



CONFERENCE PROGRAM

Wednesday, 13th April 2016

19.00-20.30 **PreConference Cocktail at Belgrade City Hall**
Reception by Mr Milutin Folic, Director of Urban Planning of the City of Belgrade

Thursday, 14th April 2016

9.00-9.30 Registration

Opening ceremony

9.30-10.00 **Dr Srdjan Verbic**, Ministry of education, science and technological development of the Republic of Serbia
Mr Milutin Folic, City of Belgrade, Director of the urban planning
Prof. Dr Vladan Djokic, Dean of the University of Belgrade – Faculty of Architecture
Prof. Dr Eva Vanista Lazarevic, Places and Technologies 2016 Conference Director

Keynote speakers and special guests presentations

10.00-11.30 **Prof. Dr Andreas Luible**, Lucerne University of Applied Sciences and Arts, Lucerne, Switzerland
Prof. Dr Carlos Smanioto Costa, Lusofona University, Lisbon, Portugal
Prof. Dr Marija Todorovic, Southeast University, Nanjing, China and CSHeB, Kyung Hee University, Korea

11.30-12.00 Coffee break

Session 1: **Image, identity and quality of place I (Planning issues)**

Moderators: Assoc. Prof. Dr Ljiljana Blagojevic, Assoc. Prof. Dr Juan Luis Rivas Navarro
Place: Main hall

Session 2: **Innovative methods and applications for smart(er) cities**

Moderators: Assoc. Prof. Dr Miroslava Raspopovic, Assoc. Prof. Dr Stefan van der Spek
Place: Room 254

12.00-14.00 1st group of sessions

Session 3: **Sustainable communities and participation I (Planning issues)**

Moderators: Prof. Dr Visnja Kukoc, Dr Natasa Danilovic Hristic
Place: Room 200

Session 4: **Architectural technologies I (Energy issues)**

Moderators: Prof. MSc Ljubomir Mišćević, Assoc. Prof. Dr Jelena Ivanovic Sekularac
Place: Amphitheatre Lazarevic

14.00-15.00 Lunch break

Session 5: **Image, identity and quality of place II (Public space)**

Moderators: Prof. Dr Bob Giddings, Prof. Dr Ivan Milnar
Place: Main hall

Session 6: **Urban mobility, transport and traffic solutions**

Moderators: Prof. Dr Ljupko Šimunovic, Assoc. Prof. Dr Olja Čokorilo
Place: Room 254

15.00-17.00 2nd group of sessions

Session 7: **Sustainable communities and participation II (Concepts, methods, community)**

Moderators: Prof. Dr Lucia Martincigh, Prof. Dr Jasmina Siljanoska
Place: Room 200

Session 8: **Climate change I (Strategy, protection and floods)**

Moderators: Prof. Dr Aleksandra Krstic-Furundzic, Prof. Dr Brankica Milojevic
Place: Amphitheatre Lazarevic

20.00 Gala dinner



Friday, 15th April 2016

9.00-9.30	Registration	
9.30-9.50	Opening of the second day	Prof. Dr Dragoslav Šumarac , Serbian Chamber of Engineers Prof. Dr Dzenana Bijedic , University of Sarajevo – Faculty of Architecture, host of the next PT2017 Conference
9.50-11.00	Keynote speakers presentations	Prof. Dr Aleksandar Kadijevic , University of Belgrade – Faculty of Philosophy, Belgrade, Serbia Arch. Sasa Begovic , 3LHD studio, Zagreb, Croatia
11.00-11.30	Presentation of the results of the Student Masterclass “How Square are you?”	
11.30-12.00	Coffee break	
		Session 9: Image, identity and quality of place III (Concepts, methods, education) Moderators: Prof. Dr Ralf Risser, Assoc. Prof. Dr Aleksandra Stupar Place: Main hall
12.00-14.00	3 rd group of sessions	Session 10: Adaptive reuse Moderators: Prof. Dr Maria Smaranda Bica, Prof. Dr Grzegorz Pęczek Place: Room 254
		Session 11: Climate change II (Energy issues) Moderators: Manfred Schrenk, Prof. Dr Justina Martyniuk-Peczek Place: Room 200
14.00-15.00	Lunch break	
		Session 12: Resilience of places Moderators: Prof. Dr Melvudin Zecevic, Dr Fabrizio Finucci Place: Main hall
15.00-17.00	4 th group of sessions	Session 13: Building structures and materials Moderators: Assoc. Prof. Dr Ana Radivojević, Assit. Prof. Dr Darija Gajic Place: Room 254
		Session 14: Architectural technologies II (Innovative methods, software and tools) Moderators: Prof. Dr Gabriela Rembarz, Assist. Prof. Dr Saja Kosanović Place: Room 200
17.10	Closing ceremony	

Saturday, 16th April 2016

11.00-13.30	Walking tour at the Belgrade city center led by Prof. Dr Aleksandar Kadijevic Meeting place: In front of the building of the University of Belgrade – Faculty of Architecture, Blvd. Kralja Aleksandra 73
-------------	---



SESSION GROUPS AND PRESENTATIONS

1ST GROUP OF SESSIONS _ THURSDAY, 14TH APRIL 2016, 12.00-14.00

Session 1: Image, identity and quality of place I – Planning issues

Moderators: Assoc. Prof. Dr Ljiljana Blagojevic, Assoc. Prof. Dr Juan Luis Rivas Navarro

Place: Main hall

THE STRATEGIES OF PLACE-MAKING. SOME ASPECTS OF MANIFESTATIONS OF POSTMODERN IDEAS IN LITHUANIAN ARCHITECTURE, Martynas Mankus

DESIGNING CENTERS OF SUBURBAN SETTLEMENTS IN THE POST-SOCIALIST CITY – NIŠ CASE STUDY, Milena Dinić Branković, Jelena Đekić, Petar Mitković, Milica Igić

TRANSITION AND THE CITY: TRANSFORMATION OF URBAN STRUCTURE DURING THE POST-SOCIALIST PERIOD, Dejana Nedučín, Milena Krklješ

POST INDUSTRIAL CITIES: CREATIVE PLAY - FAST FORWARD BELGRADE 2016, Eva Vaništa Lazarević, Marija Cvetković, Uroš Stojadinović

THE FUTURE OF OLD INDUSTRIAL AREAS - SUSTAINABLE APPROACH, Anica Tufegdžić, Maria Siladji

CREATING IDENTITY AND CHARACTER OF NEW SETTLEMENT FORMED DUE TO GROWTH OF THE CITY- ON THE EXAMPLE OF PODGORICA, Ema Alihodžić Jašarović, Edin Jašarović

SPINUT-POLJUD RESIDENTIAL AREA IN SPLIT, CROATIA, Vesna Perković Jović

IMAGE, IDENTITY AND QUALITY OF ZAPRUĐE HOUSING DEVELOPMENT IN NOVI ZAGREB, Ivan Milnar, Lea Petrović Krajnik, Damir Krajnik

URBAN IDENTITY OF BORDER SPACES. CONSTRUCTING A PLACE IN THE BORDER CROSSING BETWEEN SPAIN AND MOROCCO IN CEUTA, Belen Bravo Rodriguez, Juan Luis Rivas Navarro, Alicia Jiménez Jiménez

Session 2: Innovative methods and applications for smart(er) cities

Moderators: Assoc. Prof. Dr Miroslava Raspopovic, Assoc. Prof. Dr Stefan van der Spek

Place: Room 254

TECHNOLOGY AS A MEDIATOR BETWEEN MAN AND CITY IN THE CONTEXT OF CONTEMPORARY CHALLENGES, Katarina Stojanović

CITY INTELLIGENCE INFORMATION MODELING, Alice Pasquinelli, Silvia Mastrolebo, Franco Guzzeti, Angelo Ciribini

AN INTRODUCTION TO THE PHYSICAL PLANNING INFORMATION SYSTEM OF CROATIA AND NEW GENERATION OF SPATIAL PLANS, Sunčana Habrun, Lidija Škec, Danijel Meštrić

THE CONCEPT OF SMART ARCHITECTURE IN SERBIA – ONE BELGRADE EXPERIENCE, Dragan Marčetić, Andrej Josifovski

THE IDEA OF COGNITIVE CITY - A CHALLENGE FOR NEW TECHNOLOGY TO PROMOTE HEALTH, Aleksandra Krstić Furundžić, Nikola Z. Furundžić, Dijana P. Furundžić

MIXED REALITY ENVIRONMENT AND OPEN PUBLIC SPACE DESIGN, Aleksandra Đukić, Dubravko Aleksić

VULNERABILITY OF PUBLIC SPACE AND THE ROLE OF SOCIAL NETWORKS IN THE CRISIS, Milena Vukmirović, Miroslava Raspopović

NEUTRAL GROUNDING POINTS WITHIN THE GENERAL DISTRIBUTION SYSTEM AS AN ELEMENT OF ENVIRONMENTAL PROTECTION, Zorica Bogićević, Slobodan Bjelic, Bojan Jovanovic, Milan Misic

THE ROLE OF COGNITIVE – CULTURAL ECONOMY IN CITY'S GLOBAL POSITIONING, Sanja Simeunčević Radulović, Biserka Mitrović

Session 3: Sustainable communities and participation I (Planning issues)

Moderators: Prof. Dr Visnja Kukoc, Dr Natasa Danilovic Hristic

Place: Room 200

THE POSSIBILITIES OF SURVEY AS A METHOD TO COLLECT AND THE DERIVE MICRO-URBAN DATA ABOUT NEW COLLECTIVE HOUSING IN SERBIA, Branislav Antonić



POSITION OF THE SOCIAL HOUSING ACCORDING TO THE URBAN PLANNING REGULATION OF THE CITY OF NIS – DO THEY PROMOTE THE INCLUSION?, Nataša Petković Grozdanović, Branislava Stoiljkovic, Goran Jovanovic

INFLUENCE OF DIFFERENT APPROACHES IN DEVELOPMENT OF LOCAL RESIDENTIAL BUILDING TYPOLOGIES FOR ESTIMATION OF BUILDING STOCK ENERGY PERFORMANCE, Milica Jovanović Popović, Dušan Ignjatović, Bojana Stanković

TOWARDS A LOW-CARBON FUTURE? CONSTRUCTION OF DWELLINGS AND ITS IMMEDIATE INFRASTRUCTURE IN CITY OF SPLIT, Višnja Kukoč

SCENARIOS IN URBAN PLANNING AND THE MULTI-CRITERIA METHOD. A MEANINGFUL EXPERIENCE IN ITALY: PIANO IDEA IMPLEMENTED IN JESI AN,2004, Giovanni Sergi, Paolo Rosasco

THE PUBLIC INSIGHT AND INCLUSIVITY IN THE PLANNING PROCESS, Nataša Danilović Hristić, Nebojša Stefanović

TOWARD THE SUSTAINABLE CITY – COMMUNITY AND CITIZENS INCLUSION IN URBAN PLANNING AND DESIGN OF URBAN GREEN SPACES: A REVIEW OF SKOPJE, Divna Penčić, Snezhana Domazetovska, Stefanka Hadji Pecova

Session 4: Architectural technologies I (Energy issues)

Moderators: Prof. MSc Ljubomir Mišćević, Assoc. Prof. Dr Jelena Ivanovic

Place: Amphitheatre Lazarevic

DETERMINATION OF ENERGY CHARACTERISTICS OF TRANSPARENT ELEMENTS OF ENVELOPE OF RESIDENTIAL BUILDINGS IN BOSNIA AND HERZEGOVINA, Darija Gajić

ECO-ENERGETIC RECONSTRUCTION OF ARCHITECTURAL STRUCTURES BY APPLYING MODERN FACADE TECHNOLOGIES, Olja Joksimović, Katarina Vukosavljević

REMODELING OF EXISTING GLASS FACADES IN ORDER TO IMPLEMENT ENERGY EFFICIENCY AND MEDIA CONTENT, Jasna Čikić Tovarović, Jelena Ivanović Šekularac, Nenad Šekularac

EFFECTS OF WINDOW REPLACEMENT ON ENERGY RENOVATION OF RESIDENTIAL BUILDINGS – CASE OF THE SERBIAN BUILDING PRACTICE, Ana Radivojević, Aleksandar Rajčić, Ljiljana Đukanović

GREEN ROOF RETROFIT POTENTIAL IN A DENSELY POPULATED BELGRADE MUNICIPALITY, Katarina Vukosavljević, Olja Joksimovic, Stevan Vukadinovic

ENERGY REFURBISHMENT OF PUBLIC BUILDINGS IN SERBIA, Milica Jovanović Popović, Milos Nedic, Ljiljana Djukanovic

PROBLEM OF PROTECTION OF ORIGINAL APPEARANCE OF PREFABRICATED CONCRETE FACADES AND ENERGY IMPROVEMENT MEASURES – EXAMPLE OF NEW BELGRADE, Nikola Macut, Ana Radivojević

SUNLIGHTING: A BRIGHT LIGHT SOURCE FOR MULTI-STORY BUILDING CORES, Liliana Beltran

2ND GROUP OF SESSIONS _ THURSDAY, 14TH APRIL 2016, 15.00-17.00

Session 5: Image, identity and quality of place II (Public space)

Moderators: Prof. Dr Bob Giddings, Prof. Dr Ivan Milnar

Place: Main hall

PRESERVING PLACE MEANING IN FUNCTION OF TRANSFORMATION OF OPEN PUBLIC SPACES, Ana Špirić, Sanja Trivić

STREET LIFE DIVERSITY AND PLANNING THE URBAN ENVIRONMENT. COMPARATIVE STUDY OF SOFIA AND MELBOURNE, Silvia Chakarova

TRANSFORMATIONS AND PERMANENCE OF REPUBLIC SQUARE, Stefan Škorić, Milena Krklješ, Dijana Brkljač, Aleksandra Milinković

THE IMAGE OF THE CITY VS. SEMI-PUBLIC SPACES OF SHOPPING MALLS: CASE STUDY OF BELGRADE, Marija Cvetković, Eva Vaništa Lazarević

THE MARKET HALL OF PÉCS, Balazs Kokas, Hutter Ákos, Veres Gábor, Engert Andrea, Greg András, Sike Ildikó

INNOVATIVE PUBLIC SPACE REHABILITATION MODELS TO CREATE CONDITIONS FOR COGNITIVE - CULTURAL URBAN ECONOMY IN THE AGE OF MASS INDIVIDUALISATION, Katarzyna Bartoszewicz, Piotr Lorens

EFFECTS OF ILLUMINATION THE FACADES OF PUBLIC BUILDINGS IN NOVI SAD ON SPATIAL PERCEPTION, Dijana Brkljač, Milena Krklješ, Aleksandra Milinković, Stefan Škorić

COGNITIVE PERFORMANCES OF PEDESTRIAN SPACES, Milena Vukmirović, Branislav Folić



Session 6: Urban mobility, transport and traffic solutions

Moderators: Prof. Dr Ljupko Šimunovic, Assoc. Prof. Dr Olja Čokorilo

Place: Room 254

THE CONTRIBUTION OF ITS TO THE SAFETY IMPROVEMENT OF VULNERABLE ROAD USERS, Bia Mandžuka, Ljupko Šimunović, Pero Škorput

BUILDING ENVIRONMENTAL PERSPECTIVE OF AIRCRAFT OPERATIONS AROUND BELGRADE NIKOLA TESLA AIRPORT, Olja Čokorilo, Ivana Čavka

TRANSPORT PROJECTS AND PUBLIC PARTICIPATION, Davor Brčić, Stjepan Kelcec-Suhovec

DISLOCATION OF THE EXISTING RAILWAY AND BUS STATION IN THE CITY OF KUMANOVO AND THEIR INTEGRATION INTO A TRANSPORT HUB WITH ADJOINING CONTENTS, Mihajlo Zinoski, Medarski Igor, Stefani Solarska

THE IMPACTS OF TRANSPORT INFRASTRUCTURES ON URBAN GEOGRAPHY, Federico Andrea Innarone

LIQUID LIFE: A RELATIONSHIP BETWEEN VULNERABILITY AND MOBILITY – THE CONSEQUENCES FOR A SUSTAINABLE CITY, Stevan Tatalović

Session 7: Sustainable communities and participation II (Concepts, methods, community)

Moderators: Prof. Dr Lucia Martincigh, Prof. Dr Jasmina Siljanoska

Place: Room 200

HOW TO DEVELOP AND DESIGN HEALTHY URBAN ENVIRONMENT?, Sanja Štimac, Anja Jutraž

SUSTAINABILITY AND BROWNFIELD REGENERATION, Kristina Azarić

THE SOCIAL DIMENSION OF A SUSTAINABLE COMMUNITY: UNDERSTANDING OF THE EXISTING SPACE, Silvia Grion, Elisabeth Antonaglia, Barbara Chiarelli

HOW TO UNDERSTAND THE GLOBAL PHENOMENON OF URBAN SHRINKAGE AT LOCAL LEVEL? COMPARISON OF URBAN AREAS IN ROMANIA AND SERBIA, Mihai-Ionut Danciu, Branislav Antonić, Smaranda Maria Bica

SPATIAL PATTERNS OF SERBIAN MIGRANTS IN VIENNA AND IN THE SETTLEMENTS OF THEIR ORIGIN IN EASTERN SERBIA, Branislav Antonić, Tamara Brajović

KEEPING THE CITY LIVEABLE FOR INHABITANTS AND EFFICIENT FOR TOURISTS: THE PILGRIMAGE ROUTES, Lucia Martincigh, Renata Bizzotto, Raffaella Seghetti, Marina Di Gauda, Giovanni Perrucci

ENVIRONMENTAL PROBLEMS AND CITIZEN PARTICIPATION IN MEDIUM-SIZED TOWNS OF SERBIA, Anđelka Mirkov

URBAN PROBLEMS OF HILLY AND MOUNTAINOUS RURAL SETTLEMENTS IN NIŠ MUNICIPALITY, Milica Igić, Petar Mitković, Jelena Đekić, Milena Dinić Branković

Session 8: Climate change I (Strategy, protection and floods)

Moderators: Prof. Dr Aleksandra Krstic-Furundzic, Prof. Dr Brankica Milojevic

Place: Room 200

ENERGY MAP OF KRAGUJEVAC AS AN INTRODUCTION TO THE ANALYSIS OF NECESSARY INTERVENTION MEASURES ON BUILDINGS IN ORDER TO ADAPT TO CLIMATE CHANGE, Iva Poskurica Glišović

THE IMPACT OF CLIMATE CHANGE ON THE ENERGY PERFORMANCE OF HISTORICAL BUILDINGS, Alexandra Keller, Cristian Petrus, Marius Mosoarca

INFLUENCE OF DIFFERENT PAVEMENT MATERIALS ON WARMING UP OF PEDESTRIAN AREAS IN SUMMER SEASON, Jelena Đekić, Petar Đekić, Milena Dinić Branković, Mihailo Mitković

ANALYSIS OF ELECTRICITY GENERATION RESULTS OF FIRST MINI SOLAR POWER PLANTS IN THE SOUTH OF SERBIA WITH VARYING INCLINATION OF PHOTOVOLTAIC PANELS AND DIFFERENT ENVIRONMENTAL CONDITIONS, Mihailo Mitković, Jelena Đekić, Petar Mitković, Milica Igić

EDUCATION NEEDS AND INFLUENTIAL FACTORS ON ENVIRONMENTAL PROTECTION IN FUNCTION OF SUSTAINABLE DEVELOPMENT AT HIGHER EDUCATION INSTITUTIONS, Marijola Božović, Milan Mišić, Zorica Bogičević, Danijela Zubac



3RD GROUP OF SESSIONS _ FRIDAY, 15TH APRIL 2016, 12.00-14.00

Session 9: Image, identity and quality of place III (Concepts, methods, education)

Moderators: Prof. Dr Ralf Risser, Assoc. Prof. Dr Aleksandra Stupar

Place: Main hall

THE CRIMINAL CITY: URBAN RESET AFTER "COLECTIV", Agelica Stan

TOWARD THE ULTIMATE SHAPE-SHIFTER: TESTING THE OMNIPOTENCE OF DIGITAL CITY, Aleksandra Stupar, Tatjana Mrdenović

MANAGEMENT OF URBAN IMAGE AS A TOOL FOR PLANNING. THE CASE OF THESSALONIKI, Kleoniki Gkioufi, Eleni Gavra

VISIBLE AND INVISIBLE PROCESSES AND FLOWS OF TIME-SPACE OF ARCHITECTURAL AND URBAN CONTINUITY OF THE CITY, Velimir Stojanović

FORMS OF CONTINUITY IN ARCHITECTURAL SPACE, Petar Cigić, Milena Kordić

URBAN DESIGN EDUCATION FOR PLACEMAKING: BETWEEN COGNITION AND EMOTION, Jelena Živković, Zoran Đukanović, Uroš Radosavljević

SKETCHBOOK AS AN ARCHITECTURAL DESIGN INSTRUMENT OF THE COGNITIVE CREATION PROCESS FOR THE QUALITY OF PLACE, Igor Rajković, Uroš Radosavljević

THE MUSICALITY OF UNDULATING GLASS PANES IN THE CONVENT OF LA TOURETTE, Marko Slaviček, Anja Kostanjšak

THE ROUTES OF DIGITALIZATION – FROM REAL TO VIRTUAL CITY AND VICE VERSA, Miodrag Ralević, Tatjana Mrdenović

Session 10: Adaptive reuse

Moderators: Prof. Dr Maria Smaranda Bica, Prof. Dr Grzegorz Pęczek

Place: Room 254

ADAPTPOLIS: RESEARCHING ADAPTIVE SPATIAL POLICIES FOR SITES OF TERRITORIAL FRAGMENTATION IN LISBON METROPOLITAN AREA, João Rafael Santos

IMPROVING STRATEGIES FOR FUNCTIONAL UPGRADE FOR AN "INTEGRATED REHABILITATION", Francesca Guidolin

ADAPTIVE REUSE AND SOCIAL SUSTAINABILITY IN THE REGENERATION PROCESSES OF INDUSTRIAL HERITAGE SITES, Sonja Ifko, Ana Martinović

REVEALING THE MONTENEGRIN KATUN AS A PLACE OF REUSABLE COGNITIVE TECHNOLOGIES, Edin Jašarović, Ema Alihodžić Jašarović

INTERSECTIONS OF NOW AND THEN; IMPLEMENTATION OF ADAPTIVE REUSE AS CATALYST OF SPACE TRANSFORMATION, Anja Kostanjšak, Nikola Filipović

MULTIFAMILY HOUSING IN BELGRADE – ENERGY PERFORMANCE IMPROVING POTENTIAL AND ARCHITECTURAL CHALLENGES, Nataša Čuković Ignjatović, Dusan Ignjatovic, Bojana Stankovic

SPATIAL STRUCTURE OF THE SUBURBAN ZONES IN SELECTED ENTREPRENEURSHIPS NESTS OF THE TRICITY METROPOLITAN AREA, Grzegorz Pęczek, Justyna Martyniuk-Pęczek

Session 11: Climate change II (Energy issues)

Moderators: Manfred Schrenk, Prof. Dr Justina Martyniuk-Peczek

Place: Room 200

EVALUATING THE CO-BENEFITS OF FLOOD MITIGATION MEASURE – A CASE STUDY OF SOUTHERN YUNLIN COUNTY IN TAIWAN, Yi-Hsuan Lin

FLOODING RISK ASSESSMENT IN MOUNTAIN VILLAGES—A CASE STUDY OF KAOHSIUNG CITY, Ting-Chi Hsu, Han-Liang Lin

SPATIAL PLANNING IN VIEW OF FLOOD PROTECTION-METHODOLOGICAL FRAMEWORK FOR THE BALCAN COUNTRIES, Brankica Milojević

CLIMATE WARS AND REFUGEES: HUMAN SECURITY AS A PATHWAY TOWARDS THE POLITICAL?, Thomas Schad

LOW-IMPACT DEVELOPMENT STRATEGIES ASSESSMENT FOR URBAN DESIGN, Yu-Shan Lin, Han-Liang Lin



4TH GROUP OF SESSIONS _ FRIDAY, 15TH APRIL 2016, 15.00-17.00

Session 12: Resilience of places

Moderators: Prof. Dr Melvudin Zecevic, Dr Fabrizio Finucci

Place: Main hall

A SHRED OF PLACE IN A DIGITAL ERA HUMANITARIAN DISASTER, Pavlos Lefas, Nora Lefa

URBAN SPACES MORPHOLOGY AND MICROCLIMATE CONDITIONS: A STUDY FOR A TYPICAL DISTRICT IN THESSALONIKI, Stella Tsoka, Katerina Tsikaloudaki, Theodoros Theodosiou

SPONTANEOUS DEVELOPMENT AND RESILIENCE PLACES – A CASE STUDY OF ELECTRONIC INDUSTRY NIS (SERBIA), Jelena Jevremović, Branko Turnsek, Aleksandar Milojkovic, Milanka Vasic, Marina Jordanovic

SUSTAINABLE MODEL FOR REGIONAL HOSPITALS IN HUMID TROPICAL CLIMATE, Nataša Čuković Ignjatović, Dušan Ignjatović, Dejan Vasović

MATERIAL AND COGNITIVE STRUCTURES OF BUILDINGS AND PLACES AS INTEGRATED PATTERNS OF PAST, PRESENT AND FUTURE, Dženana Bijedić, Rada Cahtarevic, Mevludin Zecevic, Senaida Halilovic

BOOSTING THE RESILIENCE OF THE HEALTHCARE SYSTEM IN BELGRADE: THE ROLE OF ICT NETWORKS, Jelena Marić, Aleksandra Stupar

INTERCONNECTION OF ARCHITECTURE AND NEUROSCIENCE - RESHAPING OUR BRAINS THROUGH PHYSICAL STRUCTURES, Morana Pap, Mislav Pap, Mia Pap

THE POTENTIAL OF URBAN AGRICULTURE IN REVITALIZATION OF A METROPOLIS, Gabriela Rembarz

Session 13: Building structures and materials

Moderators: Assoc. Prof. Dr Ana Radivojević, Assit. Prof. Dr Darija Gajic

Place: Room 254

STRUCTURAL DESIGN ACCORDING TO THE CRITERIA OF ENVIRONMENTAL PROTECTION – ENERGY DEMAND, Aleksandra Nenadović, Žikica Tekić

COMPARISON OF THE SUSTAINABILITY OF DIFFERENT TECHNIQUES FOR THE STRENGTHENING OF REINFORCED CONCRETE COLUMNS, Tanya Chardakova, Marina Traykova

THE ARCHITECTURAL ASPECT OF DESIGNING THE OFFICE ENVIRONMENT IN THE MULTIFUNCTIONAL BUILDING IN THE CITY CENTRE, Anna Rynkowska-Sachse

MITIGATE THE HOUSING DEPRIVATION IN THE INFORMAL CITIES: MODULAR, FLEXIBLE AND PREFAB HOUSES, Fabrizio Finucci, Adolfo Barrata, Laura Calcagnini, Antonio Magaro, Ottavio Minnella, Juan Martin Piaggio

AN EXAMPLE OF USING RECYCLED CRUSHED CLAY BRICK AGGREGATE: A PREFABRICATED COMPOSITE FAÇADE PANEL WITH THE FACE OF STONE, Tijana Vojinović Čalić, Dragica Jevtić, Aleksandra Krstić-Furundžić

Session 14: Architectural technologies II (Innovative methods, software and tools)

Moderators: Prof. Dr Gabriela Rembarz, Assist. Prof. Dr Saja Kosanović

Place: Amphitheatre Lazarevic

BIM AND GREEN BUILDING DESIGN: EXPECTATIONS, REALITY AND PERSPECTIVES, Igor Svetel, Marko Jarić, Nikola Budimir

UNDER THE SKIN - DETERMINING ELECTRICAL APPLIANCES FROM SURFACE 3D SCANS, Ulrich Krispel, Torsten Ullrich, Martin Tamke

ARCHITECTURAL DIAGRAM OF A CITY, Olivera Dulić, Viktorija Aladžić

DIGITAL TOOLS-BASED PERFORMANCE EVALUATION OF THE ADAPTIVE BUILDING ENVELOPE IN THE EARLY PHASE OF DESIGN, Komnen Žižić, Aleksandra Krstić-Furundžić

INCREASING QUALITY OF PLACE BY USERS VALUE ORIENTATION, Alenka Temeljotov Salaj, Svein Bjorberg, Nikolaj Salaj

COMFORT QUALITY IN THE ARCHITECTURAL TRANSFORMATION OF EXISTING FACILITIES, Saša B. Čvoro, Malina B. Čvoro, Una Umičević