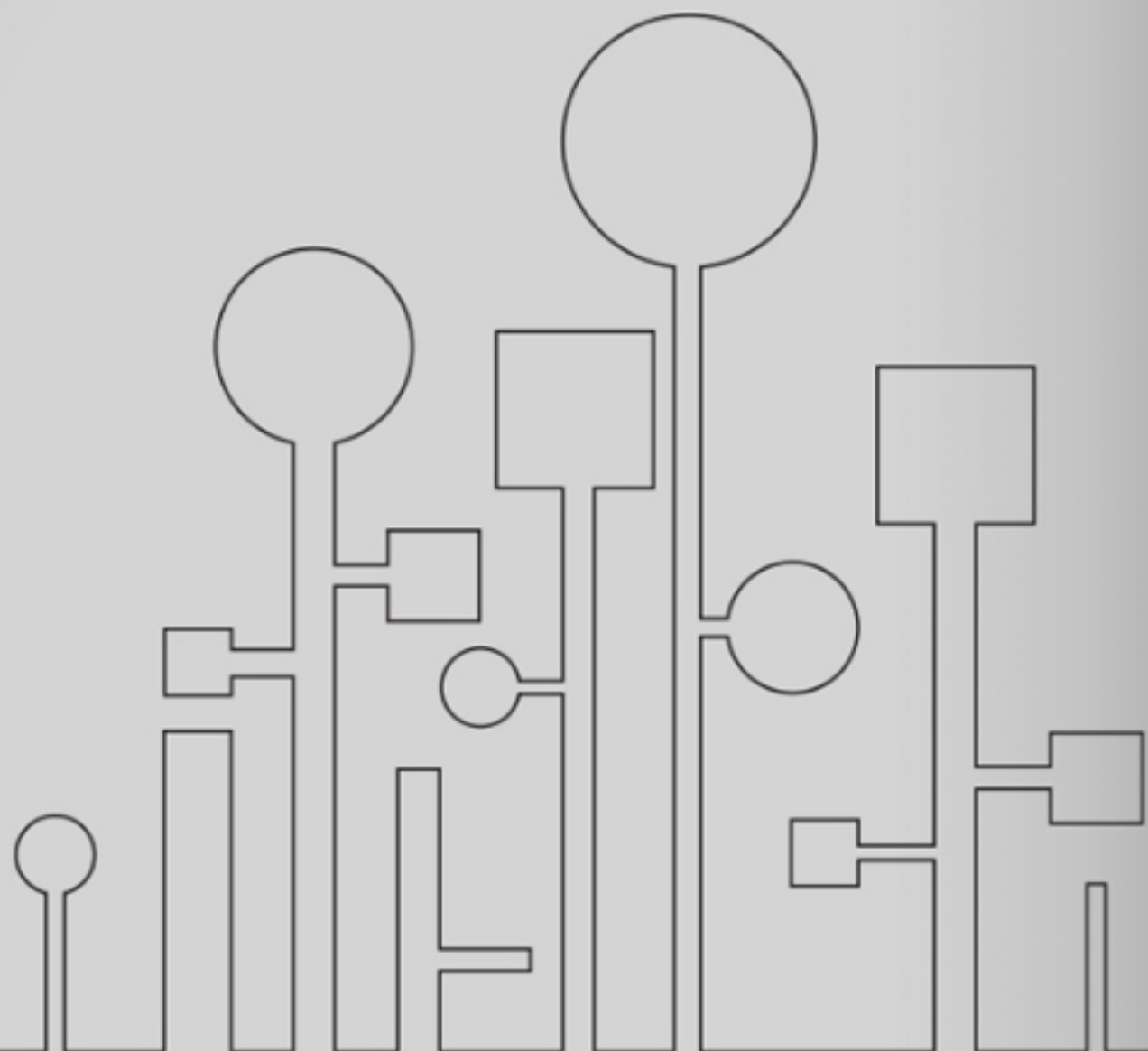




catalogue
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| ICONIC NOMADS IN GLOBAL VILLAGE

We are living in a "Refugee World" running away from ourselves. Networks of local and traditional patterns and forms of living are breaking down. "Iconic nomads" are new spokespersons of local cultures. They are bearers of collective and personal identity and as such participate in creating a global village, incorporating elements of diversity and establishing new socio-cultural networks. We are inviting you to present your local icons in a various architectural and urban artefacts.

dr Tatjana Mrdenović, Arch
BAB commissioner

It was a real pleasure to have over 250 projects celebrating architecture and design in front of us. At a time when many values are falling, this wonderful profession is experiencing its renaissance. The realized objects, which are on display, clearly show how good the synergy of architects, clients and contractors is. The beauty of the volume and fitting into the environment, the harmony of materials and colors characterize a large part of the project. I would especially like to emphasize the selection of realized projects, the host country of Croatia, Professor Saša Begović, who, along with well-known names, is introducing a new young generation of excellent architects. At the same time, one of the light motives of this biennial is the architectural maturity of young architects. It is not difficult for them to change cities and countries in search of good architecture, like nomads.

This year's 5th jubilee biennial and 10 years of its existence will be best manifested on five levels of the cult cinema Balkan. The central space on the ground floor is occupied by awarded works from all categories as well as a selection of works by the host Croatian country. At the level of the Republic Square there is an exhibition of furniture and interior edited by Jelena Nikolić. At the level of -2 there is an exhibition of urbanism, architecture, realized and unrealized buildings as well as Arxellence 2.

at level +1 is the exhibition Belgrade Amrtment Today, by Dragan Marković, while at level +2 is the exhibition Balkan Brutalism by Marko Stojanović.

Like every biennial, a significant accompanying event is the scientific conference Global Village: Shelter for Resilient living with Tatjana Mrdenović as a conference conceptor and editor.

The exhibitions are accompanied by lectures and screenings by eminent experts, so a visit to the jubilee Balkan Biennial will be a real prayer for the eyes and ears.

Nebojša Glišić
BAB curator

| BAB 2021 Commissioners

Saša Begović | Croatia
Sonja Radović Jelovac | Montenegro
Igor Kuvač | Bosnia and Herzegovina
Mihajlo Zinoski | North Macedonia
Florian Nepravishta | Albania
Ileana Tureanu | Romania
Ana Kerč | Slovenia



Saša Begović (Croatia) is an architect and partner in the 3LHD studio. The studio is intensively developing the interaction of different disciplines; architecture, urban and landscape, design, art, and also explores new possibilities of interaction between architecture, society, and individuals. During his career, Saša Begović has led many award-winning projects of various typologies: public, cultural, residential, sports, and mixed-use facilities.

Projects such as Veterans' Bridge and Zamet Center in Rijeka, Bale Sports Hall, Croatian Pavilion at the EXPO 2005 in Japan and 2008 in Zaragoza, Splitska Riva, Lone Hotels, Adriatic and Park in Rovinj, Aquarium and Museum of Rivers in Karlovac, Urania - creation space, Bužanova residential block, Infobip HQ, Rimac Campus are just some of the more important study projects.

3LHD's works have been presented at important universities, exhibitions, and institutions: Harvard, ETH, Van Allen Institute, Berlage Institute, COAC Barcelona, RIBA London, as well as at the Venice and Rotterdam Biennials.

They have won important international awards, including the A + Award for Architecture + Landscape, the European Hotel Design Award for Best Hotel in Europe, the WAF Award 2008 for Best Sports Facility at the First World Architecture Festival, the IOC / IACS Award for Best Sports Building, the AR Award for the best new architects, the ID magazine award, as well as the most important Croatian professional awards: Drago Galić, Bernardo Bernardi, Viktor Kovačić and Vladimir Nazor.

For the last 20 years, he has been active in the Croatian academic community, as well as in the world. He has been a lecturer and visiting critic at the faculties of architecture, ETH Zurich University, Harvard and Northeastern in Boston, TU in Vienna, Munich, Stuttgart, and is a visiting professor in Graz, Ljubljana, and Zagreb. From 2010 to 2020 he was a visiting professor at the Faculty of Civil Engineering, Architecture and Geodesy in Split, and from 2017 to 2019 he was a visiting professor at the Architectural Program of Cornell University USA.

Since 2021, he has been an associate professor at the Faculty of Architecture in Zagreb.



Sonja Radović Jelovac (Montenegro) holds a PhD in environmental design and planning. She completed her primary studies in architecture at the Faculty of Architecture in Belgrade, and later, a Master's degree fellowship from the La Sapienza University in Rome at the Ludovico Quaroni Faculty of Architecture, where she obtained her Master's degree from the Department of "Planning, Landscaping, and Reclamation of Urban Land in Developing Countries" (2005). As an achiever of an international scholarship to La Sapienza University in Rome, she earned her Ph.D. in 2015 and attained her Doctor Europaeus title. Within the scope of her doctoral thesis, "Projective" Resilience Assessment for Water Sensitive Adaptive Urban Design, she makes an authentic contribution to scientific progress in the field of contemporary research in the field of new paradigms in design and adaptive eco-urban design through the prism of collaborative resilience.

She is a curator of the Montenegrin Presentation Project at the 16th Venice Architectural Biennial 2018. She is engaged in research in the field of resilient, adaptive urban design. She has successfully applied the experimentally transdisciplinary approach and 20 years of design experience through her work at Studio Synthesis, as the founder and lead architect.

She is engaged as an itinerant professor at the Faculty of Architecture in Podgorica in the subject Urban Design (2014-2016) and at the University of Trento in Italy (2018)

She has won numerous international awards and recognitions in the region: Belgrade Urban Planning Salon - two awards, (2015), S. Mitrovica Urban Planning Salon - three awards (2016), two awards at the Architectural Biennale of Architecture in Belgrade, (2016), admission at the Architecture Salon in Belgrade, (2016), special admission at the Third S.ARCH International Conference in Hong Kong (2017), Member of the Jury for the Pavilion of Montenegro Expo Milano 2016, Expo Dubai 2020, BIG SEE WOOD AWARD 2018 and 2019, BIG SEE Architecture Award 2019 - Winner, BIG SEE Interior Design Award 2019 - Winner in Slovenia. She is the author of numerous scientific works and publications.

She is a member of the SACG - the Union of Architects of Montenegro, one of the founders of the ŽAD - Women's Architectural Society in Belgrade, the Chair of the Board of Directors of the Society of Friends of Kolasin and a member of the Scientific Committee of the Balkan Architectural Biennale.



Igor Kuvač (Bosnia and Herzegovina) was born on February 22, 1984 in Sarajevo. He completed his undergraduate and master studies at the Faculty of Architecture, Civil Engineering and Geodesy, University of Banja Luka (AGGF), as a student of the generation, 2009. He received a PhD title from the University of Granada (Spain) in 2017 as an Erasmus Mundus Fellow researching the topic Forced Transition - New settlements of displaced persons after the war (1992-1995) in Bosnia and Herzegovina. He is employed as an assistant professor at the Department of Architectural Design at AGGF, where coordinates the Master study program Architecture and Urbanism, and teaches different scales of architectural and urban design. Igor is a co-founder and head of the Center for Spatial Research, which experiments with innovative models of co-creation in urban public space, in which he coordinates Small SCALE and other projects. His research scopes are different spatial scales as well as the cultural context of contemporary urban transformations, focusing both on urban and anthropological themes.



Mihajlo Zinoski (North Macedonia) is an architect and professor at the Faculty of Architecture of the Ss. Cyril and Methodius University in Skopje, North Macedonia since 2000 where he received a PhD in engineering science. Since 2009, he has lectured in the designing of public buildings in the Institute for Architectural Design where he is also acting as design studio coordinator. At 2008 he was a visiting researcher at the School of Architecture and Allied Arts, University of Oregon, as part of the Junior Faculty Development Program founded by the US Department of State. He received an honorable mention at the Biennale di Architettura di Venezia, 2006 for the collective project "City of possible worlds" in the category of national presentation. In the past five years by an interest in the area of social sustainability of the built environment he initiated lectures, international and domestic workshops, exhibitions, and projects of participatory action between academia and local municipalities. As scientific-pedagogical results since 2017 he published articles in Proceedings of International Scientific Conferences, Emerald Insight Journal, in monograph CURRENT aspects of real estate research Institute of Real Estate Studies also article in the summary book Global Dwelling, carried out by OIKONET, an Erasmus Network project.



Florian Nepravishta (Albania) is an Architect and full Professor at the Faculty of Architecture and Urbanism (FAU), Polytechnic University of Tirana. He has many years of experience as Dean of Faculty of Architecture and Urbanism and Head of Architecture Department at PUT. His practice, teaching activity and scientific research have been oriented towards architectural design, housing, preservation of historical heritage and urban regeneration. He has conducted scientific qualifications and teaching activities at several international universities. Also, he has participated in various scientific conferences and has published a series of scientific articles, references, monographs.

Prof. Nepravishta professional opus also includes numerous exhibitions, workshops and International Conferences (IFAU17, IFAU18, and IFAU19). He has been a member of the various international conference scientific committees and editorial boards of several national ("Monumentet", "Buletini i Shkencave Teknike") and international journals ("Arhitektura i Urbanizam", "South-East European Journal of Architecture and Design (SEEJAD)", "International Journal of Civil Engineering and Architecture", "Magazine of Civil Engineering") and Scientific director of the Collana series "Forum for Architecture and Urbanism (FAU)" of the publishing house "La scuola di Pitagora editrice", Italy. He has been a member of the Senate of the Polytechnic University of Tirana, board member of Scientific Council of the Institute of Cultural Monuments, Presidency member of Albanian Association of Architects, EHNHR and IFHP.

Prof. Nepravishta is the founder and the principal architect of "Smart Studio" in Tirana. The studio works on different design and implementation projects (residential buildings, hotels, beach resorts, schools, heritage restoration, building adaptation and renovation, interior design and urban design).



ITU (Romania) is a Romanian architect and urbanist who practiced and worked in public and private practice for over 40 years and was involved in important national projects and architecture magazines, in order to place architects and architecture in the position they deserve, in public eye. She is the president of Union of Architects in Romania since 2016. ITU was born in Bucharest and graduated „Ion Mincu” Institute of Architecture of Bucharest. Since 1980, ITU has been the lead designer for many new developments, urban retrofit, neighborhood revitalization and public and private buildings some of them award-winning projects.

Since student years, she published, on a permanent basis, in Arhitectura 1906 magazine (one of the oldest architecture magazine in Europe) and conceived and co-edited the following publications Arhitect magazine and Urbanismul magazine, published many articles and studies in the professional press and now leads Arhitectura magazine. She was involved in public life as a promoter and general manager of the first foreign investment complex development in post-revolution Romania, namely World Trade Center Bucharest (1993-95).

ITU promoted and was the director of the International Urban Planning Contest „Bucharest 2000”. Between 2000 and 2004, she served as deputy ministry of public works (2000-2004). She promoted international projects in her capacity of Executive National Coordinator of Stability Pact, vice-president of Council of Europe’s EUR-OPA Major Hazard Agreement and established, in 2002, the National Center for Seismic Risk Reduction, a Romanian-Japanese technical cooperation, implementing The Project on The Reduction of Seismic Risk for Buildings and Structures, where a consistent cooperation with Serbian academics and scientists was foreseen (she was awarded Serbia Medal “SYSTEM DC 90”, in 2002).

Since 2016, she lectures and develops projects and events devoted to the cultural heritage of Romanian architecture, stressing the female architects role, promoting the role and importance of multi-cultural professionals, understanding their positive role in Romanian culture. ITU is coordinated the National Architecture Bienale in Romania (2018, 2021) with a participation of over 600 projects. Concerned to promote young architects, fresh tendencies and supporting the professionals from all areas and regions of the country, the programme was extended to 15 sections and the events are taking place in 8 important cities, increasing the impact and importance of the most important architectural event in Romania.



Ana Kreč (Slovenia) graduated in 2009 at the Faculty of Architecture in Ljubljana, Slovenia. During her studies she attended an exchange program at the Faculty of Architecture and Design in Aalborg University in Denmark and later worked at Terroir Architects in Sydney, Australia. After graduation, she worked at Sadar + Vuga Architects in Ljubljana, Slovenia where she collaborated on large scale redevelopments like Sports Park Stožice and Cultural Centre MAKŠ in Maribor.

Together with architect Jure Hrovat, she in 2010 co-founded SVET VMES, a collective of architects based in Ljubljana, joined by an urge to explore and expose the spatial, social and informal learning potential of 'in-between' space within Slovene educational buildings. In the last ten years SVET VMES self-initiatively approached and analysed 36 schools without any private nor governmental financial support. In 24 case studies, this initial analysis was taken further in a form of a scheme design project, this now resulting in 52 smaller, low-budget, built interventions, many of them awarded. In 2018 SVET VMES won the 1st prize for a 16-unit kindergarten in Kočevje (now under construction), whilst receiving a nomination for Plečnik Medal for Contribution to the Enrichment of Architectural Culture for Architectural-Research Project on Intermediate Schools Spaces through Construction of Case Studies in 2019.

From 2012 onward, Ana Kreč works as an assistant to prof. Jurij Sadar at the University of Ljubljana, Slovenia, Faculty of Architecture. In 2015, she received a 18-month Marie Curie Fellowship at KU Leuven, Department of Architecture, Campus Sint Lucas Brussels in Belgium where she commenced her practice-based PhD, under supervision of Prof. Dr. Architect Jo Van Den Berghe, within the EU funded ADAPT-r program. She is from October 2017 fully employed at the Faculty of Architecture in Ljubljana where she is remotely continuing her doctoral research, whilst creatively leading SVET VMES Collective. She has been lecturer or guest critic at the University of Ljubljana, Tsinghua University, KU Leuven, University of Westminster, NTNU, Trondheim School of Architecture and Fine Arts, Norway, TU Wien, IUAV and TU Berlin.

Over 200 posters were exhibited at the architectural exhibition, classified into three categories: 1) architecture, 2) unrealized projects and 3) urban design. In other words, BAB over time becomes an ever larger and more relevant review of contemporary creativity in the domain of architecture and design.

According to its number, the works from the Ex-Yu area are in the forefront, which shows that there is a strong connection between the former Yugoslav republics in the region.

A great novelty is that the national teams were elected by the commissioners Saša Begović (Croatia), Sonja Radović Jelovac (Montenegro), Igor Kuvadž (Bosnia and Herzegovina), Mihajlo Zinoski (North Macedonia), Florian Nepravishta (Albania), Ileana Tureanu (Romania) and Ana Kreč (Slovenia).

Dragan Marković
architecture exhibition editor

| BAB 2021 Jury – architecture

Ivan Milošević, AIM Studio | Montenegro

Vedran Jukić, SODAA | Croatia

Ivana Žalac, SKROZ | Croatia

Dean Laš, ENOTA | Slovenia

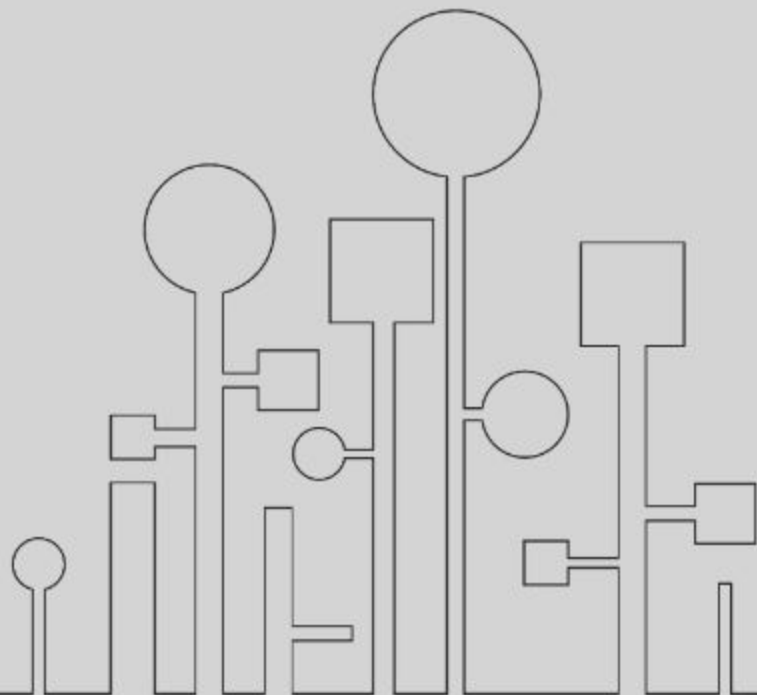
Lorenzo Degli Esposti | Italy

Maja Ilić | Bosnia and Herzegovina

Saša Zelić, Gensler | United States of America

Aleksandar Milojković | Serbia

Nebojša Antešević, DAB | Serbia





UNKNOWN studio doo
 Jovana Miletić
 Miloje Krunic
 associate –
 Milan Grubanov

Garden house
 Cologne, Germany | 2020.

REPUBLIC OF SERBIA



UNKNOWN studio doo
 Jovana Miletić
 Miloje Krunic
 Marko Ilić
 Milan Grubanov
 associate –
 Elena Džinović

Nest
 Serbia | 2021.

REPUBLIC OF SERBIA



OGNJEN Graovac
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VANJA Spasenović

Multifunctional Hall/Congress center
 Banja Luka, RS BiH | 2020.

REPUBLIC OF SERBIA



ALEKSANDAR Videnović
DEJAN Radonjić

Rekonstrukcija Opšte bolnice
 Istočno Sarajevo, RS BiH | 2020.

REPUBLIC OF SERBIA



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