



REGISTRATION
(from 29 August 2021 – Sunday)

29 August, 2021	Registration will start on Sunday (29 August 2021) from 10:30 to 20:00
30 August, 2021	from 08:30 until 2 September 2021

OPENING / CEREMONY
30 August 2021 – Monday (in Hall PRAGUE)

10:30 - 10:45	Opening Concert
10:45 - 11:00	Opening Speeches of chairmen
11:00 - 12:00	Keynote lecture – prof. Dr. Ing. Andrea Segalini - <i>“How Internet of Things and Machine Learning could become viable support for modern civil, geotechnical, and architectural monitoring”</i>

ORAL PROGRAM

30 August, 2021 – Monday

HALL - PRAGUE EAST		30 August, 2021 – Afternoon Sessions
SESSION: TRANSPORTATION - I		
Chairmen: Martin Vlkovský - University of Defence, Czech Republic		
13:00 - 13:15	MOBILITY PATTERNS OF THE PORTUGUESE POPULATION DURING THE COVID-19 PANDEMIC Speaker: Adelino Ferreira - University of Coimbra, Portugal	
13:15 - 13:30	TRANSPORTATION NETWORK SPATIAL ANALYSIS TO MEASURE PEDESTRIAN SUITABILITY THE CASE OF HILLY CITIES Speaker: Bertha Santos - University of Beira Interior, Portugal	
13:30 - 13:45	ADDITIONAL ACTIONS UPON THE VEHICLE FOR DRIVING THROUGH THE CLOTHOID CURVE Speaker: Dan Zarojanu - Suceava University, Romania	
13:45 - 14:00	A MATHEMATICAL MODEL TO PREDICT DELAYS IN INNER CITY STREETS IMPROVEMENTS PROJECTS: A CASE STUDY FROM ATLANTA, GA Speaker: Hussein Abaza - Kennesaw State University, USA	
14:00 - 14:15	THE COMPARISON OF VEHICLE HEADLAMPS Speaker: Jakub Motl - Transport Research Centre, Czech Republic	
14:15 - 14:30	CALMING TRAFFIC IN HISTORIC CITY CENTERS - A CASE STUDY Speaker: Jan Kempa - UTP University of Science and Technology in Bydgoszcz, Poland	
14:30 - 14:45	LOW-COST GEOGRAPHIC INFORMATION SYSTEM FOR MUNICIPAL ROAD SIGNS MANAGEMENT IN DEPOPULATED AND LOW-DENSITY AREAS Speaker: Jorge Gonçalves - University of Beira Interior, Portugal	
15:45 - 15:15	Coffee Break	
SESSION: TRANSPORTATION - II		
Chairmen: Hussein Abaza - Kennesaw State University, USA		
15:15 - 15:30	COMPARISON OF CARGO SECURING REQUIREMENTS FOR TWO TYPES OF OFF-ROAD VEHICLES Speaker: Martin Vlkovský - University of Defence, Czech Republic	
15:30 - 15:45	THE PROXIMAL SURROGATE INDICATORS FOR AN ANT COLLISION INFORMATION AND ACCIDENT PREVENTION Speaker: Massaki de Oliveira Igarashi - Mackenzie Presbyterian University, Brazil	
15:45 - 16:00	MOBILITY IN TRANSPORTATION SURVEYS Speaker: Paulina Olenkowicz-Trempala - UTP University of Science and Technology in Bydgoszcz, Poland	
16:00 - 16:15	ROUGHNESS MODELING FOR COMPOSITE PAVEMENTS USING MACHINE LEARNING Speaker: Rulian Barros - University of Mississippi, United States	

16:15 - 16:30	INTERNATIONAL ROUGHNESS INDEX MODELING FOR JOINTED PLAIN CONCRETE PAVEMENT USING ARTIFICIAL NEURAL NETWORK Speaker: Salma Sultana - University of Mississippi, USA
16:30 - 16:45	IMPACT OF REALIZATION OF PROJECTS ON RAILWAYS ON FREQUENCY OF OCCURRENCES ACCORDING TO CATEGORIES Speaker: Vít Hromádka - Brno University of Technology, Czech Republic
END OF ORAL SESSIONS	

HALL - PRAGUE WEST		30 August, 2021 – Afternoon Sessions
SESSION: SOCIAL SCIENCES AND ARCHITECTURE - I		
Chairmen: Will be announced in the venue after the confirmation of the invited person.		
13:00 - 13:15	ARCHITECTURAL AND AESTHETIC ASPECTS OF THE WORKSPACE AT HOME – A NEW DESIGN CHALLENGE IN THE AGE OF A PANDEMIC Speaker: Barbara Uherek-Bradecka - University of Technology Katowice, Poland	
13:15 - 13:30	RURAL HOUSING IN TRANSITION. From Local TRADITIONALISM TO GLOBAL 'MODERNISM' Speaker: Dan Idiceanu-Mathe - Polytechnic University of Timisoara, Romania	
13:30 - 13:45	INHABITING THE PRESENT: THE HOUSE, THE COLLECTIVE DWELLING AND THE CITY Speaker: Filipe Lacerda Neto - Universidade da Beira, Universidade de Lisboa, Portugal	
13:45 - 14:00	ARCHITECTURE FOR TRANSITION: ANALYSIS OF TWO PROJECTS IN THE PEACE-BUILDING PROCESS IN COLOMBIA Speaker: Freddy Diaz Diaz - Universidad de La Salle, Colombia	
14:00 - 14:15	IMPACT OF DEMOGRAPHIC CHARACTERISTICS ON ARCHITECTURE STUDENTS' CREATIVITY Speaker: Gulden Gumusburun Ayalp - Hasan Kalyoncu University, Turkey	
14:15 - 14:30	POPULAR HOUSING ON THE OUTSKIRTS OF SÃO PAULO AND RIO DE JANEIRO: DESIGN FOR A BETTER ACOUSTIC, THERMAL AND LUMINOUS PERFORMANCE Speaker: Gustavo Orlando Fudaba Curcio - Universidade de São Paulo, Brasil	
14:30 - 14:45	BETWEEN REDEMPTION AND RESILIENCE Speaker: Maria – Cristina Clenciu - Ion Mincu University of Architecture and Urbanism, Romania	
15:45 - 15:15	Coffee Break	
SESSION: SOCIAL SCIENCES AND ARCHITECTURE - II		
Chairmen: Will be announced in the venue after the confirmation of the invited person.		
15:15 - 15:30	ANALYSIS OF FUNCTIONAL PROGRAM OF THE BUILDING DESIGNED FOR PUPILS ON THE AUTISM SPECTRUM DISORDER: CASE STUDY OF ACLAND BURGHLEY RESOURCES CENTRE, LONDON Speaker: Mentel Klaudyna - Silesian University of Technology, Poland	

15:30 - 15:45	STUDENTS PERCEPTION OF THE LEARNING ENVIRONMENT IN MALAYSIAN PUBLIC UNIVERSITY Speaker: Nur Rasyila Rosely - University Putra Malaysia, Malaysia
15:45 - 16:00	COMMUNITY RESILIENCE AGAINST UNCERTAINTIES: EDUCATION, COVID, AND OPPRESSIVE OCCUPATION IN PALESTINE Speaker 1: Sahera Bleibleh - United Arab Emirates University, UAE Speaker 2: Dana Hasan - United Arab Emirates University, UAE
16:00 - 16:15	ARCHITECTURAL PSHYCOLOGY Speaker: Turgay Salihoglu - Near East University, Cyprus
END OF ORAL SESSIONS	

HALL – ZURICH		30 August, 2021 – Afternoon Sessions
SESSION: ARCHITECTURAL DESIGN AND METHODS - I		
Chairmen: Will be announced in the venue after the confirmation of the invited person.		
13:00 - 13:15	COMPARISON OF CONVENTIONAL AND PASSIVE PUBLIC UTILITY BUILDINGS IN POLAND Speaker: Ada Kolodziejczyk-Keson - Silesian University of Technology, Poland	
13:15 - 13:30	BASIC REFLECTIONS ON THE IMPLEMENTATION OF DIFFERENT 3D TECHNOLOGIES CO-OPERITING IN THE ARCHITECTURAL DESIGN PROCESS Speaker: Aleksander Filip Furmanek - University of Technology and Life Sciences in Bydgoszcz	
13:30 - 13:45	IMPACT OF BIOPHILIC INDOOR ENVIRONMENT ON HEALTH IN THE CONTEXT OF COVID-19 Speaker: Anna Wróblewska - Gdansk University of Technology, Poland	
13:45 - 14:00	TESSELLATION IN ARCHITECTURE FROM PAST TO PRESENT Speaker: Ecenur Ecenur Kızılörenli - Yasar University, Turkey	
14:00 - 14:15	THE ECC METHODOLOGY FOR ARCHITECTURE DESIGN PRACTICES RESEARCH Speaker: Fathi Bashier - Wollega University, Ethiopia	
14:15 - 14:30	PROTOTYPE DESIGN METHODOLOGY OF SOCIAL HOUSING OF THE ENERGETICA 2030 Speaker: Felipe Lalinde - Universidad Pontificia Bolivariana, Columbia	
14:30 - 14:45	STUDY ON THE DESIGN OF HIGH-RISE GARDEN RESIDENTIAL MODEL IN COLD REGION USING WIND ENERGY Speaker: Jiaojiao Jia - Northeast Petroleum University, China	
15:45 - 15:15	Coffee Break	
SESSION: ARCHITECTURAL DESIGN AND METHODS - II		
Chairmen: Fathi Bashier - Wollega University, Ethiopia		
15:15 - 15:30	THE APPALACHIA STUDIO: A CASE STUDY OF USING APPLIED RESEARCH INTO AFRICAN AMERICAN HISTORY BY A MAJOR SCHOOL OF ARCHITECTURE TO CREATE ECONOMIC DEVELOPMENT Speaker: Larry David Fox - University of Tennessee, USA	
15:30 - 15:45	A DESIGN APPROACH AS A POSSIBLE ORGANIZATION OF PUBLIC SPACES IN EMERGENCY AREAS Speaker: Monica Moscatelli - Prince Sultan University, Saudi Arabia	
15:45 - 16:00	RELIVING – RETHINKING THE INTERIOR ARCHITECTURE DURING AND AFTER PANDEMIC SITUATION Speaker: Nicolás Ramos González - University of Pécs, Hungary	

16:00 - 16:15	DESIGN PROCESS AS A TOOL TO IMPROVE HEALTH AND WELLBEING Speaker: Peter Mazalan - Slovak University of Technology in Bratislava, Slovakia
16:15 - 16:30	DIY HOUSE: AUTHORS' PROJECT CASE STUDY Speaker: Stanislaw Kempa - Gdańsk University of Technology, Poland
16.30 - 16.45	ARCHITECTURAL INTEGRATION OF PHOTOVOLTAIC MODULES IN UNIVERSITY BUILDINGS Speaker: Yuliya Ilieva - University of Structural Engineering & Architecture (VSU) "Luben Karavelov", Bulgaria
END OF ORAL SESSIONS	

HALL – STOCKHOLM		30 August, 2021 – Afternoon Sessions
SESSION: URBAN & REGIONAL PLANNING - I		
Chairmen: Natalia Lysiak - Lviv Polytechnic National University, Ukraine		
13:00 - 13:15	SITE PLANNING AND ARCHITECTURAL CONCEPTUAL DESIGN OF AN ELECTRONICS FACTORY BASED ON THE COMPONENT METHOD Speaker: Dai Haiyan - Southeast University, China	
13:15 - 13:30	VERTICAL URBANIZATION: THE TERRITORIAL CRISIS OF AN UNIVERSAL MODEL Speaker: Adrian Martinez-Muñoz - University of Seville, Spain	
13:30 - 13:45	STUDY ON FUNCTION TRANSFORMATION AND SPATIAL RECONSTRUCTURING OF SMALL TOWNS IN CHINA'S SOUTH OF THE YANGTZE RIVER FROM 1840 TO 1949 Speaker: Dai Haiyan - Southeast University, China	
13:45 - 14:00	URBAN PLANNING AND SOCIAL DISTANCING IN DOWNTOWN OF URBAN AREAS TO COMBAT THE COVID-19: CASE OF NEKEMTE TOWN, ETHIOPIA Speaker: Fekadu Aduna Duguma - Wollaga University, Ethiopia	
14:00 - 14:15	GEOSPATIAL TECHNOLOGIES FOR SMART CITIES PLANNING AND INTER ETHNIC MANAGEMENT Speaker: Giuliana Quattrone - National Research Council of Italy, Italy	
14:15 - 14:30	RIVER RE-NATURALIZATION - A NATURE-BASED SOLUTION FOR CLIMATE CHANGE IN URBAN AREAS Speaker: Katarzyna Mazur - Silesian University of Technology, Poland	
14:30 - 14:45	EXPERT INSIGHT INTO THE SPATIAL ASPECTS AND CHALLENGES FACING METROPOLITAN REGIONS IN CENTRAL EUROPE – CASE STUDY BRATISLAVA REGION Speaker: Lubomír Jamečný - Slovak University of Technology in Bratislava, Slovakia	
15:45 - 15:15	Coffee Break	
SESSION: URBAN & REGIONAL PLANNING - II		
Chairmen: Giuliana Quattrone - National Research Council of Italy, Italy Katarzyna Mazur- Silesian University of Technology, Poland		
15:15 - 15:30	RESILIENCE IN FRAGILE CENTRAL ITALY: ENTERPRISE EXPOSURE TO EARTHQUAKE AND LANDSLIDES Speaker: Marika Fior - Politecnico di Milano, Italy	

15:30 - 15:45	CITIZEN ENGAGEMENT WITHIN THE PROCESS OF REALISATION OF THE CITY ENERGY TRANSITION Speaker: Milan Husar - Slovak University of Technology in Bratislava, Slovakia
15:45 - 16:00	STRATEGIC AND SPATIAL REGULATION TOOLS FOR HARMONIZING LAND USE INTERESTS IN THE CARPATHIANS – EXPERIENCE FROM SLOVAKIA Speaker: Milan Husar - Slovak University of Technology in Bratislava, Slovakia
16:00 - 16:15	POSITIVE ENERGY DISTRICT REPLICATION – CASE STUDY OF THE CITY OF TRENCIN, SLOVAKIA Speaker: Milan Husar - Slovak University of Technology in Bratislava, Slovakia
16:15 - 16:30	ASSESSMENT OF URBAN INFILL SOCIO-ECOLOGICAL AND ECONOMIC EFFICIENCY Speaker: Natalia Lysiak - Lviv Polytechnic National University, Ukraine
16:30 - 16:45	LOCATION BASED SOCIAL NETWORKS AND URBAN STUDIES Speaker: Shreya Sable - Visvesvaraya National Institute of Technology, India
END OF ORAL SESSIONS	

31 August, 2021 – Tuesday

HALL - PRAGUE EAST		31 August, 2021 – Morning Sessions
SESSION: CONSTRUCTION MANAGEMENT AND ENGINEERING - I		
Chairmen: Miroslav Broucek - CTU in Prague, Czech Republic Wei Tong Chen - National Yunlin University of Science and Technology, Taiwan		
08:45 - 09:00	STATISTICAL METHODS APPLIED TO CONSTRUCTION PROCESS MANAGEMENT Speaker: S. Smugala - Viadrus a.s., Czech Republic	
09:00 - 09:15	DESIGN AND ECONOMIC ANALYSES OF POWER SUPPLY OF A STAND-ALONE COMMUNITY BASED ON WIND POWER AND PUMPED STORAGE POWER PLANT Speaker: David Ioan - Polyethnic University Timisoara, Romania	
09:15 - 09:30	BUILDING INFORMATION MODELING USAGE IN FEDERAL HYDROPOWER DESIGN AND CONSTRUCTION MANAGEMENT Speaker: Junshan Liu - Auburn University, USA	
09:30 - 09:45	FRICTION COEFFICIENT OF LOAD-BEARING ELEMENTS OF BUILDING TECHNICAL FACILITIES Speaker: Leopold Hrabovský - VSB - Technical University of Ostrava, Czech Republic	
09:45 - 10:00	RESIDENTIAL PROPERTY BEHAVIOR FORECASTING IN THE METROPOLITAN CITY OF MILAN Speaker: Marzia Morena - Politecnico di Milano, Italy	
10:00 - 10:30	Coffee Break	
SESSION: CONSTRUCTION MANAGEMENT AND ENGINEERING - II		
Chairmen: Miroslav Broucek - CTU in Prague, Czech Republic Wei Tong Chen - National Yunlin University of Science and Technology, Taiwan		
10:30 - 10:45	NUMERICAL AND PHYSICAL MODELLING OF THE PERFORMANCE OF THE PRO-VORTEX VANES IN SHAFT SPILLWAYS Speaker: Miroslav Broucek - CTU in Prague, Czech Republic	
10:45 - 11:00	STRATEGIC PLANNING OF THE ACTIVITIES OF MOBILE UNITS Speaker: Pavel Oleinik - National Research Moscow State University of Civil Engineering (MGSU), Russia	
11:00 - 11:15	ANALYSIS OF CONSTRUCTION SUB-PROCESSES FOR EVALUATING THE ACTUAL PERFORMANCE OF TOWER CRANES Speaker: Rostislav Doubek - Brno University of Technology, Czech Republic	
11:15 - 11:30	HOTEL REFURBISHMENT AND BUILDING INFORMATION MODELLING Speaker: Suha Jaradat - Edinburgh Napier University, Edinburgh, UK	
11:30 - 11:45	OPTIMIZING BIDDING STRATEGY OF THE ROADWAY PROJECTS – AN APPLICATION OF UTILITY FUNCTION THEORY Speaker: Wei Tong Chen - National Yunlin Univ. of Sci. & Tech, Taiwan	
11:45 - 12:00	FUNCTIONAL PERFORMANCE EVALUATION OF HOSPITAL RADIOLOGY FACILITIES AND EQUIPMENT USING FA AND AHP – A CASE STUDY Speaker: Wei Tong Chen - National Yunlin Univ. of Sci. & Tech., Taiwan	
12:00 - 13:00	LUNCH BREAK	

SESSION: ARCHITECTURAL CULTURE - I

Chairmen: Will be announced in the venue after the confirmation of the invited person.

13:00 - 13:15	ARCHITECTURE AS A PRODUCT OF TOURIST CONSUMPTION Speaker: Georgia Cheirchanteri - University of West Attica, Greece
13:15 - 13:30	DRYSTONE WALLS IN THE ALGARVE, PORTUGAL CHARACTERIZATION AND INTERCONNECTION WITH THE GEOLOGY AND LITHOLOGY Speaker: Ada Feroldi - Algarve University, Portugal
13:30 - 13:45	FROM LAYERS OF HISTORY TO A FADING MEMORY Speaker: Aida Idrizbegovic Zgonic - University of Sarajevo, Bosnia and Herzegovina
13:45 - 14:00	RENAISSANCE VILLAS - ARCHITECTURAL SPACE, ARTS AND LANDSCAPE: MORPHO-TYOPOLOGICAL COMPARISON OF THE PALÁCIO FRONTEIRA AND ITS GARDENS WITH ITALIAN AND PORTUGUESE REFERENTS Speaker: Amílcar Gil Pires - University of Lisbon, Portugal
14:00 - 14:15	VERTICAL ELEMENTS IN ARCHITECTURE – CHARACTERISTICS OF MINARETS BUILT DURING THE OTTOMAN PERIOD IN BOSNIA AND HERZEGOVINA Speaker: Amir Causevic - University of Sarajevo, Bosnia and Herzegovina
14:15 - 14:30	ENHANCE THE PUBLIC SPACE. AN ECO-MUSEUM FOR MONTEROSSO ALMO (RG) IN SICILY Speaker: Fernanda Cantone - University of Catania, Italy
14:30 - 14:45	POLISH HOUSES OF MUSIC. APPROACHING EUROPE Speaker: Jakub Swierzawski - University of Technology, Poland
15:45 - 15:15	Coffee Break

SESSION: ARCHITECTURAL CULTURE - II

Chairmen: Will be announced in the venue after the confirmation of the invited person.

15:15 - 15:30	THE ARCHITECTURAL EKPHRASIS: AN EXPLANATORY DEVICE FROM ANTIQUITY TO MODERNITY Speaker: João Borges da Cunha - Universidade Lusófona, Portugal
15:30 - 15:45	THE CONTEMPORARY SUSTAINABLE NEIGHBORHOOD Speaker: Kazimierz Butelski - Cracow University of Technology, Poland
15:45 - 16:00	BUILDING ENGINEERING IN MOUNTAIN REGION OF PODHALE – RELATIONS BETWEEN FOLK ART AND ARCHITECTURES Speaker: Kinga Palus - University of Technology, Poland
16:00 - 16:15	THE IMPORTANCE OF ART AND ARCHITECTURE REGARDING THE IDEA THAT WE HAVE ABOUT A CITY Speaker: Luis Moreira Pinto - Lusiada University of Lisbon Portugal
16:15 - 16:30	HISTORY AND PRESENT USE OF THE UPPER AND MIDDLE VLTAVA RIVER Speaker: Martin Horský - Czech Tech. Univ. in Prague, Czech Republic
16.30 - 16.45	REGIONAL TRADITION AS A DIRECTION OF CONTEMPORARY CHANGES IN ARCHITECTURE Speaker: Teresa Bardzinska-Bonenberg - UTP University of Science and Technology in Bydgoszcz, Poland

END OF ORAL SESSIONS

HALL - PRAGUE WEST		31 August, 2021 – Morning Sessions
SESSION: ARCHITECTURAL HERITAGE AND CONSERVATION OF HISTORICAL STRUCTURES - I		
Chairmen: Will be announced in the venue after the confirmation of the invited person.		
08:45 - 09:00	READING OF THE EVOLUTION OF THE URBAN SHAPE OF THE PLATEAU – CITY OF PRAIA Speaker: Felisberto Cortêz - Instituto Superior Técnico, Portugal	
09:00 - 09:15	A CASA PORTUGUESA: BETWEEN TRADITION AND AVANT-GARDE-THE FIRST SOCIAL HOUSING NEIGHBOURHOODS IN SETUBAL (PORTUGAL) Speaker: Javier Navarro de Pablos - University of Seville, Spain	
09.15 - 09.30	A PARTICIPATORY APPROACH ON SAVING VERNACULAR TIMBER HERITAGE: A CASE STUDY ON RELOCATING A WOODEN CHURCH IN ROMANIA Speaker: Bogdan Isopescu - Polyethnic University of Timișoara, Romania	
09:30 - 09:45	CHARACTERIZATION OF THE DRY-STONE HERITAGE OF THE BARROCAL REGION (ALGARVE, PORTUGAL) Speaker: Célia Mallafrè Balseells - Rovira i Virgili University, Spain	
09:45 - 10:00	REFLECTION OF THE OLD CITY - ARCHITECTURE, HERITAGE AND TOURISM: CIDADE VELHA IN CAPE VERDE Speaker: Claudia Beato - Beira Interior University, Portugal	
10:00 - 10:30	Coffee Break	
SESSION: ARCHITECTURAL HERITAGE AND CONSERVATION OF HISTORICAL STRUCTURES - II		
Chairmen: Will be announced in the venue after the confirmation of the invited person.		
10:30 - 10:45	SPACE TOURISM PLANNING: A RIVER BEACH AS AN EXAMPLE OF AN INTEGRATED SUSTAINABLE TOURISM PLAN - THE CASE OF AMEIXIOSA IN SÃO PEDRO DO SUL – PORTUGAL Speaker: Claudia Beato - Beira Interior University, Portugal	
10:45 - 11:00	THE COMMUNICATION OF HERITAGE, ARCHITECTURE AND ENVIRONMENT: REFLECTIONS ON THIS POST-COVIDE PANDEMIC Speaker: Claudia Beato - Beira Interior University, Portugal	
11:00 - 11:15	EFFECT OF THE FEMTOSECOND PULSE LASER ON THE WETTABILITY OF THE BUILDING STONES OF THE MAIN FOUNTAINS OF PASEO DEL PRADO (MADRID-SPAIN) Speaker: David Martín Freire-Lista - UTAD Universidade de Trás-os-Montes e Alto Douro, Portugal	
11:15 - 11:30	GAZIANTEP OGUZELI-DOKUZYOL VILLAGE REUSE PROPOSAL: EXAMPLE OF EZOGELIN BARAK CULTURE CENTER Speaker: Dilsat Deniz Bindal - University of Hasan Kalyoncu, Turkey	
11:30 - 11:45	HISTORICAL BRIDGES IN MASONRY: FROM KNOWLEDGE TO CONSERVATION. PROPOSAL FOR A PRELIMINARY INVESTIGATION ON THE DAMAGES FOR THEIR MAINTENANCE Speaker: Federica Ottoni - Parma University, Italy	
11:45 - 12:00	RE-THINKING EDUCATION IN CULTURAL HERITAGE AND ARCHITECTURAL CONSERVATION: AN EXPERIMENTAL STUDY WITH SCHOOL CHILDREN Speaker: Gulay Kepsutlu - FMV Isik University, Turkey	
12:00 - 13:00	LUNCH BREAK	

HALL - PRAGUE WEST		31 August, 2021 – Afternoon Sessions
SESSION: ARCHITECTURAL HERITAGE AND CONSERVATION OF HISTORICAL STRUCTURES - III		
Chairmen: David Martín Freire-Lista - UTAD Universidade de Trás-os-Montes e Alto Douro, Portugal		
13:00 - 13:15	TEMPORARY SHORING SYSTEM ON MASONRY BUILDINGS AFTER AN EARTHQUAKE Speaker: Helin Isin - Hasan Kalyoncu University, Turkey	
13:15 - 13:30	THE SUSTAINABILITY OF HISTORICAL ENVIRONMENTS AND ITS EFFECTS ON FUNCTIONAL CHANGES: CYPRUS KYRENIA ANTIQUE HARBOUR Speaker: Ipek Yaralioglu - Cyprus / Near East University	
13:30 - 13:45	CONSIDERATIONS REGARDING THE REHABILITATION OF HERITAGE BUILDINGS USING MODERN TECHNIQUES OF "POINT CLOUD" DATA CAPTURE Speaker: Ivanciuc S. Iuliu - Technical University of Cluj-Napoca, Romania	
13:45 - 14:00	THE URBAN RESILIENCE OF MONASTIC ARCHITECTURE AND THE HERITAGE MANAGEMENT: THE CASE OF SEVILLE'S SAINT AUGUSTIN CONVENT Speaker: Javier Navarro-de-Pablos - University of Seville, Spain	
14:00 - 14:15	HISTORICAL PRESERVATION IN GLOBALIZING NANJING: THE CASE STUDY OF LAOMENDONG, NANJING, CHINA Speaker: Jienan Ye - Politecnico di Torino, Italy	
14:15 - 14:30	ANALYSIS, EVALUATION OF THE STATE AND PROPOSAL OF REMEDIATION INTERVENTIONS IN THE RECOVERY OF THE NATIONAL CULTURAL MONUMENT OF THE CASTLE IN MALACKYS Speaker: Jozef Gašparík - Slovak University of Technology in Bratislava, Slovakia	
14:30 - 14:45	COMPARISON OF TWO DIFFERENT METHODS FOR FIGHTING MOISTURE IN HISTORIC MASONRY Speaker: Jozef Gašparík - Slovak University of Technology in Bratislava, Slovakia	
15:45 - 15:15	Coffee Break	
SESSION: ARCHITECTURAL HERITAGE AND CONSERVATION OF HISTORICAL STRUCTURES - IV		
Chairmen: Will be announced in the venue after the confirmation of the invited person.		
15:15 - 15:30	ENVIRONMENTAL ARCHITECTURE LIGHTING AND SUSTAINABILITY IN TRADITIONAL BUILDINGS Speaker: Salma Dwidar - Prince Sultan University, Saudi Arabia	
15:30 - 15:45	HERITAGE HOUSING IN THE EASTERN REGION AND THE EXTENT OF ACHIEVING ENVIRONMENTAL SUSTAINABILITY Speaker: Salma Dwidar - Prince Sultan University, Saudi Arabia	
15:45 - 16:00	DESPIĆ HOUSE - HISTORY OF THE CITY: STRUCTURAL REPAIR AND RESTORATION OF THE FIRST THEATRE IN SARAJEVO Speaker: Slađana Miljanović - University of Sarajevo, Bosnia and Herzegovina	
16:00 - 16:15	INVESTIGATING THE VALUES OF MODERN ARCHITECTURAL HERITAGE IN DUBAI, UAE Speaker: Vittorino Belpoliti - University of Sharjah, UAE	
16:15 - 16:30	ARCHITECTURAL VALORIZATION: LIGHTING DESIGN SOLUTION FOR THE BELL TOWER OF "SAN PASQUALE A CHIAIA" CHURCH Speaker: Yorgos Spanodimitriou - Università degli Studi della Campania "Luigi Vanvitelli", Italy	

16.30 - 16.45	LIGHTING SOLUTIONS TO IMPROVE THE VALORISATION AND FRUITION OF PARQUE DEL RETIRO IN MADRID Speaker: Yorgos Spanodimitriou - Università degli Studi della Campania "Luigi Vanvitelli", Italy
16.45 - 17.00	THE RULE OF FRAGMENT IN REDEFINITION OF HISTORICAL SETTLEMENT: THE CASE OF LVIV Speaker: Yuliia Batkova - Politecnico di Milano, Italy
END OF ORAL SESSIONS	

HALL – ZÜRICH		31 August, 2021 – Morning Sessions
SESSION: ARCHITECTURAL SPACE - I		
Chairmen: Paola Gregory - Politecnico di Torino, Italy Lara Slivnik - University of Ljubljana, Slovenia		
09:00 - 09:15	MODEL RESEARCH FOR SHAPING THE OPTIMUM HOUSING INTERIOR FOR A DEFINED USER PROFILE Speaker: Beata Kucharczyk-Brus - Silesian University of Technology, Poland	
09.15 - 09.30	BROKEN RACE – SAFE ARCHITECTURE Speaker: Beata Majerska-Palubicka - Silesian University of Technology, Poland	
09:30 - 09:45	COMFORTABLE LIVING SPACE: FIGURATIVE AND VERBAL REPRESENTATION Speaker: Ekaterina Kochergina - ANO "KEKA-space and culture", Hungary	
09:45 - 10:00	ROLE OF COLORS IN FUNCTIONAL ZONING IN UNIVERSITY STUDY ROOM Speaker: Ivanka Marinova - High School for Building Construction "Ljuben Karavelov", Bulgaria	
10:00 - 10:30	Coffee Break	
SESSION: ARCHITECTURAL SPACE - II		
Chairmen: Lara Slivnik - University of Ljubljana, Slovenia Paola Gregory - Politecnico di Torino, Italy		
10:30 - 10:45	INVERTED UMBRELLA-TYPE HYPERBOLIC PARABOLOID REINFORCED CONCRETE SHELL STRUCTURES Speaker: Lara Slivnik - University of Ljubljana, Slovenia	
10:45 - 11:00	PERCEPTION OF SPACE AND ARCHITECTURAL FORM OF CHILDREN WITH ASPERGER'S SYNDROME AS A UNIVERSAL GUIDELINE FOR EDUCATION SPACE DESIGN Speaker: Malgorzata Kaus - UTP University of Science and Technology in Bydgoszcz, Poland	
11:00 - 11:15	TRADITION AND INNOVATION IN POLISH CONCRETE HOUSES Speaker: Marcin Charciarek - Cracow University of Technology, Poland	
11:15 - 11:30	TOWARDS AN EMPATHIC ARCHITECTURE Speaker: Paola Gregory - Politecnico di Torino, Italy	
11:30 - 11:45	ARCHITECTURAL ENVIRONMENTAL, AND TECHNOLOGICAL PRINCIPLES IN CONSTRUCTING MODERN FACTORIES FOR MANUFACTURING ECO-FRIENDLY FURNITURE Speaker: Serhii Ivanov-Kostetskyi - Lviv Polytechnic National University, Ukraine	

11:45 - 12:00	INNOVATIVE TRENDS IN ARCHITECTURE – CREATING FULL-SCALE BUILDINGS WITH THE 3D PRINT TECHNOLOGY Speaker: Serhii Ivanov-Kostetskyi - Lviv Polytechnic National University, Ukraine
12:00 - 13:00	LUNCH BREAK

HALL – ZÜRICH		31 August, 2021 – Afternoon Sessions
SESSION: SUSTAINABILITY IN THE BUILT ENVIRONMENT - I		
Chairmen: Daniel Kalús - Slovak University of Technology in Bratislava, Slovak Republic Matej Kubica - Slovak University of Technology in Bratislava, Slovak Republic		
13:00 - 13:15	DURABILITY, RESILIENCE AND SUSTAINABILITY IN THE BUILDING REHABILITATION PROCESS Speaker: Ana-Maria Dabija - Ion Mincu University of Architecture, Romania	
13:15 - 13:30	THE BUILDING AS AN URBAN GARDEN. A POSSIBLE SCENARIO FOR BUCHAREST Speaker: Ana-Maria Dabija - Ion Mincu University of Architecture, Romania	
13:30 - 13:45	STOMATA SPACE: AIR POLLUTION AS A RESOURCE; ARCHITECTURE AS A RESPIRATORY SYSTEM Speaker: Anwar Ibrahim - Jordan University of Science and Technology, Jordan	
13:45 - 14:00	URBAN CLIMATE OF VALPARAISO, CHILE: IMPLEMENTATION OF GREEN ROOFS AS MITIGATORS OF SUPERFICIAL UHI ON CITY Speaker: Claudio Carrasco - Universidad de Valparaíso, Chile	
14:00 - 14:15	EXPERIMENTAL VERIFICATION OF ENERGY EFFICIENCY OF ENERGY ROOF, GROUND HEAT STORAGE AND ACTIVE THERMAL PROTECTION Speaker: Daniel Kalús - Slovak University of Technology in Bratislava, Slovak Republic	
14:15 - 14:30	INFLUENCE OF VENTILATION HABITS ON INDOOR AIR QUALITY IN MULTI-FAMILY DWELLINGS IN MADRID Speaker: Eduardo López-Fernández - Universidad San Pablo CEU, Spain	
14:30 - 14:45	EMBODIED CARBON IN CONSTRUCTION: ESTIMATE OF EMISSIONS ASSOCIATED WITH NEW SOCIAL HOUSING IN BOGOTÁ, COLOMBIA, 2020-2030 Speaker: Felipe Rivera - Universidad de Los Andes, Colombia	
15:45 - 15:15	Coffee Break	
SESSION: ARCHITECTURAL SPACE - III		
Chairmen: Eduardo López-Fernández - Universidad San Pablo CEU, Spain		
15:15 - 15:30	MODERN ARCHITECTURE OF SCHOOL BUILDINGS IN POLAND: SELECTED DESIGN ISSUES ON THE EXAMPLE OF TWO SCHOOL BUILDINGS BUILT IN THE 21ST CENTURY Speaker: Weronika Skowronek - Silesian University of Technology, Poland	
15:30 - 15:45	THE ARCHITECTURAL PHENOMENON OF CHERNIVTSI OF THE BEGINNING AND THE MID-20TH-CENTURY: F. FELLNER, G. HELMER, F. KIESLER, H. CREANGA AND OTHERS Speaker: Yuliia Bohdanova - Lviv Polytechnic National Univ., Ukraine	

15:45 - 16:00	THE CONTRIBUTION OF JEWISH ARCHITECTS TO THE CONSTRUCTION OF THEATERS IN LVIV Speaker: Yuliia Bohdanova - Lviv Polytechnic National Univ., Ukraine
16:00 - 16:15	THE IMPACT OF THE OUTSTANDING STAGE ARTIST Y. LYSYK'S ARCHITECTURAL AND SCENOGRAPHIC IDEAS ON ARCHITECTURAL SCIENCE, EDUCATION, AND DESIGN-BASED RESEARCH STUDY IN UKRAINE Speaker: Yuliia Bohdanova - Lviv Polytechnic National Univ., Ukraine
16:15 - 16:30	ARCHITECTURAL SPACE ELEMENTS CREATED UNDER WATER UNTIL 2020, BY LAKE ZAKRZÓWEK NEAR KRAKÓW Speaker: Zbyszko Bujniewicz - Silesian University of Technology, Poland
16:30 - 16:45	EVALUATING DISTANCE EDUCATION PERFORMANCE WITHIN THE SCOPE OF ARCHITECTURAL EDUCATION Speaker: Irem Kose - Hasan Kalyoncu University, Turkey
16:45 - 17:00	SEARCH FOR IDENTITY OF POMERANIAN HOUSE BY MEANS OF EDUCATIONAL ACTIVITIES Speaker: Agnieszka Kurkowska - Gdansk University of Technology Faculty of Architecture, Poland
END OF ORAL SESSIONS	

HALL - STOCKHOLM		31 August, 2021 – Morning Sessions
SESSION: CONSTRUCTION MATERIALS - I		
Chairmen: José Alexandre Bogas - Universidade de Lisboa, Portugal Matteo Miani - University of Udine, Italy		
09:15 - 09:30	USE OF WOOD WASTE AS AGGREGATE FOR THE DEVELOPMENT OF GYPSUM PLASTER AND CEMENT MORTAR Speaker: M. Jesús Morales-Conde - University of Seville, Spain	
09:30 - 09:45	WIND ENERGY COLLECTION SYSTEM BASED ON PHASE CHANGE SYSTEM AND DEFORMABLE MATERIALS Speaker: Maoping Cao - Heilongjiang Institute of Construction Technology, China	
09:45 - 10:00	ASPHALT CONCRETE IN HALF WARM MIX ASPHALT TECHNOLOGY WITH FOAMED BITUMEN Speaker: Mateusz M. Iwański - Kielce University of Technology, Poland	
10:00 - 10:30	Coffee Break	
SESSION: CONSTRUCTION MATERIALS - II		
Chairmen: José Alexandre Bogas - Universidade de Lisboa, Portugal Matteo Miani - University of Udine, Italy		
10:30 - 10:45	EFFECTS OF SUBSTRATE TEXTURE AND MOISTURE CONDITIONS ON ULTRA-HIGH-PERFORMANCE CONCRETE AND SILICA FUME CONCRETE OVERLAY BOND STRENGTHS Speaker: Craig Newton - New Mexico State University, USA	
10:45 - 11:00	A NON-DESTRUCTIVE METHOD FOR ASSESSING THE STRENGTH CONDITION OF A CYLINDRICAL BUILDING ELEMENT Speaker: Djamel Ouis - King Fahd University of Petroleum & Minerals, Saudi Arabia	
11:00 - 11:15	DURABILITY OF ARTIFICIALLY AND NATURALLY CRACKED STRUCTURAL LIGHTWEIGHT AGGREGATE CONCRETE Speaker: José Alexandre Bogas - Universidade de Lisboa, Portugal	

11:15 - 11:30	MECHANICAL CHARACTERISATION OF CONCRETE PRODUCED WITH RECYCLED CEMENT Speaker: José Alexandre Bogas - Universidade de Lisboa, Portugal
11:30 - 11:45	RESTORATION OF A HISTORIC BUILDING AND SIMULATION OF THE BEHAVIOR OF INTERNAL INSULATION IN A CASE STUDY OF A PUPPET THEATER IN KOŠICE Speaker: Kristián Hutkai - TUKE, Slovak Republic
11:45 - 12:00	USE OF WOOD WASTE AS AGGREGATE IN MORTARS - AN EXPERIMENTAL STUDY Speaker: Luis Baltazar - Universidade NOVA de Lisboa, Portugal
12:00 - 13:00	LUNCH BREAK

HALL - STOCKHOLM		31 August, 2021 – Afternoon Sessions
SESSION: URBAN & REGIONAL PLANNING - III		
Chairmen: Will be announced in the venue after the confirmation of the invited person.		
13:00 - 13:15	ASSESSMENT OF INFLUENCE OF RESIDENTIAL AREA PLANNING STRUCTURE ON AIR QUALITY USING NUMERICAL MODELING Speaker: Svetlana Valger - Khristianovich Institute of Theoretical and Applied Mechanics SB RAS, Russia	
13:15 - 13:30	COOPERATION OF THE CITY MANAGEMENT WITH THE PUBLIC AND PRIVATE SECTOR IN RELATION TO THE IMPLEMENTATION OF CLIMATE MITIGATION AND ADAPTATION MEASURES Speaker: Vladimír Ondrejčka - Slovak University of Technology in Bratislava, Slovakia	
13:30 - 13:45	MOBILITY AS CRUCIAL FACTOR OF SPATIAL DEVELOPMENT IN FUNCTION URBAN AREAS – CASE STUDY OF KOSICE REGION Speaker: Vladimír Ondrejčka - Slovak University of Technology in Bratislava, Slovakia	
13:45 - 14:00	PROCESS OF DEVELOPING COMMUNITY-BASED GUIDELINE IN RESPONSE TO TOURISM GENTRIFICATION CAUSED BY SIMPLE ACCOMMODATIONS: A CASE STUDY OF THE SHUTOKU DISTRICT IN KYOTO CITY Speaker: Haruka Kato - Osaka City University, Japan	
14:00 - 14:15	RIVER AND CULTURAL LANDSCAPES OF WATER: THE ITALIAN TOOLS OF RIVER CONTRACTS TO DEVELOP STRATEGIC LANDSCAPE PLANNING SCENARIOS Speaker: Giuliana Quattrone - National Research Council of Italy, Italy	
14:15 - 14:30	ASSESSING PUBLIC PERCEPTIONS AND PREFERENCES FOR RURAL MICRO-REGENERATION STRATEGIES IN TRADITIONAL VILLAGES DEVELOPMENT: A CASE IN SOUTH CHINA Speaker: Haiyun Xu - Beijing University of Civil Engineering and Architecture, China	
14:30 - 14:45	PERFORMANCE OF MULTICRITERIA EVALUATION AND HEURISTIC METHODS IN THE DELINEATION OF GREEN INFRASTRUCTURE IN AREAS WITH FRAGMENTED LANDSCAPES Speaker: Rocío Losada - University of Santiago de Compostela, Spain	
15:45 - 15:15	Coffee Break	

SESSION: CONSTRUCTION MATERIALS - III	
Chairmen: Nicola Baldo - University of Udine, Italy Alberto Bolla - University of Udine, Italy	
15:15 - 15:30	ARTIFICIAL NEURAL NETWORK PREDICTION OF AIRPORT PAVEMENT MODULI USING INTERPOLATED SURFACE DEFLECTION DATA Speaker: Matteo Miani - University of Udine, Italy
15:30 - 15:45	PERFORMANCE PREDICTION OF FINE-GRAINED ASPHALT CONCRETES WITH DIFFERENT QUARRY FILLERS BY MACHINE LEARNING APPROACHES Speaker: Matteo Miani - University of Udine, Italy
15:45 - 16:00	RECYCLING OF WASTE MATERIALS USING BITUMEN EMULSION FOR ROAD PAVEMENT STABILIZED BASE COURSES: A LABORATORY INVESTIGATION Speaker: Nicola Baldo - University of Udine, Italy
16:00 - 16:15	SHRINKAGE AND DURABILITY OF CEMENT MORTARS WITH RECYCLED AGGREGATES Speaker: Wencui Yang - School of Transportation Science and Engineering, China
16:15 - 16:30	MECHANICAL PROPERTIES OF GROUT MATERIAL WITH RECYCLED AGGREGATE AT DIFFERET TEMPERATURE Speaker: Xiaoping Cai - School of Transportation Science and Engineering, China
16.30 - 16.45	A FURTHER MILESTONE TO THE USE OF NATURAL FIBRES IN CONCRETE – PAST FINDINGS, BARRIERS AND NOVEL RESEARCH AVENUES Speaker: Yashy Raghoo - University of Mauritius, Mauritius
END OF ORAL SESSIONS	

1 September, 2021 – Wednesday

HALL - PRAGUE EAST		1 September, 2021 – Morning Sessions
SESSION: SUSTAINABLE URBAN DEVELOPMENT - I		
Chairmen: Will be announced in the venue after the confirmation of the invited person.		
09:00 - 09:15	CLIMATE-FRIENDLY CITIES – BLUE-GREEN INFRASTRUCTURE ACTIVITIES Speaker: Alina Pancewicz - Silesian University of Technology, Poland	
09.15 - 09.30	ENHANCING RESILIENCE IN A POST- INDUSTRIAL CITY THROUGH THE URBAN REGENERATION OF THE DOWNTOWN DISTRICT: A CASE STUDY OF PART OF DOWNTOWN IN LODZ NAMED NOWE MIASTO Speaker: Aneta Anna Tomczak - Technical University of Lodz, Poland	
09:30 - 09:45	SITE CHARACTERIZATION AND ASSOCIATED DISPOSAL COSTS FOR ILLEGAL DUMPSITES LOCATED IN THE MUNICIPALITY OF LA GRANJA, CHILE Speaker: Christian Edward Seal - Universidad de Santiago de Chile, Chile	
09:45 - 10:00	AN UPDATED PICTURE OF TARGET 11.1 AND 11.3: PATHWAYS OF IMPLEMENTATION IN THE LIGHT OF COVID-19 Speaker: Elena Todella - Politecnico di Torino, Italy	
10:00 - 10:30	Coffee Break	
SESSION: HYDROMECHANICS		
Chairmen: Will be announced in the venue after the confirmation of the invited person.		
10:30 - 10:45	HYDRAULIC ANALYSIS OF DESIGN OF FLOOD PROTECTION MEASURES IN LOWLAND CONDITIONS Speaker: Andrej Soltesz - Slovak University of Technology in Bratislava, Slovakia	
10:45 - 11:00	HYDRAULIC REVIEW OF FLOOD PROTECTION IN BARDEJOV CITY Speaker: Andrej Soltesz - Slovak University of Technology in Bratislava, Slovakia	
11:00 - 11:15	ARTIFICIAL SNOW MAKING RESERVOIRS IN ROMANIA, NOTES ON THEIR CONSTRUCTION, MAINTENANCE AND OPERATION Speaker: Catalin Popescu - Technical University of Civil Engineering Bucharest, Romania	
11:15 - 11:30	EVALUATION OF THE FLOW VELOCITY DISTRIBUTION IN THE INTAKE STRUCTURE OF A SMALL HYDROPOWER PLANT Speaker: Lucia Bytcanková - Slovak University of Technology in Bratislava, Slovakia	
11:30 - 11:45	MODEL INVESTIGATIONS OF SCOURING AT THE HRICOV WEIR USING SHORT-RANGE PHOTOGRAMMETRY Speaker: Martin Pavúček - Slovak University of Technology in Bratislava, Slovakia	
11:45 - 12:00	DAM REHABILITATION IN THE CONTEXT OF CURRENT EU FINANCE PROGRAMMES Speaker: Catalin Popescu - Technical University of Civil Engineering Bucharest, Romania	
12:00 - 13:00	LUNCH BREAK	

SESSION: SUSTAINABLE URBAN DEVELOPMENT - II

Chairmen: Will be announced in the venue after the confirmation of the invited person.

13:00 - 13:15	DISTRICT – LEARNING: AN INNOVATIVE APPROACH TO UPGRADE THE UAE EDUCATIONAL SECTOR Speaker: Vittorino Belpoliti - University of Sharjah, UAE
13:15 - 13:30	URBAN REGENERATION AND BUILDING RETROFIT A STRATEGY TOWARDS INSTILLING A CULTURE OF INNOVATION AND ENTREPRENEURSHIP Speaker: Vittorino Belpoliti - University of Sharjah, UAE
13:30 - 13:45	CITIES ON CIRCULAR ECONOMY: URBAN STRATEGIES BASED ON THE STUDY OF PIONEERING LOCAL EXPERIENCES Speaker: Nuria Nebot-Gómez de Salazar - University of Malaga, Spain
13:45 - 14:00	APPLICATION OF THE LANDSCAPE CHANGE INDEX FOR THE EVALUATION OF THE LEVEL OF SPATIAL STRUCTURE TRANSFORMATION - A CASE STUDY OF THE SOBÓTKA COMMUNE IN POLAND Speaker: Piotr Krajewski - Wroclaw University of Environmental and Life Sciences, Poland
14:00 - 14:15	WATER CONSERVATION IN NEPAL Speaker: Shannon Sanders McDonald - Southern Illinois University, USA
14:15 - 14:30	TRANSFORMATIONS OF DANUBE RECREATIONAL SITES Speaker: Silvia Bašová - Slovak University of Technology in Bratislava, Slovakia
14:30 - 14:45	ANALYSIS OF WATER RETENTION POSSIBILITIES BASED ON PROGRAMS, STRATEGIES AND SELECTED PROJECTS IN POLAND Speaker: Szymon Opania - Silesian University of Technology, Poland
15:45 - 15:15	Coffee Break
SESSION: SUSTAINABLE URBAN DEVELOPMENT - III	
Chairmen: Will be announced in the venue after the confirmation of the invited person.	
15:15 - 15:30	SUSTAINABLE TRANSITIONS OF URBAN PROJECTS TOWARDS MITIGATION AND ADAPTATION PROJECTS FOR CLIMATE CHANGE: THE CASE OF MEDELLIN Speaker: Gino Perez-Lancellotti - Universidad Católica del Norte, Chile
15:30 - 15:45	THE FOURTH GENERATION OF URBAN PROJECTS TO TACKLE CLIMATE CHANGE: A TYPOLOGICAL PROPOSAL Speaker: Gino Perez-Lancellotti - Universidad Católica del Norte, Chile
15:45 - 16:00	SHAPING THE IMAGE OF A CITY ON THE EXAMPLE OF A DEVELOPMENT OF PARTS OF WATERFRONT IN BYDGOSZCZ - A RELATION OF ROTHER'S MILLS AND NORDIC HAVEN BUILDING Speaker: Iga Grzeńskow - University of Science and Technology in Bydgoszcz, Poland
16:00 - 16:15	SUSTAINABLE CITY FORMS Speaker: Ilze Stokmane - Latvia University of Life Sciences and Technologies, Latvia
16:15 - 16:30	INTEGRAL DIAGNOSIS ON THE USE OF SUSTAINABLE WATER TREATMENT TECHNOLOGIES IN COLOMBIA Speaker: Laura Arboleda Muñoz - University of Medellín, Colombia

16.30 - 16.45	HARMONIZATION OF NATURAL AND URBAN STRUCTURES IN THE DANUBE REGION Speaker: Lubica Vítková - Slovak University of Technology in Bratislava, Slovakia
16.45 - 17.00	STRATEGIES TO IMPROVE URBAN ENERGY EFFICIENCY FOR URBAN RESILIENCE Speaker: Yalim Gültekin - Baskent University, Turkey
	END OF ORAL SESSIONS

HALL - PRAGUE WEST		1 September, 2021 – Morning Sessions
SESSION: ARCHITECTURAL HERITAGE AND CONSERVATION OF HISTORICAL STRUCTURES - V		
Chairmen: Will be announced in the venue after the confirmation of the invited person.		
09:00 - 09:15	CONSERVATION THROUGH KNOWLEDGE: THE CASE STUDY OF PARMA BOTANIC GARDEN Speaker: Lia Ferrari - University of Parma, Italy	
09:15 - 09:30	BRICK OF THE HISTORICAL HERITAGE: COMPARATIVE ANALYSIS OF THE THERMAL CONDUCTIVITY, DENSITY AND MOISTURE Speaker: María Ascensión Rodríguez Esteban - University of Salamanca, Spain	
09:30 - 09:45	RESTORATIONS IN CHILE IN THE MID-TWENTIETH CENTURY: THE NATIONAL MONUMENTS COUNCIL AND SOME OF THE FIRST ARCHITECTURAL HERITAGE INTERVENTIONS Speaker: María Victoria Correa Baeriswyl - Universidad de Santiago de Chile, Chile	
09:45 - 10:00	HISTORICAL ENERGY SUPPLY BUILDINGS IN CONTEMPORARY URBAN CITY CENTRES IN POLAND Speaker: Mateusz Grabowski - Lodz University of Technology, Poland	
10:00 - 10:30	Coffee Break	
SESSION: ARCHITECTURAL HERITAGE AND CONSERVATION OF HISTORICAL STRUCTURES - VI		
Chairmen: Will be announced in the venue after the confirmation of the invited person.		
10:30 - 10:45	THE IMPACT OF CLIMATE CHANGE ON HISTORICAL BUILDINGS IN HALFETI Speaker: Merve Kalender - Hasan Kalyoncu University, Turkey	
10:45 - 11:00	CONSERVATION OF HISTORICAL BUILDINGS IN KUALA LUMPUR: THE ECONOMIC ANALYSIS Speaker: Mohd Hayazi Agusi - University Putra Malaysia, Malaysia	
11:00 - 11:15	HISTORICAL AND MODERN BRIDGES OVER THE ELBE-VLTAVA WATERWAY Speaker: Pavel Fošumpaur - Czech Technical University in Prague, Czech Republic	
11:15 - 11:30	HISTORICAL RIVER TRAINING WORKS ON THE LOWER ELBE Speaker: Pavel Fošumpaur - Czech Technical University in Prague, Czech Republic	
11:30 - 11:45	USE OF WAR RUINS FOR MUSEOLOGICAL PURPOSES: ASSESSMENT OF THE HISTORIC SITE OF KHAZ'AL DIWAN (AL JABIR PALACE) IN KUWAIT Speaker: Reyhan Sabri - University of Sharjah, University, UAE	

11:45 - 12:00	FAR-REACHING DECISIONS ON URBAN LAYOUT MODIFICATION OF HISTORIC CENTRES IN THE XIX CENTURY AND ITS LEGACY IN THE XXI CENTURY. THE EXAMPLE OF ZAMORA (SPAIN) Speaker: María Ascensión Rodríguez Esteban - University of Salamanca, Spain
12:00 - 13:00	LUNCH BREAK

HALL - PRAGUE WEST		1 September, 2021 – Afternoon Sessions
SESSION: BUILDING PERFORMANCE AND SIMULATION		
Chairmen: Maria da Glória Gomes - Universidade de Lisboa, Portugal		
13:00 - 13:15	A THERMOPHYSICAL ANALYSIS OF HIGH-PERFORMANCE CONCRETE FOR AN INNOVATIVE SWIMMING POOL SOLUTION Speaker: Maria da Glória Gomes - Universidade de Lisboa, Portugal	
13:15 - 13:30	EFFECT OF HEAT TRANSFER BETWEEN POTABLE WATER COLD AND THE ENVIRONMENT INSIDE BUILDING ON WATER QUALITY Speaker: Dominika Macková - Slovak University of Technology in Bratislava, Slovakia	
13:30 - 13:45	PROPOSAL OF SIMPLIFIED WAY OF APPLYING WIND LOAD ON CIRCULAR CROSS-SECTION Speaker: Maciej Wisniewski - Silesian University of Technology, Poland	
13:45 - 14:00	EXPLORING OF ENERGY EFFICIENCY IN BUILDINGS CONSIDERING HOT CLIMATE WITH A PARTICULAR REFERENCE TO CITY OF RIYADH Speaker: Mamdooh Alwetaishi - Taif University, Saudi Arabia	
14:00 - 14:15	THERMAL AND ENERGY SIMULATION STUDY OF AN INNOVATIVE SWIMMING POOL CONSTRUCTION SOLUTION Speaker: Maria da Glória Gomes - Universidade de Lisboa, Portugal	
14:15 - 14:30	THE FUTURE OF LARGE PANEL BUILDINGS ASSESSMENT USING BPS TOOLS Speaker: Paulina Duch-Zebrowska - Gdansk University of Technology, Poland	
14:30 - 14:45	EFFECT OF COURTYARD ON CORRIDOR TEMPERATURE AND CLASSROOMS POSITIONED INSIDE AN INSTITUTIONAL BUILDING LOCATED IN WARM-HUMID CLIMATIC CONDITION: A FIELD EXPERIMENT AND SIMULATION PERSPECTIVE Speaker: Shanmugga Rani A - National Institute of Technology, India	
15:45 - 15:15	Coffee Break	
SESSION: ARCHITECTURAL HISTORIOGRAPHY		
Chairmen: Will be announced in the venue after the confirmation of the invited person.		
15:15 - 15:30	ARCHITECTURE AND SITE LAYOUTS OF PRUSSIAN ASYLUMS IN POLAND IN THE 19TH AND EARLY 20TH CENTURIES AS A REFLECTION OF THE DEVELOPMENT OF GERMAN PSYCHIATRY AND HEALTH POLICY Speaker: Daria Breczewska-Kulesza - University of Science and Technology in Bydgoszcz, Poland	
15:30 - 15:45	DEVELOPMENT OF URBAN RESIDENTIAL ZONES OF SARAJEVO DURING THE OTTOMAN PERIOD FROM 1455-1604 Speaker: Lejla Šabic - University of Sarajevo, Bosnia and Herzegovina	
15:45 - 16:00	IDENTITY OF TRADITIONAL FORUM OF THE SARAJEVO CARSI – FORMATION AND CHARACTERISATION Speaker: Lejla Šabic - University of Sarajevo, Bosnia and Herzegovina	

16:00 - 16:15	QUESTION OF AUTHENTICITY OF STEEL SHEET ROOF COVER ON TRADITIONAL HOUSING UNITS IN URBAN ENVIRONMENT Speaker: Lejla Šabic - University of Sarajevo, Bosnia and Herzegovina
SESSION: THEORIES OF VISION AND VISUALITY Chairmen: Will be announced in the venue after the confirmation of the invited person.	
16:15 - 16:30	RELATION OF THE GREEN STRUCTURE AND THE APPROPRIATION OF PUBLIC SPACES IN LARGE-SCALE RESIDENTIAL AREAS Speaker: Agnese Sofija Kusmane - Latvia University of Life Sciences and Technologies, Latvia
16:30 - 16:45	ROBERT LIISOVSKY'S GRAPHIC DESIGN DURING THE PRAGUE PERIOD OF HIS WORK Speaker: Serhii Milchevych - Lviv Polytechnic National Univ., Ukraine
16:45 - 17:00	NATIONAL REPRESENTATION THROUGH VISUAL FORM: THE PHENOMENON OF NATIONAL STYLE IN ARCHITECTURE Speaker: Serhii Milchevych - Lviv Polytechnic National Univ., Ukraine
END OF ORAL SESSIONS	

HALL – ZURICH		1 September, 2021 – Morning Sessions
SESSION: RISK MANAGEMENT AND MITIGATION PLANNING Chairmen: Silvia Bosa - Università degli Studi di Udine, Italy		
09:00 - 09:15	RELOCATION OF DREDGED MATERIAL FROM MARANO AND GRADO LAGOON: AN EXAMPLE OF SUSTAINABLE MANAGEMENT Speaker: Silvia Bosa - Università degli Studi di Udine, Italy	
09:15 - 09:30	DAM SAFETY EMERGENCY ACTION PLAN: A CURRENT PRACTICE FOR A HYDROPOWER DAM IN MALAYSIA Speaker: Rahsidi Sabri Muda - TNB Research, Kawasan Institute of Penyelidikan, Malaysia	
09:30 - 09:45	A BIDIMENSIONAL MODEL OF THE TAGLIAMENTO RIVER Speaker: Silvia Bosa - Università degli Studi di Udine, Italy	
09:45 - 10:00	CONSIDERATIONS REGARDING THE CLIMATE CHANGE INDUCED HAZARDS ON AIRPORTS IN ROMANIA – A CASE STUDY OF TIMISOARA INTERNATIONAL AIRPORT Speaker: Vlad Marazan - Polyethnic University of Timisoara, Romania	
10:00 - 10:30	Coffee Break	
SESSION: COMPUTER AIDED DESIGN, MATHEMATICAL AND STATISTICAL METHODS Chairmen: Silvia Bosa - Università degli Studi di Udine, Italy		
10:30 - 10:45	REALISM NOT REQUIRED: LOW QUALITY DESIGN ASPECTS OF WORLDS IN VIRTUAL REALITY ONLINE PLATFORMS Speaker: Bartosz Sliwcki - Bialystok University of Technology, Poland	
10:45 - 11:00	STRUCTURAL DESIGN AND TOPOLOGY OPTIMIZATION IN ARCHITECTURE Speaker: Junho Chun - Syracuse University, Syracuse, USA	
11:00 - 11:15	PROBABLISTIC MODELING OF DEMOGRAPHIC CHANGES IN SINGAPORE'S NEIGHBOURHOODS Speaker: Malik M. Barakathullah - Singapore University of Technology and Design, Singapore	
11:15 - 11:30	PREDICTION OF THE MONTHLY STREAM FLOWS USING ADAPTIVE-NETWORK-BASED FUZZY INFERENCE SYSTEM (ANFIS) APPROACH Speaker: Okan Mert Katipoglu - Erzincan Binali Yildirim University, Turkey	

11:30 - 11:45	MATHEMATICAL MODELING TO CONTROL THE CHEMICAL COMPOSITION OF BLAST FURNACE SLAG USING ARTIFICIAL NEURAL NETWORKS AND EMPIRICAL CORRELATION Speaker: Wandercleiton Cardoso - University of Genoa, Italy
12:00 - 13:00	LUNCH BREAK

HALL - ZURICH		1 September, 2021 – Afternoon Sessions
SESSION: SUSTAINABILITY IN THE BUILT ENVIRONMENT - II		
Chairmen: Will be announced in the venue after the confirmation of the invited person.		
13:00 - 13:15	MARKET TRANSFORMATION TOWARDS SUSTAINABILITY IN THE 21ST CENTURY BUILDINGS: COMPARING BUILDING PERFORMANCE ANALYSIS BETWEEN THE OLD AND THE NEW IN RIYADH Speaker: Hala Sirror - Prince Sultan University, Saudi Arabia	
13:15 - 13:30	PHOTOVOLTAIC FAÇADE PERFORMANCE EVALUATION Speaker: Jiri Hirs - Brno University of Technology, Czech Republic	
13:30 - 13:45	HEAT RECOVERY VENTILATION SYSTEMS AND THEIR PHYSICAL QUANTIFICATION Speaker: Josip Klem - Slovak University of Technology in Bratislava, Slovakia	
13:45 - 14:00	RESEARCH AND DEVELOPMENT OF INTELLIGENT COMPACT HEATING / COOLING UNITS USING RENEWABLE ENERGY SOURCES Speaker: Jozef Gašparík - Slovak University of Technology in Bratislava, Slovakia	
14:00 - 14:15	FROM 'ORTHOGONAL' SPRAWL TO 'CURVILINEAR' DENSE: ASSESSING ACCESSIBILITY INDICES FOR URBAN NETWORKS OF SOCIAL HOUSING IN UAE Speaker: Khaled Galal Ahmed - United Arab Emirates University, UAE	
14:15 - 14:30	MAINTENANCE MANAGEMENT OF INFRASTRUCTURE SYSTEMS: ORGANIZATIONAL FACTORS IN TERRITORIAL PLANNING Speaker: Paolo Castaldo - Politecnico di Torino, Italy	
14:30 - 14:45	DEFINING FOCUS AREAS FOR DIGITIZATION TO REDUCE CONSTRUCTION INDUSTRY GENERATED CO2 EMISSIONS Speaker: Patrik Márk Máder - University of Pécs, Hungary	
15:45 - 15:15	Coffee Break	
SESSION: SUSTAINABILITY IN THE BUILT ENVIRONMENT - III		
Chairmen: Will be announced in the venue after the confirmation of the invited person.		
15:15 - 15:30	COMBINED BUILDING-ENERGY SYSTEMS WITH HEAT TRANSFER CONTROL BY BUILDING CONSTRUCTIONS USING RES Speaker: Daniel Kalús - Slovak University of Technology in Bratislava, Slovak Republic	
15:30 - 15:45	TEMPERATURE RISE IN THE DOUBLE SKIN FAÇADE CAVITY DURING THE WINTER SEASON Speaker: Josip Klem - Slovak Univ. of Technology in Bratislava, Slovakia	
15:45 - 16:00	CRITICAL SUCCESS FACTORS FOR IMPLEMENTATION OF GREEN BUILDING IN INDIA Speaker: Abhay Tawalare - Visvesvaraya National Institute of Technology, India	

16:00 - 16:15	TOWARDS CLIMATE CHANGE ADAPTED BUILT ENVIRONMENTS - RETROFITTING THE EXISTING BUILDING STOCK OF MULTISTOREY RESIDENTIAL BUILDINGS FROM THE 19TH AND EARLY 20TH CENTURY IN INNER CITY AREAS IN GERMANY Speaker: Alexander Kader - LXX Kader + Architekten, Germany
16:15 - 16:30	ASPECTS OF REVERSIBILITY AND ENERGY EFFICIENCY OF PREFABRICATED STRAW STRUCTURES – GUIDELINES FOR SUSTAINABLE DESIGN OF ARCHITECTURAL INTERVENTIONS OF 21ST CENTURY Speaker: Amina Mihmic - University in Sarajevo, Bosnia and Herzegovina
16:30 - 16:45	UNIVERSITY CAMPUS SUSTAINABILITY: HOW STUDENTS SEE IT? Speaker: Amna Shibeika - United Arab Emirates University, UAE
16:45 - 17:00	POSSIBILITIES OF MANAGEMENT OF FLY ASH FROM MUNICIPAL SOLID WASTE INCINERATION PLANT IN BUILDING INDUSTRY IN THE CIRCULAR ECONOMY Speaker: Nikolina Poranek - Silesian University of Technology, Poland
END OF ORAL SESSIONS	

HALL - STOCKHOLM		1 September, 2021 – Morning Sessions
SESSION: STRUCTURAL ENGINEERING - I		
Chairmen: Levent Yilmaz - Nisantasi University, Turkey		
09:00 - 09:15	A NUMERICAL APPROACH FOR THE DESIGN OF RC BEAMS SUBJECTED TO AXIAL AND TRANSVERSE LOADS Speaker: Amal Wahbi - Centre Scientifique et Technique du Bâtiment (CSTB), France	
09:15 - 09:30	STRAIN MONITORING OF AN ALUMINIUM JOINT WITH AN OPTICAL SYSTEM Speaker: Ioan Both, - Polyethnic University of Timisoara, Romania	
09:30 - 09:45	A COMPARATIVE ANALYSIS ON THE METHODS OF STRENGTHENING ISOLATED REINFORCED CONCRETE COLUMNS Speaker: Asish Seeboo - University of Mauritius, Mauritius	
09:45 - 10:00	THERMAL CRACKS DEVELOPMENT STUDY IN NEWLY BUILT REINFORCED CONCRETE RESIDENCES Speaker: Asish Seeboo - University of Mauritius, Mauritius	
10:00 - 10:30	Coffee Break	
SESSION: STRUCTURAL ENGINEERING - II		
Chairmen: Ioan Both, - Polyethnic University of Timisoara, Romania		
10:30 - 10:45	EVALUATION OF FINITE ELEMENT SOFTWARE FOR SHEAR BEHAVIOUR OF CONCRETE WALL PANEL CONNECTIONS Speaker: Atis Dandens - Latvia Univ. of Life Sci. & Technologies, Latvia	
10:45 - 11:00	DESIGN METHOD FOR END-PLATE BOLTED CONNECTIONS Speaker: Birdean Calin Ioan - Polyethnic University of Timisoara, Romania	
11:00 - 11:15	ESTIMATION OF SEISMIC ECONOMIC LOSS AND DOWNTIME OF PRECAST CONCRETE FRAMES WITH “DRY” CONNECTIONS Speaker: Chenhao Wu - Southeast University, China	
11:15 - 11:30	FRAGILITY ANALYSIS AND RISK ASSESSMENT OF PRECAST CONCRETE FRAMES WITH “DRY” CONNECTIONS: A COMPARATIVE STUDY Speaker: Chenhao Wu - Southeast University, China	

11:30 - 11:45	ELASTIC ANALYSIS OF STEEL-CONCRETE COMPOSITE BEAMS WITH PARTIAL INTERACTION Speaker: Stefan M. Buru - Technical University of Cluj-Napoca, Romania
11:45 - 12:00	ASSESSING STRUCTURAL SAFETY OF AN ARCH DAM USING IN SITU VIBRATION TESTS Speaker: Daniel Gaftoi - Technical University of Civil Engineering Bucharest, Romania
12:00 - 13:00	LUNCH BREAK

HALL - STOCKHOLM		1 September, 2021 – Afternoon Sessions
SESSION: STRUCTURAL ENGINEERING - III		
Chairmen: Daniel Gaftoi - Technical University of Civil Engineering Bucharest, Romania		
13:00 - 13:15	A COMPARISON OF SHELL AND SOLID FINITE ELEMENT MODELS OF AUSTENITIC STAINLESS STEEL COLUMNS IN COMPRESSION Speaker: Daniel Jindra - Brno University of Technology, Czech Republic	
13:15 - 13:30	A STRAIGHTFORWARD PROCEDURE FOR DERIVING BIAXIAL INTERACTION DIAGRAMS OF RC SECTIONS IN FIRE Speaker: Duc Toan Pham - Centre Scientifique et Technique du Bâtiment (CSTB), France	
13:30 - 13:45	DETERMINATION OF THE DEFORMED SHAPE OF A NATURAL STONE MASONRY WALL EXPOSED TO FIRE LOADING BY A HOMOGENIZATION METHOD Speaker: Elodie Donval - Centre Scientifique et Technique du Bâtiment (CSTB), France	
13:45 - 14:00	ANALYSIS ON THE OPTIMAL DAMPER QUANTITY OF ENERGY DISSIPATION STRUCTURE Speaker: Fangqian He - Wuxi Taihu University, China	
14:00 - 14:15	INFLUENCE OF SLENDERNESS ON THE EVALUATION OF EPISEMIC UNCERTAINTY RELATED TO NON-LINEAR NUMERICAL ANALYSIS OF RC COLUMNS Speaker: Gabriele Bertagnoli - Politecnico di Torino, Italy	
14:15 - 14:30	STRUCTURAL HEALTH MONITORING ISSUES USING INCLINOMETERS ON PRESTRESSED CONCRETE GIRDER BRIDGE DECKS Speaker: Gabriele Bertagnoli - Politecnico di Torino, Italy	
14:30 - 14:45	FORMULATION OF PERFORMANCE LEVELS AND RELEVANT LIMITATIONS FOR CLAY BRICK MASONRY INFILLS IN SEISMIC ANALYSIS OF R/C FRAME STRUCTURES Speaker: Iacopo Costoli - University of Udine, Italy	
15:45 - 15:15	Coffee Break	
SESSION: STRUCTURAL ENGINEERING - IV		
Chairmen: Duc Toan Pham - Centre Scientifique et Technique du Bâtiment (CSTB), France		
15:15 - 15:30	ANALYZING THE PERFORMANCE OF CFRP RETROFITTED HOLLOW-CORE SLABS Speaker: Ilinca-Florina Moldovan - Technical University of Cluj-Napoca, Romania	

15:30 - 15:45	REAL-TIME DEFORMATION MEASUREMENTS USING SINGLE IMAGE PHOTOGRAMMETRY Speaker: Andrej Hideghéty - Slovak University of Technology in Bratislava, Slovakia
15:45 - 16:00	INNOVATIVE LIGHTWEIGHT COLD-FORMED STEEL-CONCRETE COMPOSITE FLOOR SYSTEM – LWT-FLOOR PROJECT Speaker: Ivan Lukačević - University of Zagreb, Croatia
16:00 - 16:15	COMPARISON OF THE PERFORMANCE OF PRESTRESSED RIBBED PANELS AND HOLLOW CORE PANELS SUPPORTED ON FOUR-EDGES Speaker: Jakub Zajac - Silesian University of Technology, Poland
16:15 - 16:30	NUMERICAL ANALYSIS OF PORTAL FRAME WITH SEMI-RIGID KNEE JOINTS Speaker: Janis Fabriciuss - Latvia University of Life Science and Technologies, Latvia
16:30 - 16:45	DIFFERENT PREDICTIVE RESEARCHES OF BUILDING LIFE PERIOD I Speaker: Levent Yilmaz - Nisantasi University, Turkey
	END OF ORAL SESSIONS

2 September, 2021 – Thursday

HALL – PRAGUE EAST		2 September, 2021 – Morning Sessions
SESSION: PUBLIC SPACE		
Chairmen: Will be announced in the venue after the confirmation of the invited person.		
09:00 - 09:15	HYPOTHESES OF URBAN REGENERATION. SMALL TOWNS IN THE VENETO REGION, ITALY Speaker: Alessandro Dalla Caneva - University of Padua, Italy	
09:15 - 09:30	FORM THE PANDEMIC AGORAPHOBIA TO NEW ECOLOGIES OF LIVING Speaker: George Katodrytis - American University of Sharjah, UAE	
09:30 - 09:45	THE IMPACT OF PUBLIC HEALTH CRISES ON LISBON PUBLIC SPACE POLICIES: FROM THE 19TH CENTURY TO THE PRESENT DAYS Speaker: José Narciso - FCSH-UNL Portugal	
09:45 - 10:00	POCKET PARKS CHARACTERISTICS FOR ENHANCING SOCIAL-LEARNING ACTIVITIES IN MALAYSIAN PUBLIC UNIVERSITIES Speaker: Sarah Abdulkareem Salih - University Putra Malaysia, Malaysia	
10:00 - 10:30	Coffee Break	
SESSION: URBAN DESIGN		
Chairmen: Will be announced in the venue after the confirmation of the invited person.		
10:30 - 10:45	REDEVELOPMENT OF HUAI KHWANG HOUSING PROJECT RESPONSIVE TO USERS' SPATIAL BEHAVIORS Speaker: Supagtra Suthasupa - Silpakom University, Thailand	
10:45 - 11:00	ON DIFFERENCE OF COGNITIVE STRUCTURE BETWEEN CHILDREN AND ADULTS BY THE PATH SELECTION ANALYSIS AND THE BASIC DRAWING METHOD Speaker: Ami Hasegawa - Osaka Institute of Technology, Japan	
11:00 - 11:15	LEGIBILITY ASPECTS OF OMANI TRADITIONAL RESIDENTIAL SETTLEMENTS Speaker: Islam Sallam - Sultan Qaboos University, Oman	
11:15 - 11:30	TRANSFORMATION BY METHOD OF SANATION – UNREGULATED RESIDENTIAL SETTLEMENTS OF SARAJEVO Speaker: Jasenka Čakarić - University of Sarajevo, Bosnia and Herzegovina	
11:30 - 11:45	ADAPTATION OF INTERNATIONAL STRATEGIES FOR THE REGENERATION OF PUBLIC SPACE IN THE CASE: COLEGIO TÉCNICO NACIONAL HERLINDA TORAL Speaker: Julio Pintado - University Católica de Cuenca, Ecuador	
11:45 - 12:00	LAND USE READJUSTMENT FOR ROI ET GOVERNMENT CENTRE, THAILAND Speaker: Supagtra Suthasupa - Chiang Mai University and Silpakorn University, Thailand	
12:00 - 13:00	LUNCH BREAK	

SESSION: WMCAUS-SS: Technological innovation and management in sustainable construction

Conveners: Prof. Dr. Elżbieta Radziszewska-Zielina, Assoc. Prof. Dr. Alicja Kowalska-Koczwara, Dr.

Małgorzata Fedorczyk-Cisak - Cracow University of Technology, Poland

Chairmen: Please see the appendix of "Session Chairmen List"

09:00 - 09:15	GREEN AREAS IN THE CITY AS AN ELEMENT OF NOISE PROTECTION Speaker: Alicja Kowalska-Koczwara - Cracow University of Technology, Poland
09.15 - 09.30	ENVIRONMENTAL PROTECTION AGAINST NOISE AND VIBRATION Speaker: Alicja Kowalska-Koczwara - Cracow University of Technology, Poland
09:30 - 09:45	THE ANNOYANCE OF SIMULTANEOUS OCCURRENCE OF NOISE AND VIBRATION ON PEOPLE IN BUILDINGS Speaker: Krzysztof Nering - Cracow University of Technology, Poland
09:45 - 10:00	REVIEW OF RESEARCH PROBLEMS IN CONSTRUCTION, AS ANALYSED USING SURVEY STUDIES Speaker: Elżbieta Radziszewska – Zielina - Cracow University of Technology, Poland
10:00 - 10:30	Coffee Break

SESSION: WMCAUS-SS: Applied Mechanics for Engineering Applications

Convener: Assoc.Prof.Dr. Arcan Yanik – ITU, Turkey

Chairmen: Please see the appendix of "Session Chairmen List"

10:30 - 10:45	MODELLING OF FUTURE DEVELOPMENT OF SOIL EROSION PROCESSES BASED ON THE CLM MODEL SCENARIOS Speaker: Zuzana Némětová - Slovak University of Technology in Bratislava, Slovakia
10:45 - 11:00	EFFECT OF FREEZE AND THAW CYCLES ON STRENGTH PROPERTIES OF RECYCLED CONCRETE AGGREGATES Speaker: Merve Akbas - Istanbul Technical University, Turkey
11:00 - 11:15	A NUMERICAL STUDY ON LIQUEFACTION INDUCED SETTLEMENTS BY USING PM4SAND MODEL Speaker: Ozan Subasi - Turkish-German University, Turkey
11:15 - 11:30	2D SITE RESPONSE IN ALLUVIAL BASINS BY FINITE DIFFERENCE-BASED NUMERICAL METHOD Speaker: Bilal Özaslan - Istanbul Technical University, Turkey

SESSION: THEORIES AND METHODS

Chairmen: Will be announced in the venue after the confirmation of the invited person.

11:30 - 11:45	LINEAR EQUATION SYSTEMS FOR STRUCTURAL ANALYSIS: IMAGINING RESOLUTIONS Speaker: Agustin Lacort - University of the Basque Country, Spain
11:45 - 12:00	INNOVATIVE PROGRAMMING PRODUCT FOR WORK ARCHITECT-URBANIST WITH BIG DATA OF CITY Speaker: Andrii Izbash - Kharkiv National University of Civil Engineering and Architecture, Ukraine
12:00 - 12:15	FEATURES OF THE FORMATION OF MODERN ETHNO-ARCHITECTURE OF THE RESIDENTIAL ENVIRONMENT OF KYRGYZSTAN Speaker: Saltanat Kozhobaeva - Kyrgyz State University, Kyrgyzstan

12:15 - 12:30	THEORETICAL PROBLEMS OF THE 19th CENTURY ARCHITECTURE: CHOICE OF PROTOTYPE AND DICHOTOMY OF CREATIVITY Speaker: Svitlana Linda - Lviv Polytechnic National University, Ukraine
	LUNCH BREAK

HALL - ZURICH		2 September, 2021 – Morning Sessions
SESSION: GEOTECHNICS - I		
Chairmen: Magdalena Kowalska - Silesian University of Technology, Poland Luís Andrade Pais - University of Beira Interior, Portugal		
09:00 - 09:15	EFFECT OF ASSUMED BOUNDARY CONDITIONS IN NUMERICAL MODEL OF ROAD PAVEMENT-MINING SUBSOIL SYSTEM ON CRITERIAL VALUES USED IN DESIGN USING MECHANISTIC METHODS Speaker: Beata Parkasiewicz - Building Research Institute (ITB), Poland	
09:15 - 09:30	LANDSLIDE TYPE MUDFLOWS BEHAVIOR: PHYSICAL AND NUMERICAL MODELING Speaker: Fredy Alexander Muñoz Cano - University of Medellin, Colombia	
09:30 - 09:45	MECHANICAL PROPERTIES OF HOT MIX ASPHALT WITH RECYCLED CONCRETE AGGREGATES Speaker: Gilberto Martinez-Arguelles - Universidad del Norte, Colombia	
09:45 - 10:00	FEM ANALYSES OF DYNAMIC BEHAVIOR OF FULLY-COUPLED TUNNEL-SOIL-ABOVE GROUND STRUCTURES Speaker: Glenda Abate - University of Catania, Italy	
10:00 - 10:30	Coffee Break	
SESSION: GEOTECHNICS - II		
Chairmen: Glenda Abate - University of Catania, Italy		
10:30 - 10:45	APPLICATION OF FLUIDIZED BED FURNACE BOTTOM ASH IN CIVIL ENGINEERING - A REVIEW Speaker: Grzegorz Kaczmarczyk - AGH University of Science and Technology, Poland	
10:45 - 11:00	STABILIZATION OF EXPANSIVE CLAYS USING RECYCLED GLASS Speaker: Hakan Yasarer - University, Mississippi, USA	
11:00 - 11:15	MECHANICAL BEHAVIOR OF A RESIDUAL SOIL FROM IGNINBRITO ROCK OF SÃO MIGUEL ISLAND – AZORES Speaker: Luís Andrade Pais - University of Beira Interior, Portugal	
11:15 - 11:30	PARAMETERS OF SAND-TYRE CHIPS MIXTURE FOR HARDENING SOIL SMALL CONSTITUTIVE MODEL Speaker: Magdalena Kowalska - Silesian University of Technology, Poland	
11:30 - 11:45	DIRECT FOUNDATION OF THE ROAD EMBANKMENT ON WEAK ORGANIC SOILS Speaker: Stanislaw Majer - West Pomeranian University of Technology in Szczecin, Poland	
12:00 - 13:00	LUNCH BREAK	

SESSION: STRUCTURAL ENGINEERING - V

Chairmen: Viorel Ungureanu - Polytechnic University of Timisoara, Romania

09:00 - 09:15	ITERATIVE OPTIMAL DESIGN OF SPECIAL MOMENT RESISTING DEVICES FOR STEEL FRAMES Speaker: Luigi Palizzolo - University of Palermo, Italy
09:15 - 09:30	EXPLORATORY FINITE ELEMENT ANALYSIS OF MONOLITHIC TOUGHENED GLASS PANES SUBJECTED TO HARD-BODY IMPACT Speaker: Marcin Kozlowski - Silesian University of Technology, Poland
09:30 - 09:45	CONSTRUCTABILITY IMPROVEMENT IN BRIDGE CONSTRUCTION IMPLEMENTING VALUE ENGINEERING APPROACH Speaker: Nagwan El Sayed Abo Elenen - Minufiya University, Egypt
09:45 - 10:00	INTEGRATED FRAMEWORK FOR PROPER CONSTRUCTABILITY IN BRIDGES USING VALUE ENGINEERING AND ANALYTICAL NETWORK PROCESS (ANP) Speaker: Nagwan El Sayed Abo Elenen - Minufiya University, Egypt
10:00 - 10:30	Coffee Break

SESSION: STRUCTURAL ENGINEERING - VI

Chairmen: Marcin Kozlowski - Silesian University of Technology, Poland

10:30 - 10:45	PUSH-OUT TEST AND FEM ANALYSIS OF CONTINUOUS SHEAR CONNECTOR Speaker: Patricia Vanova - Technical University of Kosice, Slovakia
10:45 - 11:00	ANALYSIS OF LAMINATED GLASS BENDING BEHAVIOUR WITH EVA INTERLAYER: FEM AND EXPERIMENTAL RESULTS Speaker: Salvatore Benfratello - University of Palermo, Italy
11:00 - 11:15	ON THE LIMIT BEHAVIOUR OF MOMENT RESISTING CONNECTIONS UNDER UNCERTAINTIES Speaker: Salvatore Benfratello - University of Palermo, Italy
11:15 - 11:30	BENDING MOMENT MULTIPLICATION FACTOR FOR AASHTO LIVE LOADS ADOPTED IN JORDAN FOR THREE UNEQUAL SPANS WITH ONE LANE Speaker: Samih Qaqish - University of Jordan Amman, Jordan
11:30 - 11:45	FINITE ELEMENT ANALYSIS OF SHEETING CONNECTED OVERLAPPED Z-PURLINS Speaker: Viorel Ungureanu - Polytechnic University of Timisoara, Romania
11:45 - 12:00	THE INFLUENCE OF AXIAL COMPRESSION AND MINOR AXIS BENDING ON THE BEHAVIOUR OF THIN-WALLED COLD-FORMED STEEL MEMBERS WITH OPEN CROSS-SECTIONS Speaker: Viorel Ungureanu - Polytechnic University Timisoara, Romania
12:00 - 13:00	LUNCH BREAK

VIDEO PRESENTATION – CONGRESS HALL 1 September, 2021 – Morning Sessions	
SESSION: WMCAUS-SS: Scientific Production in Latin America Case Study Cuenca - Ecuador – I	
Convener: Prof. Marco Avila Calle – Catholic University of Cuenca, Ecuador	
09:00 - 09:15	BAHAREQUE AS A SUSTAINABLE CONSTRUCTION SYSTEM. ANALYSIS OF UNITARY PRICES Speaker: Andres Palacios Ledesma Tapia - Catholic University of Cuenca, Colombia
09.15 - 09.30	PERFORMANCE ANALYSIS BY WORKING DAY IN THE PLACEMENT OF TOCHANO BRICK Speaker: Angel Guillermo Montaña Herrera - Catholic University of Cuenca, Colombia
09:30 - 09:45	DETERMINATION OF METAL CONTAMINATION, PRODUCED BY THE MINING COMPANY "RANCHO GRANDE" IN THE SANTA BÁRBARA RIVER, CHORDELEG CITY, AZUAY PROVINCE Speaker: Augusto Polibio Martínez Vega - Catholic University of Cuenca, Colombia
09:45 - 10:00	FEASIBILITY OF EXPANDABLE POLYSTYRENE IN THE CONSTRUCTION OF HOUSING OF SOCIAL INTEREST IN THE CITY OF AZOGUES Speaker: Byron Lenin González Lema - Catholic University of Cuenca, Colombia
10:00 - 10:30	Coffee Break
SESSION: WMCAUS-SS: Scientific Production in Latin America Case Study Cuenca - Ecuador – II	
Convener: Prof. Marco Avila Calle – Catholic University of Cuenca, Ecuador	
10:30 - 10:45	APPLICATION OF BIM MANAGEMENT IN THE WATER CONDUCTION CHANNEL OF THE CHICTICAY-PAUTE IRRIGATION SYSTEM Speaker: Carlos Chica - Catholic University of Cuenca, Colombia
10:45 - 11:00	SEISMIC VULNERABILITY AND RISK OF LOSSES CASE STUDY CENTER OF THE CITY OF AZOGUES Speaker: Carlos Julio Calle Castro - Catholic University of Cuenca, Colombia
11:00 - 11:15	SOIL STRUCTURE INTERACTION IN A RISK AREA OF A BASIN WITH USE OF MICROPILES Speaker: Carlos Julio Cordero - Catholic University of Cuenca, Colombia
11:15 - 11:30	EVALUATION OF THE EXPOSURE TO NOISE OF CIVIL WORKERS WHEN EXCAVING AND COMPACTING WITH PNEUMATIC EQUIPMENT IN THE SEWAGE EXECUTION STAGE. CASE STUDY: CUENCA – ECUADOR Speaker: Carmen Leonor Cabrera Pazmiño - Catholic University of Cuenca, Colombia
11:30 - 11:45	SUSTAINABLE MOBILITY ACCIDENTALITY ANALYSIS IN URBAN PARISHES OF CUENCA Speaker: César Humberto Maldonado Noboa - Catholic University of Cuenca, Colombia

11:45 - 12:00	FRAMEWORK OF AUTOMATION IN DRINKING WATER ANALOGUE METERS, CASE: CITY OF CAÑAR Speaker: Christian Vinicio Fernández Romero - Catholic University of Cuenca, Colombia
12:00 - 13:00	LUNCH BREAK

VIDEO PRESENTATION – CONGRESS HALL 1 September, 2021 – Afternoon Sessions	
SESSION: WMCAUS-SS: Scientific Production in Latin America Case Study Cuenca - Ecuador – III	
Convener: Prof. Marco Avila Calle – Catholic University of Cuenca, Ecuador	
13:00 - 13:15	BIM MANAGEMENT METHODOLOGY FOR THE DOCUMENTATION OF ARCHITECTURAL RESTORATION PROJECTS: CASE STUDY OF CUENCA – ECUADOR Speaker: Cristian Jorge Sagbaicela Sánchez - Catholic University of Cuenca, Colombia
13:15 - 13:30	BIOCLIMATIC ATLAS OF THE AZUAY PROVINCE, TO IMPROVE THE PLANNING OF BIOCLIMATIC ARCHITECTURE Speaker: Darwin Augusto Condoy Carrillo - Catholic University of Cuenca, Colombia
13:30 - 13:45	MICROZONIFICATION OF FLOOR WITH SLIDING IN MULTI PARISH Speaker: Diana del Rocío Urgiles Parra - Catholic University of Cuenca, Colombia
13:45 - 14:00	AUSE OF RECYCLED RUBBER AS THERMAL INSULATION APPLIED IN SOCIAL HOUSING OF INTER-ANDEAN REGION Speaker: Domenica Liliana Castillo Aulestia - Catholic University of Cuenca, Colombia
14:00 - 14:15	SUSTAINABLE URBAN MOBILITY PROPOSAL FOR THE CANTON SÍGSIG, AZUAY PROVINCE Speaker: Edison Fajardo-Vasquez - Catholic University of Cuenca, Colombia
14:15 - 14:30	RECOMMENDATIONS TO GUIDE THE SUCCESS OF THE ROAD PROJECT MANAGEMENT, ANALYSIS OF THE TRIPLE RESTRICTION Speaker: Edison Patiño - Catholic University of Cuenca, Colombia
14:30 - 14:45	SOCIO-ECONOMIC EVOLUTION OF ECUADOR: MAIN ECONOMIC INDICATORS AND SOCIAL PHENOMENA IN RECENT YEARS Speaker: Froilán-Segundo Méndez-Vélez - Catholic University of Cuenca, Colombia
15:45 - 15:15	Coffee Break
SESSION: WMCAUS-SS: Scientific Production in Latin America Case Study Cuenca - Ecuador – IV	
Convener: Prof. Marco Avila Calle – Catholic University of Cuenca, Ecuador	
15:15 - 15:30	SCIENTIFIC PRODUCTION IN THE ECUADORIAN CONTEXT: A PERSPECTIVE ON THE KNOWLEDGE DISSEMINATION AMONG HIGHER EDUCATION INSTITUTIONS, PERIOD 2015-2019 Speaker: Froilán-Segundo Méndez-Vélez - Catholic University of Cuenca, Colombia

15:30 - 15:45	EVALUATION AND ANALYSIS OF UNIT PRICES OF THE EL TAPIAL CONSTRUCTION SYSTEM Speaker: Hernán Patricio Ordoñez Tapia - Catholic University of Cuenca, Colombia
15:45 - 16:00	ANALYSIS OF HOUSING CONSTRUCTION AND DESIGN TECHNIQUES CONSIDERING BIOSECURITY PARAMETERS TO MITIGATE THE RISK OF CONTAGATION IN THE CONTEXT OF COVID-19 Speaker: Janneth Banegas Barros - Catholic University of Cuenca, Colombia
16:00 - 16:15	ECONOMIC SUSTAINABILITY FOR THE IMPLEMENTATION OF THE VEHICLE TECHNICAL REVIEW UNIT FOR THE SIGSIG CANTON AZUAY PROVINCE Speaker: Jonnathan Paul Figueroa - Catholic University of Cuenca, Colombia
16:15 - 16:30	DEVELOPMENT OF A SPRAY DISINFECTION MECHANISM FOR BATHROOMS IN HOMES IN THE CITY OF CUENCA Speaker: Jorge Luis Arias Duy - Catholic University of Cuenca, Colombia
16.30 - 16.45	MODELING AND EVALUATING THE SEISMIC CAPACITY OF TYPICAL NON-REINFORCED BRICK BUILDINGS IN THE HISTORICAL CENTER OF CUENCA Speaker: José Miguel Calderón Brito - Catholic University of Cuenca, Colombia
16.45 - 17.00	HABITABILITY AND HYGROTHERMAL COMFORT ANALYSIS OF SOCIAL INTEREST HOUSES IN ECUADOR, TEMPERATE CONTINENTAL CLIMATE ZONE Speaker: Juan Carlos Vázquez Calle - Catholic University of Cuenca, Colombia
END OF ORAL SESSIONS	

VIDEO PRESENTATION – CONGRESS HALL 2 September, 2021 – Morning Sessions

SESSION: WMCAUS-SS: Scientific Production in Latin America Case Study Cuenca - Ecuador – V

Convener: Prof. Marco Avila Calle – Catholic University of Cuenca, Ecuador

09:00 - 09:15	SEISMIC VULNERABILITY DUE TO CONSTRUCTION DEFECTS Speaker: Juan Diego Ordoñez Maldonado - Catholic University of Cuenca, Colombia
09.15 - 09.30	AIR PURIFYING LATTICE THROUGH IONIZATION Speaker: Juan Quezada - Catholic University of Cuenca, Colombia
09:30 - 09:45	STRUCTURAL HEALTH MONITORING (SHM) OF THE SAN JOSE BRIDGE THROUGH THE USE OF SENSORS (IoT) Speaker: Juan Sebastián Maldonado Noboa - Catholic University of Cuenca, Colombia
09:45 - 10:00	NON-DESTRUCTIVE TESTS FOR THE EVALUATION OF WELDING IN STRUCTURES WITH ULTRASOUND Speaker: Marcelo David Bedoya Izquierdo - Catholic University of Cuenca, Colombia
10:00 - 10:30	Coffee Break

SESSION: WMCAUS-SS: Scientific Production in Latin America Case Study Cuenca - Ecuador – VI	
Convener: Prof. Marco Avila Calle – Catholic University of Cuenca, Ecuador	
10:30 - 10:45	SUSTAINABILITY ASSESSMENT METHODS IN EXISTING BUILDINGS: COMPARATIVE ANALYSIS IN HERITAGE ASSETS SIGNED FOR PUBLIC USE IN GIRÓN, ECUADOR Speaker: Marco Andrés Reinoso Calle - Catholic University of Cuenca, Colombia
10:45 - 11:00	COMPARATIVE STUDY BETWEEN THE MANAGEMENT MODELS OF SOCIAL HOUSING PROGRAMS: SAV-BID AND FISCAL FINANCING, OF THE CANTON CUENCA BETWEEN THE YEARS 2010-2020 Speaker: María Alexandra Arias Abad - Catholic University of Cuenca, Colombia
11:00 - 11:15	MONITORING OF THE STRUCTURAL HEALTH OF THE BUILDING OF THE CATHOLIC UNIVERSITY OF CUENCA Speaker: Norma Fernanda López Rivera - Catholic University of Cuenca, Colombia
11:15 - 11:30	CALCULATION OF SOLAR COLLECTORS FOR THE OBTAINING OF HOT WATER, APPLIED TO SOCIAL HOUSING IN DIFFERENT CLIMATE FLOORS OF ECUADOR, COSTA, SIERRA, EAST AND HIGH MOUNTAIN Speaker: Pablo Daniel Ramirez Reyes - Catholic University of Cuenca, Colombia
11:30 - 11:45	COMPARISON OF HYGROTHERMAL COMFORT AND LIFE CYCLE BETWEEN RECYCLED PLASTIC BLOCKS (PET) AND CONCRETE BLOCKS IN A SOCIAL TYPE HOUSING IN THE CITY OF CUENCA Speaker: Paulo Genovez - Catholic University of Cuenca, Colombia
11:45 - 12:00	PROPOSAL FOR A SYSTEM OF COMMUNICATION AND TRANSFERENCE OF INFORMATION, REQUIREMENTS OF CONSTRUCTION INDUSTRY IN CUENCA Speaker: Sonia Celena Sánchez Torres - Catholic University of Cuenca, Colombia
12:00 - 12:15	ANALYSIS METHODOLOGY TO MITIGATE THE EFFECT OF THE URBAN HEAT ISLAND OF THE CITY OF CUENCA WITH EMPHASIS ON THE CONCRETE PAVEMENTS Speaker: Trotsky Fernando Narváez Montoya - Catholic University of Cuenca, Colombia
12:15 - 12:30	COSTEO, ADOBE TECHNIQUE AS A SUSTAINABLE CONSTRUCTION SYSTEM IN THE CITY OF CUENCA peaker: Verónica Alexandra Molina Villavicencio - Catholic University of Cuenca, Colombia
12:00 - 13:00	LUNCH BREAK

POSTER PROGRAM

30 August, 2021 – Monday

13.00 -15.00

Stand No: 1 GLOBAL SENSITIVITY ANALYSIS OF ULTIMATE LIMIT STATES OF STAINLESS STEEL STRUCTURAL MEMBERS

Abayomi Omishore Brno University of Technology, Czech Republic

Stand No: 2 LOAD HEIGHT POSITION EFFECT ON THE STABILITY OF WEB-TAPERED THIN-WALLED OPEN SECTION BEAMS

Abdelrahmane Bekaddour Benyamina Ibn Khaldoun University, Algeria

Stand No: 3 PROPERTIES OF SEALED JOINTS AFTER EXPOSURE TO WATER

Adam Boháček Brno University of Technology, Czech Republic

Stand No: 4 MODERNIZATION AND INTEGRATION OF SPATIAL DATA OBTAINED FROM VARIOUS SOURCES FOR 3D VISUALIZATION

Adam Dorskocz University of Warmia and Mazury in Olsztyn, Poland

Stand No: 5 THE BEST HOUSING ESTATE IN CZECHOSLOVAKIA

Adam Guzdek Brno University of Technology, Czech Republic

Stand No: 6 INVESTIGATION OF BEARING CAPACITY OF THE DRILL - IMPACT MICROPILES WITH ENLARGED TOE IN THE SOILS OF DIFFERENT TYPE

Adam Podhorecki UTP University of Science and Technology, Poland

Stand No: 7 DETERMINANTS OF INVESTMENT PROJECT LOCATION BASED ON EMPIRICAL RESEARCH

Agnieszka Dziadosz Poznan University of Technology, Poland

Stand No: 8 CAUSE AND TYPES OF DELAYS IN CONSTRUCTION WORKS IN POLISH CONSTRUCTION INDUSTRY – INVESTIGATION OF SELECTED RESULTS

Agnieszka.dziadosz@put.poznan.pl Poznan University of Technology, Poland

Stand No: 9 CREATING A LOGIC MAP FOR DRONE USE IN CONSTRUCTION SITES USING RISK PARAMETERS

Ahmad Arabiat Jadara University, Jordan

Stand No: 10 TEACHING SITE EVALUATION SKILLS FOR LEED CERTIFIED BUILDINGS ONLINE USING BROOKFIELD'S CRITICAL INCIDENT QUESTIONNAIRE

Albena Yordanova South Dakota State University, USA

Stand No: 11 STUDY ON THERMAL COMFORT IN INDUSTRIAL BUILDINGS, HEATED BY RADIATION

Alexandru Filipovici Polytechnic University of Timisoara, Romania

Stand No: 12 THE SPECIFICS OF THE INDUSTRIAL ARCHITECTURE OF SARATOV REGION IN THE SECOND HALF OF THE 19 TH – EARLY 20 TH CENTURY

Alexey Selivanov Yuri Gagarin State Technical University of Saratov (SSTU), Russia

Stand No: 13 ARTICULATION OF FACADE GRAPHICS IN ARCHITECTURE AND ITS DEVELOPMENT TECHNIQUES

Alina Lipowicz-Budzynska UTP University of Science and Technology, Poland

Stand No: 14 LETTER GRAPHICS IN THE FACADE OF THE BUILDING - COMPOSITION AND MESSAGE

Alina Lipowicz-Budzynska UTP University of Science and Technology, Poland

Stand No: 15 ARCHITECTURAL PRESENCE AND GENIUS LOCI. REIMAGINED

Alma-Dia Hapenciu PPolytechnic University of Timisoara, Romania

15.00 -17.00

Stand No: 1 ALIGNMENT OF BRAKING PERFORMANCE FOR TRUCK AND TRAILER

Andrej Haring Truck Consult, Czech Republic

Stand No: 2 IMPULSE DEVELOPMENT OF CITIES CAUSED BY THE RANGE OF CERTAIN INFRASTRUCTURAL FACTORS. FORMS AND EXPERIENCE

Andriy Pavliv Lviv Polytechnic National University, Ukraine

Stand No: 3 CHANGE IN THE OFFER PRICE OF REAL ESTATE IN RELATION TO THE LOCALITY - A CASE STUDY

Aneta Oblouková Brno University of Technology, Czech Republic

Stand No: 4 HYBRID RENEWABLE TRIGENERATION SYSTEMS INCLUDING SEASONAL BOREHOLE THERMAL ENERGY STORAGES: DYNAMIC PERFORMANCE ASSESSMENT OF 10 ITALIAN CASE STUDIES UPON VARYING CLIMATIC CONDITIONS AND UNDERGROUND PROPERTIES

Antonio Rosato University of Campania Luigi Vanvitelli, Italy

Stand No: 5 ACOUSTICS OF A SCHOOL BUILDING MADE IN WOODEN TECHNOLOGY ON THE EXAMPLE OF BUILDING FROM THE SECOND HALF OF THE 19TH CENTURY

Artur Nowoswiat Silesian University of Technology, Poland

Stand No: 6 SIGNIFICANCE OF ADHESION THEORIES IN AREA OF FLEXIBLE BONDED STRUCTURAL JOINTS IN CONSTRUCTION SECTOR

Barbora Necasová Brno University of Technology, Czech Republic

Stand No: 7 INFLUENCE OF ARAMID-POLYALPHAOLEFIN FIBERS ON THE PROPERTIES OF BITUMINOUS MIXTURES

Bartosz Budziński West Pomeranian University of Technology in Szczecin, Poland

Stand No: 8 FIRE SAFETY MEASURES REGARDING THE COSERVATION OF HERITAGE BUILDINGS IN ROMANIA

Bogdan Braescu Ion Mincu University of Architecture and Urban Planning, Romania

Stand No: 9 POSSIBILITY OF USING COTTON KNITTED FABRIC WASTE IN CONCRETE

Bruno Bartulovic University of Split, Croatia

Stand No: 10 THE INTERPRETATION OF NATURE IN INTERIOR DESIGN

Ciobanu Florin Cristian Polytechnic University of Timisoara, Romania

Stand No: 11 FROM SEISMIC INSTRUMENTATION TOWARDS DISASTER PREVENTION AND MITIGATION
Claudiu Sorin Dragomir University of Agronomic Sciences and Veterinary Medicine, Romania

Stand No: 12 ANTHROPOGENIC IMPACT ASSESSMENT IN THE ARANCA DRAINAGE AREA
Codruta Badaluta Minda Polyethnic University of Timisoara, Romania

Stand No: 13 THE RUNOFF SIMULATION BY SCS-CN MODEL IN A CATCHMENT AREA
Codruta Badaluta Minda Polytechnic University of Timisoara, Romania

Stand No: 14 EVALUATION OF THE WATER MANAGEMENT ACTIVITY IN THE IMPLEMENTATION
PROCESS OF THE WASTE TRANSFER STATIONS IN ROMANIA
Crețan Ioana-Alina Polyethnic University Timisoara, Romania

Stand No: 15 THE RESOURCE ASSESMENT DURING PROJECT IMPLEMENTATON INFLUENCED BY LOW
QUALITY OF PERFORMED ACTIVITIES
Dalibor Vytlačil University of Chemistry and Technology, Czech Republic

09.00 -10.30

Stand No: 1 THEORETICAL PREDICTION OF PUNCHING SHEAR CAPACITY OF FLAT SLABS WITHOUT SHEAR REINFORCEMENT STRENGTHENED BY CONCRETE TOPPING

Daniel Ceres Slovak University of Technology in Bratislava, Slovakia

Stand No: 2 EXPERIMENTAL STUDY FOR THE ANALYSIS OF THE POTENTIAL ENERGY CONVERSION OF WASTEWATER DISCHARGED FROM INSTALLATIONS AND EQUIPMENT'S OF THE CIVIL AND INDUSTRIAL BUILDINGS

Danut Tokar Polytechnic University of Timisoara, Romania

Stand No: 3 LEAKS, PIPE BREAKS, AND PREVENTIVE MAINTENANCE

Danut Tokar Polytechnic University of Timisoara, Romania

Stand No: 4 MATHEMATICAL MODELLING AND OPERATION SIMULATION OF THE INDIRECT CONNECTION SCHEME OF THE HEATING INSTALLATION AND OF THE CONSUMPTION HOT WATER PREPARATION IN AN ACCUMULATING STAGE

Danut Tokar Polytechnic University of Timisoara, Romania

Stand No: 5 ADVANTAGES AND DISADVANTAGES OF THE MODULAR CONSTRUCTION, INCLUDING ENVIRONMENTAL IMPACTS

Dita Horinková Brno University of Technology, Czech Republic

Stand No: 6 FROM TRADITIONAL TO SMART BUILDING MATERIALS IN ARCHITECTURE

Dobrescu Laura Andreea Ion Mincu University of Architecture and Urbanism, Romania

Stand No: 7 CHANGING THE LIGHTING CONDITIONS IN THE ATTIC BY CHANGING THE SIZE OF THE TRANSPARENT SURFACES

Dusan Katunsky Technical University of Kosice, Slovakia

Stand No: 8 COMPARISON OF DAYLIGHT LEVELS USING DIFFERENT CALCULATION TOOLS

Dusan Katunsky Technical University of Kosice, Slovakia

Stand No: 9 MODERNIZATION AND EXTENSION OF THE IRRIGATION SYSTEM - SPP1 - 1700 HA, SAHATENI, ROMANIA

Erika Beilicci Polyethnic University Timisoara, Romania

Stand No: 10 ECOLOGICAL ASPECTS IN THE DETACHED HOUSE CONSTRUCTION

Gabriela Kocourkova Brno University of Technology, Czech Republic

Stand No: 11 COMPARISON OF THE PERFORMANCE DEVELOPMENT OF CONSTRUCTION COMPANIES IN THE SOUTH MORAVIAN REGION OF THE CZECH REPUBLIC: A CASE STUDY

Gabriela Kocourkova Brno University of Technology, Czech Republic

Stand No: 12 INNOVATIVE LIGHTWEIGHT COLD-FORMED STEEL-CONCRETE COMPOSITE FLOOR SYSTEM – LWT-FLOOR PROJECT

Ivan Lukačević - University of Zagreb, Croatia

Stand No: 13 ARTICULATION OF FACADE GRAPHICS AND TECHNIQUES OF ITS IMPLEMENTATION

Alina Lipowicz-Budzyńska - UTP University of Science and Technology, Poland

10.30 -12.00

Stand No: 1 APPROXIMATION PROCEDURE FOR DETERMINING OSCILLATION PERIOD OF FRAME STRUCTURE

Faris Trešnjo Interprojekt d.o.o. Mostar, Bosnia and Herzegovina

Stand No: 2 A STUDY ON THE ADHESION IN THE INTERFACIAL TRANSITION ZONE BETWEEN GLASS FIBRE REINFORCED REBAR AND THE CEMENT MATRIX

Grigory Yakovlev Kalashnikov Izhevsk State Technical University, Russia

Stand No: 3 APPLICATION OF CERAMSITE DUST AS AN ACTIVE POZZOLAN ADDITIVE IN THE CEMENT-BASED COMPOSITIONS

Grigory Yakovlev Kalashnikov Izhevsk State Technical University, Russia

Stand No: 4 SUSTAINABLE WAYS AND METHODS OF RECYCLING EPOXY FIBERGLASS WASTE

Grigory Yakovlev Kalashnikov Izhevsk State Technical University, Russia

Stand No: 5 OPTIMIZATION OF WASTE POLYMER ADDITION USING PLACKETT-BURMAN DESIGN PLAN

Grzegorz Mazurek Kielce University of Technology, Poland

Stand No: 6 BUILDING CLIMATE-ADAPTION CITY THROUGH MULTIPLE SCALE COOPERATION: EXPERIENCES FROM COPENHAGEN

Haiyun Xu Faculty of Architecture and Urban Planning, Beijing University of Civil Engineering and Architecture, Zhanlanguanlu No1, Xicheng District, Beijing

Stand No: 7 SHOPPING CENTER ARCHITECTURE - MORPHOLOGY AND SPACE ORGANIZATION OF SHOPPING CENTRE COLOMBO, LISBON

Helen Morais University of Lisbon, Portugal

Stand No: 8 THE STUDY OF THE PROPERTIES OF ROAD BASE MATERIAL WITH RECYCLED AGGREGATE UNDER THE MEDIAN VALUE OF STANDARD GRADATION

Hui Zhao School of Transportation Science and Engineering, China

Stand No: 9 APPROXIMATION OF FUNCTIONS IN MULTI-CRITERIAL SYNTHESIS OF COMPOSITE MATERIALS

Irina Garkina Penza State University of Architecture and Construction, Russia

Stand No: 10 MATHEMATICAL APPARATUS FOR THE SYNTHESIS OF COMPOSITE MATERIALS WITH SPECIFIED PROPERTIES

Irina Garkina Moscow Polytechnic University, Russia

Stand No: 11 THE PERSPECTIVE OF COWORKING OFFICES IN THE CONTEXT OF THE SMALL BUSINESS DEVELOPMENT

Iwona Forys University of Szczecin, Poland

Stand No: 12 IMPACT OF BUILDING LOCATION ON ITS ENERGY DEMAND

Iwona Pokorska-Silva Silesian University of Technology, Poland

13.00 -15.00

Stand No: 1 ANALYSIS OF THE INFLUENCE OF REDISPERSIBLE POLYMER POWDER ON WATER AND FROST RESISTANCE OF RECYCLED COLD MIXTURE WITH ASPHALT EMULSION

Jakub Krasowski Kielce University of Technology, Poland

Stand No: 2 ANALYSIS OF THE REPORTED REVIEWED RESPONSES AND MEASURED VALUES FROM DRIVERS/USERS ON ROUTE SELECTION BASED ON RESPONSES TO DISTURBANCES IN THE URBAN TRANSPORT NETWORK

Jan Perša University of Maribor, Slovenija

Stand No: 3 STUDY RESULTS AND ACHIEVING HIGH VENTILATION AIR QUALITY IN ARCHITECTURE FOR A PUBLIC UTILITY BUILDING – SHOPPING CENTRE IN MIELEC, POLAND

Jan Wrana Lublin University of Technology, Poland

Stand No: 4 STUDY RESULTS AND OBTAINING HIGH VENTILATION AIR QUALITY IN ARCHITECTURE FOR AN OLD SHOPPING CENTRE PUBLIC UTILITY BUILDING WITH MODERNISED EL. HEATING IN WARSAW, DISTRICT, POLAND

Jan Wrana Lublin University of Technology, Poland

Stand No: 5 DEVELOPMENT OF INDUSTRIAL ZONE AS AREA FOR CONSTRUCTION OF WAREHOUSE AND PRODUCTION HALLS

Jana Korytářová Brno University of Technology, Czech Republic

Stand No: 6 USE OF CONSTRUCTION PROJECT SCHEDULING METHODS IN THE CZECH REPUBLIC

Jana Nováková Brno University of Technology, Czech Republic

Stand No: 7 SHEAR ASSESSMENT OF EXISTING PRESTRESSED BOX GIRDER BRIDGES

Jaroslav Baran Slovak University of Technology in Bratislava, Slovak Republic

Stand No: 8 STUDIES ON THE RECONSTRUCTION OF THE ORIGINAL APPEARANCE OF THE "ROMANTIC TOWER" AND THE „HUNTING LODGE" IN WODZISLAW SLASKI

Jerzy Pockisk-Dobrowolski Silesian University of Technology, Poland

Stand No: 9 QUANTIFYING THE SPATIAL EVOLUTION OF BAI PEOPLE'S COURTYARD HOUSES

Jonathan Krauth Shanghai Jiao Tong University, China

Stand No: 10 MODELLING AND EVALUATION OF THE SEISMIC CAPACITY OF TYPICAL BRICK URM BUILDINGS OF THE HISTORICAL CENTER OF CUENCA-ECUADOR

José Calderón-Brito Catholic University of Cuenca, Ecuador

Stand No: 11 CONSTRUCTIONS OF BUILDINGS BASED ON SOLID WOODEN ELEMENTS
Jozef Švajlenka Technical University of Košice, Slovakia

Stand No: 12 SPECIFICS OF MULTI-STOREY WOOD-BASED BUILDINGS
Jozef Švajlenka Technical University of Košice, Slovakia

Stand No: 13 A PRELIMINARY STUDY OF VISUAL CONSTRUCTION DOCUMENTATION
Junshan Liu Auburn University, USA

Stand No: 14 REEXAMINING THE OLD DEPOT MUSEUM IN SELMA, ALABAMA, USA
Junshan Liu Auburn University, USA

Stand No: 15 A STUDY OF SANDWICH REINFORCED CONCRETE – FOAMED CONCRETE FLOOR SLABS
Justyna Sobczak-Piastka UTP University of Science and Technology, Poland

15.00 -17.00

Stand No: 1 EFFECT OF NON-METALLIC COMPOSITE REINFORCEMENT ON LOAD-BEARING CAPACITY
Justyna Sobczak-Piastka UTP University of Science and Technology, Poland

Stand No: 2 METHOD OF EXPERIMENTAL RESEARCH OF NEW CONSTRUCTION OF BEAMS FROM
GLUED WOOD WITH COMBINED REINFORCEMENT
Justyna Sobczak-Piastka UTP University of Science and Technology, Poland

Stand No: 3 ENERGY PERFORMANCE QUALITY OF BUILDINGS' ENVELOPE ON THE ISLES OF USEDOM
AND WOLLIN, BASED ON THE INFRARED EXAMINATION
Karolina Kurtz-Orecka West Pomeranian University of Technology in Szczecin, Poland

Stand No: 4 ADAPTATION AND REVITALIZATION OF INDUSTRIAL FACILITIES INTERIORS ON AN
EXAMPLE OF A BUILDING OF 'THE OLD POWER PLANT BIALYSTOK'
Kinga Palus University of Technology, Poland

Stand No: 5 A STRUCTURED METHOD TO DEFINE GOALS WHEN DEVELOPING A BUILDING ENERGY
PERFORMANCE ASSESSMENT METHOD IN A LEGISLATIVE FRAMEWORK
Kjartan Van den Brande Ghent University, Belgium

Stand No: 6 IMPLEMENTATION OF BIM METHOD AND MENTAL HEALTH CRISIS IN AEC INDUSTRY
Kristýna Pruskova Czech Technical University in Prague, Czech Republic

Stand No: 7 SUSTAINABLE CITY- GREEN WALLS AND ROOFS AS ECOLOGICAL SOLUTION
Krystyna Strumillo Lodz University of Technology, Poland

Stand No: 8 DEMOGRAPHIC FACTOR AS A CRITERION FOR FORMING NETWORKS OF PUBLIC
BUILDINGS IN UKRAINE
Larysa Shuldan Lviv Polytechnic National University, Ukraine

Stand No: 9 PHOTOVOLTAIC SYSTEMS INTEGRATION RULES AND RESTRICTIONS IN THE HISTORIC BUILDINGS ARCHITECTURE

Larysa Shuldan Lviv Polytechnic National University, Ukraine

Stand No: 10 COMPARISON OF TWO MEMBRANE STRUCTURES WITH DIFFERENT STIFFNESSES

Lenka Stulerova Faculty of Civil Engineering TUKE, Vysokoskolska 4, 042 00 Kosice, Slovakia

Stand No: 11 RESEARCH ON VITALITY IMPROVEMENT STRATEGY FOR THE HISTORIC BLOCK OF TAIYANGGOU IN LÜSHUN

Li Miao Dalian University of Technology, China

Stand No: 12 STOCHASTIC-BASED RELIABILITY ANALYSIS OF STAINLESS STEEL BEAMS UNDER BENDING

Libor Puklický Brno University of Technology, Czech Republic

Stand No: 13 PROTECTION PERIMETER OF A NEW MINERAL WATER IN AN ESSENTIALLY URBAN ENVIRONMENT: THE CASE OF THE SÃO TIAGO MEDICAL SPA (PORTUGAL)

Luis M Ferreira Gomes Beira Interior University, Portugal

Stand No: 14 THE SPA SPACE OVER TIME. THE CASE OF THE SÃO PEDRO DO SUL MEDICAL SPA (PORTUGAL)

Luis M Ferreira Gomes Beira Interior University, Portugal

Stand No: 15 APPLICATION OF BIM TOOLS IN PARAMETRIC AND GENERATIVE DESIGN FOR THE CONCEPTION OF COMPLEX STRUCTURES

Luis Quispe Universidad Nacional de Ingeniería, Peru

1 September, 2021 – Wednesday

09.00 -10.30

Stand No: 1 COMPUTER INEQUALITY OF GENERATIONS OF URBAN AND RURAL RESIDENTS AS AN ASPECT OF THE STRATIFICATION OF SOCIETY

Lyudmila G Lebedeva Samara State University of Economics, Russia

Stand No: 2 STRUCTURAL BRACING OF WOODEN ROOFS UNDER THE EXTREME WINDS

Maciej Dutkiewicz University of Science and Technology in Bydgoszcz, Poland

Stand No: 3 VIBRATIONS OF SLENDER STRUCTURES CAUSED BY VORTICES

Maciej Dutkiewicz University of Science and Technology in Bydgoszcz, Poland

Stand No: 4 UNMANNED AERIAL VEHICLES- AN EFFECTIVE TOOL IN IDENTIFYING MINING DAMAGE IN AGRICULTURAL AREAS

Magdalena Wróblewska Silesian University of Technology, Poland

Stand No: 5 CLASSIFICATION OF NEW AND HISTORICAL BUILDINGS FOR COMFORT

Małgorzata Fedorczyk-Cisak Cracow University of Technology, Poland

Stand No: 6 MATERIALS AND TECHNOLOGIES TO ACHIEVE BETTER ENERGY EFFICIENCY OF BUILDINGS

Małgorzata Fedorczyk-Cisak Cracow University of Technology, Poland

Stand No: 7 INDICATIVE ASSESSMENT OF CLASSROOM ACOUSTICS IN SCHOOLS BUILT IN REINFORCED CONCRETE TECHNOLOGY ON THE EXAMPLE OF A SCHOOL BUILDING IN ZABRZE

Marcelina Olechowska Silesian University of Technology, Poland

Stand No: 8 DESIGN AND IMPLEMENTATION OF NZEB BUILDINGS IN POLAND

Marcin Furtak Cracow University of Technology, Poland

Stand No: 9 ARCHITECTURAL DESIGN OF MODERN SMALL LECTURE HALL IN RELATION TO AIR CONDITIONING SYSTEM

Mária Budiaková Slovak University of Technology in Bratislava, Slovakia

Stand No: 10 INTERACTION BETWEEN ARCHITECTURAL DESIGN AND THERMAL COMFORT IN HIGH RESIDENTIAL BUILDING

Mária Budiaková Slovak University of Technology in Bratislava, Slovakia

Stand No: 11 TiO₂ COATING ON COTTON FABRICS WITH APPLICATION IN BACTERIAL INACTIVATION AND SELF-CLEANING FOR POTENTIAL USE IN BUILDING FACADES

Maria Isabel Mejía Universidad de Medellín, Colombia

Stand No: 12 CO-OPERATIVE CATEGORISATION IN CIVIL ENGINEERING

Marian Smutný Czech Technical University in Prague, Czech Republic

Stand No: 13 DATA ORGANIZATION ISSUES IN CIVIL ENGINEERING

Marian Smutný Czech Technical University in Prague, Czech Republic

Stand No: 14 IMPACT OF THE CLIMATE CHANGE ON SHORT-TERM RAINFALL INTENSITIES AND DESIGN FLOODS IN A MOUNTAINOUS BASIN IN SLOVAKIA
Marija Mihaela Labat Slovak University of Technology, Slovakia

Stand No: 15 THE IMPACT OF WOOD WASTE ASH ON PHYSICAL MECHANICAL PROPERTIES OF CONCRETE
Marija Vaičienė Vilnius College of Technologies and Design, Lithuania

10.30 -12.00

Stand No: 1 MEASURES TO PREVENT SURFACE LEAKS IN A PERIURBAN AREA USING RESPONSIBLE ENVIRONMENTAL APPROACHES
Marinela Lucut Polyethnic University of Timisoara, Romania

Stand No: 2 MECHANICAL PROPERTIES OF TRANSPARENT EPOXY ADHESIVES FOR GLASS STRUCTURES
Markéta Zikmundová Czech Technical University in Prague, Czech Republic

Stand No: 3 COMPARISON OF THE NEW TYPE MODULAR PANEL FOR GREEN ROOFS AND CLASSICAL CONSTRUCTION OF GREEN ROOFS BY STORMWATER MANAGEMENT
Martin Hejl Brno University of Technology, Czech Republic

Stand No: 4 CONSTRUCTION WASTE PRODUCTION IN MACROECONOMIC CONTEXT
Martin Marek Brno University of Technology, Czech Republic

Stand No: 5 MECHANICAL AND THERMAL ACTIVATION OF MORDENITE-RICH TUFF FOR ENHANCING ITS EFFECT ON CEMENTITIOUS MIXTURES. PART 1: CHARACTERISATION OF TREATED MATERIALS AND CEMENT PASTES
Meriem Meziani Université de Bejaia, Algérie

Stand No: 6 SIMPLE LAMINATED GLASS PANELS WITH EMBEDDED POINT CONNECTION UNDER A SHORT-TERM SURFACE LOAD
Michaela Zdražilová CTU in Prague, Czech Republic

Stand No: 7 THE ANALYSIS OF MORPHOMETRIC PARAMETERS IN HYDROLOGICAL MODELING USING GIS TECHNOLOGY
Mihai - Valentin Herbei Polyethnic University of Timisoara, Romania

Stand No: 8 THE MORPHOMETRIC ANALYSIS OF RIVER BEHELA UTILIZING GEOGRAPHICAL INFORMATIONAL SYSTEM
Mihai Herbei Polytechnic University of Timisoara, Romania

Stand No: 9 NON-DESTRUCTIVE TESTS PERFORMED ON WOODEN ELEMENTS
Monika Zielinska Gdansk University of Technology, Poland

Stand No: 10 CERTIFICATION OF GREEN BUILDING AND ENVIRONMENTAL SAFETY FACILITIES BASED ON A RISK-BASED APPROACH
Natalia Shushunova Moscow State University of Civil Engineering, Russia

Stand No: 11 ENSURING THE SAFETY OF INDUSTRIAL PREMISES BY REDUCING THE NOISE IMPACT THROUGH THE USE OF GREEN WALLS

Natalia Shushunova Moscow State University of Civil Engineering, Russia

Stand No: 12 ENHANCING ECOLOGICAL, FUNCTIONAL, SOCIAL AND AESTHETIC QUALITY OF STREET GREEN SPACE BY PLANNING GREEN POCKETS

Natalija Nitavska Latvia University of Life Sciences and Technologies, Latvia

Stand No: 13 IVTH RAILWAY CORRIDOR ALONG THE ROMANIAN DEVELOPING REGIONS

Nica Ioan Flaviu Technical University of Civil Engineering Bucharest, Romania

Stand No: 14 WIND-INDUCED VIBRATION OF AN IRREGULAR PENTAGON LAMELLA

Norbert Jendzelovsky STU in Bratislava, Slovak Republic

Stand No: 15 ANALYSIS OF VENTILATION EFFICIENCY IN THE EARTH COVERED MAGAZINE FOR AMMUNITION STORAGE USING NUMERICAL SIMULATION

Nurin Zecevic University of Sarajevo, Bosnia and Herzegovina

13.00 -15.00

Stand No: 1 ARCHITECTONICS OF DOMED TEMPLES OF MODERN UKRAINE

Oksana Diachok Ternopil National Pedagogical university, Ukraine

Stand No: 2 DESIGN AND NEW FUNCTIONS OF RURAL CULTURAL INSTITUTIONS

Oksana Diachok Ternopil National Pedagogical university, Ukraine

Stand No: 3 SOCIAL SPACES OF SHOPPING MALLS: TYPOLOGY

Olena Berezko Lviv Polytechnic National University, Ukraine

Stand No: 4 SYSTEMS ANALYSIS OF SOCIAL SPACES OF SHOPPING MALLS FROM CUSTOMERS' POINT OF VIEW

Olena Berezko Lviv Polytechnic National University, Ukraine

Stand No: 5 URBAN PERIMETERS ISSUES IN LOW-DENSITY AREAS: INTERIOR OF PORTUGAL

Olga Gonçaves University of Beira Interior, Portugal

Stand No: 6 ADVANCED ARCHITECTURE BUILDING TECHNOLOGIES

Osameh Ali Naser Kassawneh Philadelphia University, Jordan

Stand No: 7 AIR CONTENT IN FRESH AIR-ENTRAINING CEMENT MORTARS

Patrycja Miera Silesian University of Technology, Poland

Stand No: 8 SYSTEMS FOR INTELLIGENT PARKING OF TRUCKS AT MOTORWAY REST AREAS AS PART OF INTERNET OF THINGS AS A PART OF CONSTRUCTION 4.0

Pavel Krupík Czech Technical University in Prague, Czech Republic

Stand No: 9 ASPHALT CONCRETE FOR BINDER COURSE WITH DIFFERENT JUTE FIBRE CONTENT

Peter Gallo FCE CTU in Prague, Czechia

Stand No: 10 INDUSTRIAL SPACE IN BYDGOSZCZ
Piotr Brzezinski UTP University of Science and Technology, Poland

Stand No: 11 CRIVINA DAM EMERGENCY INTERVENTION WORKS
Popescu Catalin Technical University of Civil Engineering Bucharest, Romania

Stand No: 12 A COMPUTER SIMULATION OF NOISE OF CONSTRUCTION MACHINERY OPERATING IN PARALLEL
Radka Kantová Brno, University of Technology, Czech Republic

Stand No: 13 COMPARISON OF MASONRY HOMOGENIZATION METHODS - MACROMODELLING AND MICROMODELING OF WALLS BEHAVIOUR MADE OF AUTOCLAVED AERATED CONCRETE MASONRY UNITS
Radoslaw Jasinski Silesian University of Technology, Poland

Stand No: 14 PROPOSED METHOD OF DISTRIBUTION OF HORIZONTAL LOADS ON STIFFENING MASONRY WALLS
Radoslaw Jasinski Silesian University of Technology, Poland

Stand No: 15 VERIFYING THE SHEAR LOAD CAPACITY OF MASONRY WALLS BY THE VRd-NEd INTERACTION DIAGRAM
Radoslaw Jasinski Silesian University of Technology, Poland

15.00 -17.00

Stand No: 1 IMPACT OF THE APPLICATION OF GRINDING AND GROOVING OF A CONCRETE ROAD PAVEMENT ON NOISE LEVEL IN THE ENVIRONMENT
Rafal Zuchowski Silesian University of Technology, Poland

Stand No: 2 ENTRANCE PORTALS AND GATES IN DOWNTOWN LODZ. CLOSURES OR OPENINGS?
Renata Przewlocka-Sionek Lodz University of Technology, Poland

Stand No: 3 FISH LADDERS HYDRAULIC CALCULATION, STUDY CASESEBESEL RIVER, ROMANIA
Robert Beilicci Polytechnic University Timisoara, Romania

Stand No: 4 ADVANCE SEDIMENT TRANSPORT MODELLING, STUDY CASE BARZAVA RIVER, ROMANIA
Robert Beilicci Polytechnic University Timisoara, Romania

Stand No: 5 GRIPPING OF ANCHOR FIBER OF UKRAINIAN PRODUCTION WITH FINE-GRAIN CONCRETE
Roman Kinasz AGH University of Science and Technology, Poland

Stand No: 6 METHODS OF CALCULATION THE INCREASED REINFORCED CONCRETE ELEMENTS BY CARRYING CAPACITY OF SLOPE SECTIONS
Roman Kinasz AGH University of Science and Technology, Poland

Stand No: 7 VIRTUAL WORLD - VIRTUAL ARCHITECTURE?
Rudolf Látecka Slovak Technical University, Slovakia

Stand No: 8 A STUDY ON THE CHANGE OF WORK AND TRAVEL PATTERN OF THE MEMBERS OF BANGLADESH INSTITUTE OF PLANNERS DUE TO COVID-19
Shahadat Hossain Bangladesh University of Engineering and Technology, Bangladesh

Stand No: 9 CIM AND CIM PLATFORM PRACTICAL USE IN CHINA REVIEW
Skirmante Mozuriunaite Vilnius Tech, Lithuania

Stand No: 10 FIELD PERFORMANCE AND RAPID REPAIR METHOD OF AN AIRFIELD PAVEMENT UNDER THE BLAST LOAD OF CLUSTER BOMB UNIT
Sungkon Kim Seoul National University of Science and Technology, Korea

Stand No: 11 NUMERICAL AND EXPERIMENTAL PROTECTIVE PERFORMANCE EVALUATION OF SACRIFICIAL MEMBER EFFECTS ON THE PROTECTIVE STRUCTURES
Sungkon Kim Seoul National University of Science and Technology, Korea

Stand No: 12 SAFETY PERFORMANCE ENHANCEMENT SCHEME FOR MUNITION STORAGES BY APPLYING THE CONCEPT OF SHALLOW UNDERGROUND CONFIGURATIONS
Sungkon Kim Seoul National University of Science and Technology, Korea

Stand No: 13 SOCIO-ECONOMIC IMPACTS OF LARGE CONSTRUCTION PROJECTS WITHIN URBAN DEVELOPMENT
Svatopluk Pelcak Brno University of Technology, Czech Republic

Stand No: 14 FRP MATERIALS – RECOGNITION OF NEEDS FOR ARCHITECTS AND BUILDERS IN THE USE OF COMPOSITES FOR THE BUILDING SECTOR
Szymon Dawczyński Silesian University of Technology, Poland

Stand No: 15 EXPERIMENTAL INVESTIGATION ON THE FLEXURAL BEHAVIOUR OF THE GEOPOLYMER MORTAR BASED ON THE POWER PLANT FLY ASH
Szymon Dawczyński Silesian University of Technology, Poland

09.00 -10.30

Stand No: 1 APPLICATION OF WASTE ROCK DUST IN CEMENT BINDING MIXTURES USED IN ROADWAY
Szymon Topolinski University of Science and Technology in Bydgoszcz, Poland

Stand No: 2 TEST METHODOLOGY FOR DETERMINING THE FIRE RESISTANCE LIMIT OF FACADE
TRANSLUCENT STRUCTURES FOR HIGH-RISE BUILDINGS
Tatiana Eremina National Research Moscow State Construction University, Russia

Stand No: 3 THE REDUCTION THE FIRE HAZARD OF CABLE LINES THROUGH THE USE OF FIRE
RETARDANT COATINGS
Tatiana Eremina National Research Moscow State Construction University, Russia

Stand No: 4 ANALYSIS OF INFORMATION TECHNOLOGY USED IN CONSTRUCTION ENTERPRISES
Tomáš Mandičák Technical University of Košice, Slovakia

Stand No: 5 THE REVITALISATION OF OLD FACTORIES AREA ON THE CHOSEN EXAMPLE FROM LODZ
Tomasz Grzelakowski Lodz University of Technology, Poland

Stand No: 6 LOOKING FOR THE FUSION OF CULTURAL ENVIRONMENT AND MODERNITY IN A
CITYSCAPE: WESTERN GATE IN JELGAVA
Una Ile Latvia University of Life Sciences and Technologies, Latvia

Stand No: 7 MATHEMATICAL MODELING OF PROCESSES IN APPARATUS WITH FLOWING THREE-
DIMENSIONAL ELECTRODES FOR CALCULATION OF GALVANIC WASTE WATER PURIFICATION MODES
Valentina Kuzina Penza State University of Architecture and Construction, Russia

Stand No: 8 THE USE OF MATHEMATICAL MODELING METHODS IN THE CREATION OF COMPOSITE
MATERIALS BASED ON CARBON FIBER MATERIALS
Valentina Kuzina Penza State University of Architecture and Construction, Russia

Stand No: 9 DETERMINING THE EFFECTS OF ECONOMIC FACTORS ON FLOOR DESIGNS IN THE
ANCIENT PORT CITY OF TOMIS
Varga Luiza The Faculty of Architecture and Urbanism, Timis, Romania

Stand No: 10 SOCIO-CULTURAL IDENTITY AND ITS CONTEMPORARY FORMS IN MATERIAL CULTURE AS
IMPORTANT PART OF SUSTAINABILITY IN SELECTED REGIONS OF SLOVAKIA
Veronika Kotradyová Slovak University of Technology in Bratislava, Slovakia

Stand No: 11 IMPACT OF EXTERIOR DESIGN ON INTERIOR SUSTAINABILITY
Vrushali Mhatre Al Ghurair University, UAE

Stand No: 12 COMPARISON OF INFLUENCE OF SUPERFICIAL STRENGTHENING WITH FRCM SYSTEM AND KIND OF MORTAR ON SHEAR STRENGTH OF AUTOCLAVED AERATED CONCRETE MASONRY
Wojciech Mazur Silesian University of Technology, Poland

Stand No: 13 RESEARCH OF INFLUENCE OF HORIZONTAL REINFORCEMENT ON COMPRESSION AND SHEAR STRENGTH OF AUTOCLAVED AERATED CONCRETE MASONRY
Wojciech Mazur Silesian University of Technology, Poland

Stand No: 14 DETERMINATION OF COST-EFFECTIVE SAND MIXING RATIO FOR IMPROVEMENT OF HIGH LIQUID LIMIT SOIL BASED ON FUZZY COMPREHENSIVE EVALUATION
Xin Liu Hohai University, China

Stand No: 15 SEISMIC PERFORMANCE OF A NEW TYPE STEEL-CONCRETE COMPOSITE SHEAR WALL
Yanan Huang Tongji University, Peoples R China

10.30 -12.00

Stand No: 1 A METHOD OF MONITORING THE CROSS-SECTION DEFORMATION OF TUNNELS USING THE STRAIN DATA FROM THE FULLY DISTRIBUTED OPTICAL FIBER SENSORS
Yang Liu Harbin Institute of Technology, China

Stand No: 2 ADVANCES IN VIBRATION-BASED SCOUR MONITORING FOR BRIDGE FOUNDATIONS
Yang Liu Harbin Institute of Technology, China

Stand No: 3 RESEARCH ON THE PRESENT SITUATION AND DEVELOPMENT TREND OF SUBWAY TUNNEL INSPECTION VEHICLE
Yang Liu Harbin Institute of Technology, China

Stand No: 4 CONSTRUCTION TECHNOLOGY AND MANAGEMENT OF UNILATERAL SUPPORT FORMWORK FOR 16m-HIGH CONCRETE OUTER WALL OF COMPLEX DEEP FOUNDATION PIT
Yuchao Zhao Shanghai Construction No.4(Group) Co. Ltd, China

Stand No: 5 PARAMETRIC STUDY OF CONCRETE MEMBERS WITH GFRP REINFORCEMENT SUBJECTED TO BENDING AND AXIAL FORCE
Žaneta Šenšelová Slovak University of Technology in Bratislava, Slovak Republic

Stand No: 6 NEW GENERATION OF CLAY PLASTERS STABILIZED BY POLYMERS
Zbynek Zušák Czech Technical University in Prague, Czech Republic

Stand No: 7 HYDROLOGIC PERFORMANCE OF EXPERIMENTAL GREEN ROOFS STANDS AS THE EFFECT OF CLIMATE CONDITION
Zuzana Minová Technical University of Košice, Slovakia

Stand No: 8 STONE WORKS VALUATION WITHIN IMMOVABLE CULTURAL HERITAGE MONUMENTS RESTORATION
Zuzana Mrnová Faculty of Civil Engineering, Institute of Structural Economics and Management, Czech Republic

Stand No: 9 BUILDING'S HEAT POTENTIAL ON RESOURCES IN RESPECT OF A CO2 AND PRIMARY ENERGY EMISSIONS REDUCTION (CASE STUDY)
Zuzana Vranayova Technical University of Košice, Slovakia

13.00 -15.00

Stand No: 1 MINIMIZATION OF A POINT THERMAL BRIDGE BY A ROOF RESTRAINT SYSTEM HOLDER
Roman Šubrt Czech Technical University in Prague, Czech Republic

Stand No: 2 INDOOR AIR POLLUTION IN HOUSING UNITS
Ingrid Juhasova Senitkova Institute of Technology and Business in České Budějovice, Czech Republic

Stand No: 3 DEA MODELLING EFFECTIVENESS OF BUILDING ENVELOPES
Jaroslav Žák Institute of Technology and Business in České Budějovice, Czech Republic

Stand No: 4 SEARCH FOR REQUIREMENTS FOR THE WIDTH OF PEDESTRIAN ROADS IN THE CONTEXT OF THE CLASSIFICATION OF PUBLIC SPACE
Zuzana Kramarova Institute of Technology and Business in České Budějovice, Czech Republic

Stand No: 5 DETERMINATION OF THE MAIN WIRING POSITION BY GROUND PENETRATING RADAR DURING THE RECONSTRUCTION OF A TERRACED HOUSE
Pavel Kovács Institute of Technology and Business in České Budějovice, Czech Republic

Stand No: 6 SURVEY OF EXPOSURE TO ELECTROMAGNETIC FIELD IN A STANDARD HOUSING UNIT
Petra Machova Institute of Technology and Business in České Budějovice, Czech Republic

Stand No: 7 CASE STUDY OF VOC EMISSIONS IN CZECH OFFICE BUILDINGS
Ingrid Juhasova Senitkova Institute of Technology and Business in České Budějovice, Czech Republic

Stand No: 8 PRELIMINARY STUDY: SLEEP AND INDOOR ENVIRONMENT QUALITY
Michal Kraus Institute of Technology and Business in České Budějovice, Czech Republic

Stand No: 9 SPECIFICS OF NEGOTIATING CONSTRUCTION CONTRACTS IN THE ONLINE MODE
Jan Lojda Institute of Technology and Business in České Budějovice, Czech Republic

Stand No: 10 IMPACT OF THE COVID-19 PANDEMIC ON THE REAL ESTATE MARKET IN THE CZECH REPUBLIC
Tomáš Krulický Institute of Technology and Business in České Budějovice, Czech Republic

Stand No: 11 INFLUENCE OF SHEAR ON PLASTIC BENDING STRENGTH OF I CROSS-SECTIONS STEEL BEAMS
Pavol Juhás Institute of Technology and Business in České Budějovice, Czech Republic

Stand No: 12 WALKING AS THE MOST SUSTAINABLE URBAN TRANSPORT MODE
Karel Schmeidler Institute of Technology and Business in České Budějovice, Czech Republic

Stand No: 13 SKEWING OF CRANE DURING ACCELERATION
Josef Musílek Institute of Technology and Business in České Budějovice, Czech Republic

Stand No: 14 ANALYSIS OF CONSTRUCTION MARKET IN THE CR IN THE YEARS 2000-2020
Junga Petr Institute of Technology and Business in České Budějovice, Czech Republic

Stand No: 15 PERCEPTION OF SPACE AND MENTAL MAPS: THE CASE STUDY OF CITY CHOTEBOR
(CZECHIA)
Ales Kankovsky Institute of Technology and Business in České Budějovice, Czech Republic

Stand No: 16 WOOD FLOORING IN COMBINATION WITH UNDERFLOOR HEATING SYSTEMS
Ales Kankovsky Institute of Technology and Business in České Budějovice, Czech Republic

Stand No: 17 EVALUATION OF WATER RETENTION CURVES BY REGRESSION AND MACHINE LEARNING
METHODS
Milan Cisty Slovak University of Technology in Bratislava, Slovakia



SOCIAL PROGRAM

30 August, 2021 – Monday

Opening Concert (in Hall Prague) - 10.30

Ice Breaking Party (in Garden of Duo Hotel) - 19:00

3 September, 2021 – Friday

Gala Dinner (in Garden of Duo Hotel) - 19:00

(Barbeque Party and Surprise Shows)

NOTES

Cocktail and gala dinner will be organized in open air.

As

it was announced on the official web page, this year for the safety of our participants, Cultural & Field Trip will unfortunately not be able to be organized because of the travel restrictions by bus due to the Covid-19 pandemic.