



WMCCAU 2025

**10th WORLD MULTIDISCIPLINARY
CONGRESS ON CIVIL ENGINEERING,
ARCHITECTURE AND URBAN PLANNING**

PROGRAM BOOK

Czech Republic, Ostrava | September 1-5, 2025

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**World Multidisciplinary Congress on Civil Engineering,
Architecture and Urban Planning**

(01 – 05 September 2025 – Ostrava, Czech Republic)

REGISTRATION

(From Monday 01 September, 2025 to Thursday 04 September, 2025)

01 September, 2025	Registration will start on Monday from 08:00 to 17:00 in Auditorium VSB-TUO
02 September, 2025	Registration continue from 9:00 to 17:30 in Auditorium VSB-TUO
03 September, 2025	Registration continue from 9:00 to 17:00
04 September, 2025	in Geological Pavilion VSB-TUO

Monday – 01 September, 2025

OPENING CEREMONY

(Auditorium VSB-TUO, hall UA2)

11:00 - 11:15 Opening Speeches

11:15 - 11:45 Opening Concert

11:45 - 12:30 Key Speaker

***VISUAL ABSTRACTION AS KEY COMPETENCE FOR CRITICAL
THINKING***

Dominik Lengyel

BTU Brandenburg University of Technology Cottbus-Senftenberg,
Germany

12:30 - 14:00 Lunch Break



Monday – 01 September, 2025

ORAL PROGRAM

AUDITORIUM VSB-TUO - HALL UA2	
SESSION: GIS -Based Modelling for Mitigation Planning I, Sustainability in the Built Environment I	
Chairman: Dariusz Popielarczyk - University of Warmia and Mazury, Poland	
14:00 - 14:15	XR-ENABLED VISUALISATION OF AI-DETECTED JETTIES, QUAYS, AND SHORELINE VEGETATION IN INLAND RESERVOIRS Tomasz Templin - University of Warmia and Mazury in Olsztyn, Poland
14:15 - 14:30	THE PROBLEM OF LEAKS IN WATER SUPPLY SYSTEMS - METHODS FOR THEIR DETECTION AND ELIMINATION Urszula Filipkowska - University of Warmia and Mazury in Olsztyn, Poland
14:30 - 14:45	HOW TO PRECISELY MONITOR THE SHAPE OF THE BOTTOM OF HYDROPOWER PLANT RESERVOIRS USING HYDROACOUSTIC AND SATELLITE TECHNIQUES? Dariusz Popielarczyk - University of Warmia and Mazury, Poland
14:45 - 15:00	THE IMPACT OF PHOTOVOLTAIC CELL TEMPERATURE ON THE EFFICIENCY OF ELECTRICITY GENERATION Maciej Gliniak - University of Agriculture in Krakow, Poland
15:00 - 15:15	SAVING ENERGY THROUGH TRANSPARENT SHUTTERS – PRESENTATION AND DISCUSSION OF A DO-IT-YOURSELF IDEA Iris M. Reuther - Jade Hochschule, Germany
15:15 - 15:30	SUSTAINABLE DESIGN FOR MENTAL HEALTH: A FRAMEWORK OF SPATIAL INDICATORS FOR UNIVERSITY CAMPUSES Nathania Nadia - OWL University of Applied Sciences and Arts, Germany
COFFEE BREAK	

SPECIAL SESSION: Station-City Integration	
Chairman: Yuan Lu - Beijing Jiaotong University, China	
16:00 - 16:15	IMPACT OF LAND USE ALONG THE LINE ON PASSENGER FLOW OF REGIONAL RAILWAYS Yuan Lu - Beijing Jiaotong University, China
16:15 - 16:30	RESEARCH ON PEDESTRIAN ACCESSIBILITY IN LARGE-SCALE RAILWAY PASSENGER HUB AREAS Jinyan Shao - Beijing Urban Construction Design & Development Group Co., Ltd., China
16:30 - 16:45	OPTIMIZING URBAN RAIL TRANSIT POLICIES VIA PASSENGER FLOW IMPACT MODELING Yifeng Yao - Beijing Jiaotong University, China
END OF ORAL SESSIONS	

WELCOME PARTY

19:00	Welcome Party in Auditorium VSB-TUO or outside before Auditorium VSB-TUO (due to weather conditions)
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Tuesday – 02 September, 2025

ORAL PROGRAM

AUDITORIUM VSB-TUO - HALL UA2	
SESSION: Structural Engineering I, GIS -Based Modelling for Mitigation Planning II, Ecoconcretes I Chairman: Ondřej Váňa - Czech Technical University in Prague Faculty of Civil Engineering, Czech Republic; Paweł Boroń - Cracow University of Technology, Poland	
09:30 - 09:45	DYNAMIC IMPACT SCALES (SWD-I AND SWD-II): A SIMPLIFIED METHOD FOR ASSESSING BUILDING VIBRATIONS Alicja Kowalska-Koczwara - Cracow University of Technology, Poland
09:45 - 10:00	MONITORING THE STRUCTURAL STABILITY OF THE CHURCH OF ST. MICHAEL THE ARCHANGEL IN VEĽKÉ ROVNÉ USING TERRESTRIAL LASER SCANNING Milan Mikoláš - University of Žilina, Slovakia
10:00 - 10:15	EVALUATION OF VOLUMES AND TONNAGE OF BLAST FURNACE SLAG STOCKPILES IN PC LADCE, A.S. USING GIS APPLICATIONS Milan Mikoláš - University of Žilina, Slovakia
10:15 - 10:30	COMPARISON OF GNSS, LASER SCANNING, AND TOTAL STATION MEASUREMENT ACCURACY WITH CRITERIA OF DIGITAL TECHNICAL MAP IN CZECHIA Ondřej Váňa - Czech Technical University in Prague Faculty of Civil Engineering, Czech Republic
10:30 - 10:45	SUSTAINABLE CONCRETE MIXTURE WITH RECYCLED AGGREGATE Milan Mikoláš - University of Žilina, Slovakia
10:45 - 11:00	WATER DELIVERY SAFETY AND INFRASTRUCTURE RELIABILITY: INTEGRATING FAILURE DATA AND GIS IN THE PLANNING OF WATER SUPPLY SYSTEM MAINTENANCE Izabela Piegdoń - Rzeszow University of Technology, Poland

11:00 - 11:15	A NOVEL MACHINE LEARNING-BASED MODEL FOR ASSESSING RIVER BASIN CHARACTERISTICS USING GEOMORPHOMETRIC PARAMETERS BalaKrishna Srinivas Maddodi - Manipal Academy of Higher Education, India
COFFEE BREAK	
SESSION: Structural Engineering II	
Chairman: Daniel Jindra - Brno University of Technology, Czech Republic	
11:30 - 11:45	THE APPROXIMATE ASSESSMENT OF THE IMPACT OF MINING VIBRATIONS ON BUILDINGS Alicja Kowalska-Koczwara - Cracow University of Technology, Poland
11:45 - 12:00	ANALYSIS OF THIN-WALLED TRI-LAYERED ELASTIC-PLASTIC TUBES IN LOADING AND UNLOADING PHASES Victor Rizov - University of Architecture, Civil Engineering and Geodesy, Bulgaria
12:00 - 12:15	SINGLE-STORY STEEL FRAME STRUCTURE IN 3D – SENSITIVITY STUDY UTILIZING FEM SIMULATIONS Daniel Jindra - Brno University of Technology, Czech Republic
12:15 - 12:30	STUDYING OF A FUNCTIONALLY GRADED PRESSURE VESSEL HAVING NON-LINEAR VISCOELASTIC BEHAVIOR Victor Rizov - University of Architecture, Civil Engineering and Geodesy, Bulgaria
12:30 - 12:45	ANALYSIS OF PARABOLOID-BASED STEEL BAR STRUCTURES FOR ROOFS Jolanta Dzwierzynska - Rzeszow University of Technology, Poland
LUNCH BREAK	
SESSION: Structural Engineering III	
Chairman: Janusz Kogut - Cracow University of Technology, Poland	
14:15 - 14:30	ASSESSING CONCRETE STRENGTH: INSIGHTS FROM SCHMIDT REBOUND HAMMER AND ULTRASONIC PULSE VELOCITY TECHNIQUES Narmane Fodil - University of Sciences and Technology Houari Boumediene, Algeria
14:30 - 14:45	INTERACTION OF THE TUNNEL CASING AND THE NEWLY BUILT WING OF THE RAILWAY STATION FACILITY Janusz Kogut - Cracow University of Technology, Poland

14:45 - 15:00	FUNCTIONALLY GRADED SHAFTS UNDER TORSION: AN ANALYTICAL APPROACH FOR INVESTIGATION OF DAMPING Victor Rizov - University of Architecture, Civil Engineering and Geodesy, Bulgaria
15:00 - 15:15	PRELIMINARY ASSESSMENT OF THE EFFECTS OF CONTROLLABLE FACTORS ON ROCK FRAGMENTATION, A CASE STUDY Mohamed Fredj - University of Bejaia, Algeria
15:15 - 15:30	EVALUATING STRENGTH AND SUSTAINABILITY: STEEL VS. ALUMINIUM CANTILEVERS IN STRUCTURAL DESIGN Ioan Both - Politehnica University of Timisoara, Romania
COFFEE BREAK	
SESSION: Structural Engineering IV	
Chairman: Maciej Gliniak - University of Agriculture in Krakow, Poland	
16:00 - 16:15	COMPOSITE STEEL TRUSSED-CONCRETE BEAMS BEHAVIOR IN DIFFERENT SCHEMES AND GEOMETRY Ahmed Afia - Polytechnic University of Timisoara, United States
16:15 - 16:30	INFLUENCE OF DIAPHRAGM RIGIDITY ON LATERAL STABILITY IN MULTI-STORY MODULAR STEEL BUILDINGS Hani A M Alkhatib - Politehnica University of Timișoara, Palestine
16:30 - 16:45	PROGRESSIVE COLLAPSE RESISTANCE OF STEEL AND COMPOSITE FRAMES UNDER LOCALISED FIRE SCENARIOS NEAR AN INTERNAL COLUMN Calin Neagu - Politehnica University Timisoara, Romania
16:45 - 17:00	INFLUENCE OF THE COMPOSITE ACTION FOR EBFS WITH LONG DISSIPATIVE LINKS Andreea Onea - Politehnica University Timisoara, Romania
17:00 - 17:15	NUMERICAL SIMULATIONS ON CLOSE RANGE BLASTS AGAINST LIGHT STEEL BASED BUILDING FAÇADE Mihai Șenilă - Technical University of Cluj-Napoca, Romania
END OF ORAL SESSIONS	

GEOLOGICAL PAVILON VSB-TUO - HALL GP106

SESSION: Architectural Design and Methods I, Urban Sociology I

Chairman: Natthakit Phetsuriya - Chiang Mai University, Thailand

09:30 - 09:45	CONTROVERSIAL MODERNIST URBAN CONCEPTS ON THE EXAMPLE OF ALIPAŠINO POLJE SETTLEMENT IN SARAJEVO Adnan Zoranic - International University of Sarajevo, Bosnia and Herzegovina
09:45 - 10:00	KEYPOINTS AND INFLUENCING FACTORS OF BIOPHILIC INTERIOR ARCHITECTURE AND DESIGN IN THE ROMANIAN PRE- SCHOOL EDUCATIONAL SYSTEM Danila Stefania - Politechnic University of Timisoara, Romania
10:00 - 10:15	EXPLORING THE EXPERIENCES OF PEOPLE WITH DISABILITIES IN POST- DISASTER SHELTERING Melike Kalkan - Usak University, Turkey
10:15 - 10:30	THE ARCHITECTURE OF EXISTING HOTEL COMPLEXES AS A BASE OF URBAN DEVELOPMENT IN NEUM Adnan Zoranic - International University of Sarajevo, Bosnia and Herzegovina
10:30 - 10:45	REVERSIBLE MODULAR SYSTEMS: ARCHITECTURAL STRATEGIES FOR CIRCULAR AND ADAPTIVE BUILDING DESIGN Anna Berbesz-Wyrodek - Wrocław University of Science and Technology, Faculty of Architecture, Poland
10:45 - 11:00	PLACE ATTACHMENT ON CITY SQUARE SPACES IN CHIANG MAI OLD CITY IN SOCIAL MEDIA ERA Natthakit Phetsuriya - Chiang Mai University, Thailand

COFFEE BREAK

**SESSION: Architectural Heritage and Conservation of Historical structures I,
Architectural Design and Methods II**

Chairman: Senka Ibrisimbegovic - University of Sarajevo, Faculty of Architecture,
Bosnia and Herzegovina

11:30 - 11:45	SHAPING AND APPLICATION OF NATURE-BASED SOLUTIONS IN ARCHITECTURE AND CONSTRUCTION Ewelina Gotkowska - Rzeszow University of Technology, Poland
11:45 - 12:00	INDUSTRIAL VERNACULAR HERITAGE AND TOURISM – TIDE MILLS IN FARO, PORTUGAL Marta Marçal Gonçalves - University of Algarve, Portugal

12:00 - 12:15	THE ASSESSMENT OF THE BACKCASTING TECHNIQUE'S ROLE IN THAI REGENERATIVE DESIGN PRACTICE AS A BUILT ENVIRONMENT DESIGN TOOL Sasiprapa Srikraiphak - Chiang Mai University, Thailand
12:15 - 12:30	BRIDGING THEORY AND PRACTICE: A COMPARATIVE STUDY OF PEDAGOGICAL MODELS IN ARCHITECTURAL EDUCATION Senka Ibrisimbegovic - University of Sarajevo, Faculty of Architecture, Bosnia and Herzegovina
12:30 - 12:45	THE URBAN SQUARE AS THE ORIGIN OF BULLFIGHTING ARCHITECTURE IN SPAIN AND SPANISH AMERICA: KEY CASE STUDIES Aura Liliana Romero Silva - University of Seville, Spain
LUNCH BREAK	
SESSION: Architectural Design and Methods III, Sustainability in the Built Environment II	
Chairman: Claudia Romero - Ministerio de Obras Públicas, Chile	
14:00 - 14:15	INTEGRATING AUDITORY PERCEPTION INTO ARCHITECTURAL EDUCATION AND DESIGN Ebru Erdoğan - Selcuk University, Turkey
14:15 - 14:30	ENERGY CONSUMPTION INDICATORS IN RESIDENTIAL BUILDINGS IN NORTH-EASTERN POLAND Mariusz Adamski - Bialystok University of Technology, Poland
14:30 - 14:45	NATURAL STRATEGIES FOR SUPPORTING HEATING AND COOLING IN NEARLY ZERO-ENERGY RESIDENTIAL BUILDINGS Bartosz Radomski - Poznań University of Life Science, Poland
14:45 - 15:00	RURAL SANITATION IN CHILE: DIAGNOSIS, INVESTMENT AND CHALLENGES TOWARDS SUSTAINABILITY Claudia Romero - Ministerio de Obras Públicas, Chile
15:00 - 15:15	THE EFFECTS OF SUBGRADE SOIL STABILIZATION ON PAVEMENT STRUCTURAL DESIGN Laith Tashman - University of Jordan, Jordan
15:15 - 15:30	MULTI-CRITERIA DECISION FRAMEWORK FOR TREES-CERTIFIED GREEN BUILDINGS Warangkana Juangjandee - Chiang Mai University, Thailand
COFFEE BREAK	

SESSION: Architectural Space, Urban Design

Chairman: Ana Ileana Abos - Technical University of Cluj-Napoca, The Faculty of Architecture and Urbanism, Romania

16:00 - 16:15	CITY AND RIVER, THE EXAMPLE OF HOLEŠOVICE Lenka Burgerová - Technical University in Liberec, Czech Republic
16:15 - 16:30	MURAL AS THE MEANS OF COMMUNICATION IN THE ARCHITECTURAL SPACE: THE EXAMPLE OF LVIV (UKRAINE) Svitlana Linda - Opole University of Technology, Poland
16:30 - 16:45	THE EVOLUTION OF ARCHITECTURAL SPACE IN THE CASTLES OF THE MUREȘ VALLEY, TRANSYLVANIA, ROMANIA, IN THE 20TH CENTURY: TRANSFORMATIONS AND CONSERVATION CHALLENGES Ana Ileana Abos - Technical University of Cluj-Napoca, Romania
16:45 - 17:00	NEW IDENTITY OF POST-SOCIALIST CITIES: CASE STUDY OF SARAJEVO-MARIJIN DVOR Alma Hudovic Kljuno - International University of Sarajevo, Bosnia and Herzegovina
17:00 - 17:15	TYPES OF THIRD WORKPLACES: A SYSTEMATIC LITERATURE REVIEW Katharina Dienes - Fraunhofer Institute of Industrial Engineering, Germany
17:15 - 17:30	BRAND CITY DESIGNS OF THE FUTURE Ezgi Nizamoglu - Usak University, Turkey

END OF ORAL SESSIONS

POSTER PROGRAM

AUDITORIUM VSB-TUO - 09:30 – 17:30	
Stand No: 1	VERIFICATION OF THE ADAPTABILITY LEVEL OF ADMINISTRATIVE BUILDINGS IN BRATISLAVA Jan Baska - STU FAD Bratislava, Slovakia
Stand No: 2	ADAPTABLE HOUSING – ANALYSIS OF EXPANDABLE APARTMENTS IN REINFORCED CONCRETE SKELETON CONSTRUCTION Jan Baska - STU FAD Bratislava, Slovakia
Stand No: 3	IMPROVING ARCHITECTURAL WORKFLOW: A GRASSHOPPER-BASED APPROACH TO CONVERT RHINO MODELS INTO NATIVE REVIT ELEMENTS Paulin Faskel Tchoundie Tchuigwa - Czech Technical University in Prague, Czech Republic
Stand No: 4	PARAMETRIC STUDY METHOD OF ILLUMINANCE AND AIRFLOW IN BUILDING ARCHITECTURAL DESIGN PHASE Romario Baudouin Njiomou Tchuigwa - Czech Technical University in Prague, Czech Republic
Stand No: 5	DYNAMIC BIM-BASED SIMULATION FOR OPTIMIZING VENTILATED FACADES: ENHANCING ARCHITECTURAL DESIGN FOR ENERGY EFFICIENCY Ondřej Vápeník - Czech Technical University in Prague, Czech Republic
Stand No: 6	THE IMPORTANCE OF CLIMATE CHANGE FOR SETTLEMENT FORMATION AND BIOCLIMATIC DESIGN Monika Šmiralová - Slovak University of Technology in Bratislava, Slovakia
Stand No: 7	IMPORTANCE OF INTANGIBLE VALUES IN THE POST-WAR REHABILITATION OF ARCHITECTURAL HERITAGE Ida Hodzic Adrovic - University of Montenegro, Montenegro
Stand No: 8	MINIMAL INTERVENTION IN ADAPTIVE REUSE: THE SEARCH FOR THE MINIMUM THROUGH CURRENT EUROPEAN CASE STUDIES (2015-2025) Karolína Bujdáková - Slovak University of Technology in Bratislava, Slovakia

Stand No: 9	ASPECTS OF THE INTERNAL ENVIRONMENT OF BUILDINGS IN THE FIELD OF AGRICULTURAL PRE-PRODUCTION Terézia Pošiváková - University of Veterinary Medicine and Pharmacy of Košice, Slovakia
Stand No: 10	ANALYSIS OF CHANGES IN HEAT CONSUMPTION IN THE DEVELOPING HOUSING ESTATE Vasyl Zhelykh - Częstochowa University of Technology, Poland
Stand No: 11	SMART BUILDING IN RELATION TO FACILITY MANAGEMENT – OVERCOMING BARRIERS TO DIGITALIZATION Jozef Švajlenka - Technical university of Košice, Slovakia
Stand No: 12	APPLICATIONS OF INNOVATIVE ELEMENTS OF INDUSTRIALIZATION IN THE FIELD OF CONSTRUCTION INDUSTRY AND WOOD-BASED BUILDINGS Jozef Švajlenka - Technical university of Košice, Slovakia
Stand No: 13	USING BIM AND MATHEMATICAL OPTIMISATION FOR LOCATING AND SIZING WINDOWS TO ENHANCE NATURAL VENTILATION IN HOT CLIMATES Mana Alyami - Najran University, Saudi Arabia
Stand No: 14	NUMERICAL MODELING APPROACH FOR PROGRESSIVE COLLAPSE ANALYSIS OF INFILLED RC FRAMES Teodora Besoiu - Technical University of Cluj-Napoca, Romania
Stand No: 15	INTEGRATION OF GREEN ROOFS AND FACADES AS A CLIMATE CHANGE ADAPTATION STRATEGY: ENVIRONMENTAL, ENERGY, AND MICROCLIMATIC ASPECTS Michal Kraus - Institute of Technology and Business in Ceske Budejovice, Czech Republic
Stand No: 16	THE URBAN TRANSITIONS THROUGH DANCE AND MOVEMENT: INNOVATIVE CONCEPTS OF URBAN INTERVENTIONS IN TERMS OF PHYSICAL ACTIVITY Anna Szewczenko - Silesian University of Technology, Faculty of Architecture, Poland
Stand No: 17	COMPARATIVE EVALUATION OF CFRP MODELING APPROACHES FOR THE SIMULATION OF STRENGTHENED HCS Ilinca-Florina Moldovan - Technical University of Cluj-Napoca, Romania

Stand No: 18	EVALUATION OF WIND AND SEISMIC LOAD MODELLING IN HIGH-RISE CONCRETE STRUCTURES: A LITERATURE REVIEW Irhad Mrkonja - International Burch University, Bosnia and Herzegovina
Stand No: 19	AN OVERVIEW OF TECHNOLOGIES AND TOOLS USING EYE TRACKING IN THE RESEARCH OF ARCHITECTURE AND URBAN SPACES Michał Sitek - Silesian University of Technology, Poland
Stand No: 20	INTEGRATION OF SPACE LAYOUT AND COMMUNICATION TECHNOLOGY IN HEALTHCARE DESIGN WITH ETHIOPIAN CONTEXT Siraje Muhammed - University of Gondar, Ethiopia
Stand No: 21	THE IMPACT OF GLASS FACADE ON USERS' COMFORT: THE CASE OF RADIATION VULNERABLE OFFICES IN ADDIS ABABA, ETHIOPIA Dawit Teshome - Skyline architects plc, Ethiopia
Stand No: 22	STUDY ON THE BEHAVIOR OF STEEL BEAM TO STEEL COLUMN CONNECTIONS WITH EXTENDED END PLATE Stefan-Marius Buru - Technical University of Cluj-Napoca, Romania
Stand No: 23	INFLUENCE OF THE STRUCTURAL CONDITION ON THE DYNAMIC CHARACTERISTICS OF A BUILDING Aleksandra Stolarska - Cracow University of Technology, Poland
Stand No: 24	CONSTRUCTION AND URBAN PLANNING CONCEPT OF THE SPA TOWN OF PODĚBRADY IN RELATION TO HYDROGEOLOGICAL AND GEOLOGICAL CONDITIONS: APPLICATIONS IN SPA INDUSTRY AND GEOTOURISM Jan Kubáč - VSB – Technical University of Ostrava, Czech Republic

Wednesday – 03 September, 2025

ORAL PROGRAM

GEOLOGICAL PAVILON VSB-TUO - HALL GP105	
SESSION: Construction Materials I	
Chairman: Mateusz Iwański - Kielce University of Technology, Poland	
09:30 - 09:45	THE EFFECT OF SYNTHETIC WAX AND TECHNOLOGICAL AGING ON THE RHEOLOGICAL PROPERTIES OF POLYMER MODIFIED ASPHALT BINDERS Marek Iwański - Kielce University of Technology, Poland
09:45 - 10:00	THE PROPERTIES OF ASPHALT BINDER MODIFIED WITH WMA ADDITIVES Mateusz Iwański - Kielce University of Technology, Poland
10:00 - 10:15	FROM LOCAL TRADITIONS TO GREEN INNOVATIONS: CONSTRUCTION MATERIALS AND SUSTAINABILITY TRENDS IN THE VISEGRÁD FOUR Bogdan Bogusław Jędrzejczak - Czech Technical University in Prague, Czech Republic
10:15 - 10:30	PERFORMANCE EVALUATION OF RECYCLED SAND IN PAVING BLOCKS: STRENGTH, DURABILITY, COST, AND CARBON FOOTPRINT ANALYSIS Mohammad Irshidat - Qatar University, Qatar
10:30 - 10:45	ANTIBACTERIAL PROPERTIES OF CEMENT PASTES WITH ADDITION OF LITHIUM HYDROXIDE, CUPRIC OXIDE, AND TITANIUM DIOXIDE Leonardo Brescia - Universidad de Santiago de Chile, Chile
COFFEE BREAK	

SESSION: Construction Materials II	
Chairman: Beata Matuszek - University of Agriculture in Krakow, Poland	
11:15 - 11:30	MODELING OF COMPRESSIVE STRENGTH IN NANO-MODIFIED CONCRETE INCORPORATING RECYCLED WASTE AND POLYPROPYLENE FIBERS USING TAGUCHI DESIGN AND ARTIFICIAL NEURAL NETWORKS Daniel Lepadatu - Technical University Gheorghe Asachi from Iasi, Romania
11:30 - 11:45	POLYSACCHARIDE-BASED BIODEGRADABLE COATINGS ENRICHED WITH PLANT EXTRACTS Beata Matuszek - University of Agriculture in Krakow, Poland
11:45 - 12:00	ENHANCING THE ADOPTION OF HOUSEHOLD RAINWATER HARVESTING IN JORDAN FOR CLIMATE CHANGE ADAPTATION Ziad Al-Ghazawi - Jordan University of Science and Technology, Jordan
12:00 - 12:15	ANALYSIS OF THE POZZOLANIC ACTIVITY POTENCIAL OF HAZELNUT HUSK ASH Christian Edward Seal Mery - Universidad de Santiago de Chile, Chile; David Cordoba Contreras - Universidad de Santiago de Chile, Chile
12:15 - 12:30	USE OF BACILLUS SUBTILIS AND BACILLUS LICHENIFORMIS TO PREVENT EXTERNAL SULFATE ATTACK Leonardo Brescia, Universidad de Santiago de Chile, Chile
LUNCH BREAK	
SESSION: Ecoconcretes II, Construction field of hydrotechnical	
Chairman: Hassan Magbool - Jazan University, Saudi Arabia	
14:00 - 14:15	IMPACT OF CEMENT KILN DUST ON THE CHARACTERISTICS OF ALKALI-ACTIVATED CONCRETE Hassan Magbool - Jazan University, Saudi Arabia
14:15 - 14:30	ASSESSING THE IMPACT OF BIOPOLYMERS ON ROAD INFRASTRUCTURE: PROPERTIES, ENVIRONMENTAL BENEFITS AND ECONOMIC VIABILITY Alexandra-Marina Barbu - INCĐ URBAN-INCERC, Romania
14:30 - 14:45	INTEGRATION OF RECYCLED CONSTRUCTION AND DEMOLITION WASTE INTO ENGINEERING PROJECTS IN TURKEY: METHODOLOGY AND APPLICATIONS Merve Akbas - Istanbul Technical University, Turkey
14:45 - 15:00	APPLICATION OF THE DPSIR FRAMEWORK FOR INTEGRATED WATER RESOURCES ANALYSIS IN ZADAR COUNTY, CROATIA Tomislav Skara - Via factum d.o.o., Croatia

COFFEE BREAK

**SESSION: Construction management and Engineering,
Building Performance Simulations**

Chairman: Samson Adesope - AGH University Krakow, Poland

15:30 - 15:45	EVALUATING THE IMPLEMENTATION OF LOCAL CONTENT POLICIES IN SAUDI ARABIAN CONSTRUCTION PROJECTS Maher Abuhussain - Umm Al-Qura University, Saudi Arabia
15:45 - 16:00	ADVANCING CIRCULAR ECONOMY STRATEGIES IN MODULAR ARCHITECTURE THROUGH DESIGN FOR DISASSEMBLY AND REUSE Kenza Belkhiri - Politehnica University Timisoara, Romania
16:00 - 16:15	CASE STUDY-BASED ASSESSMENT OF CARBON FOOTPRINT REDUCTION IN CONSTRUCTION MATERIALS USING BIM-INTEGRATED LCA AND SENSITIVITY ANALYSIS Samson Adesope - AGH University Krakow, Poland
16:15 - 16:30	EXPLORING ENERGY PERFORMANCE OF SCHOOL BUILDING IN A HOT CLIMATE Mamdooh Alwetaishi - Taif University, Saudi Arabia

END OF ORAL SESSIONS

GEOLOGICAL PAVILON VSB-TUO - HALL GP106

SESSION: Geotechnics I

Chairman: Hynek Lahuta - VSB – Technical University of Ostrava, Czech Republic

09:30 - 09:45	REINFORCEMENT ANALYSIS OF A NEWLY DESIGNED BUILDING SUBJECTED TO LOADS FROM DISCONTINUOUS GROUND DEFORMATION DUE TO MINING Krzysztof Gromysz - Silesian University of Technology, Poland
09:45 - 10:00	INTEGRATED CHARACTERIZATION USING SCPTU, CPTU, AND DYNAMIC PENETRATION TESTS FOR GEOTECHNICAL SUSTAINABILITY Leonardo Marchiori - University of Beira Interior, Portugal

10:00 - 10:15	GEOTECHNICAL ASSESSMENT OF CLAY MATERIALS EXHIBITING DOUBLE POROSITY TYPE Hynek Lahuta - VSB – Technical University of Ostrava, Czech Republic
10:15 - 10:30	CHARACTERISATION OF HALLOYSITE SOILS IN COSTA RICA BY JOINT INTERPRETATION OF ELECTRICAL RESISTIVITY AND SEISMIC SURVEYS, SPT AND LABORATORY TESTS Santiago Ortiz-Palacio - University of Burgos, Spain
COFFEE BREAK	
SESSION: Innovations and construction buildings, Architectural Heritage and Conservation of Historical structures II Chairman: Corrado Villa Presutti - MAPEI SPA, Italy	
11:00 - 11:15	INFRASTRUCTURE, DURABILITY AND SUSTAINABILITY IN ONE CONCEPT Corrado Villa Presutti - MAPEI SPA, Italy
11:15 - 11:30	RESILIENCE OF MODULAR BUILDING CONSTRUCTION Kevin Grosskopf - University of Nebraska-Lincoln, United States
11:30 - 11:45	INTEGRATING GROUND PENETRATING RADAR AND INFRARED THERMOGRAPHY FOR EXAMINATION OF HISTORICAL OBJECTS Tomasz Ciborowski - Gdańsk University of Technology, Poland
11:45 - 12:00	TOWARDS HARMONIOUS ADAPTATION: BALANCING ENERGY PERFORMANCE AND CULTURAL VALUES IN VERNACULAR DWELLINGS Martina Kalivodová - Slovak University of Technology in Bratislava, Slovakia
12:00 - 12:15	THE PRIMITIVE ASSESSMENT OF THE WOODEN CHURCH IN TOPLA: A STUDY BASED ON THE COMPREHENSIVE SURVEY AND ANALYSIS Yudai Yazawa - Nagoya Institute of Technology, Japan
12:15 - 12:30	STONE TOWN ZANZIBAR - GIS- AND BIM-BASED MODELLING OF AN ARCHITECTURAL HERITAGE Maria Clarke - City University of Applied Sciences Bremen, Germany
LUNCH BREAK	

SESSION: Sustainability in the Built Environment III

Chairman: Marcelo Vega - Universidad Nacional De Rosario, Argentina

14:00 - 14:15	THE FUTURE OF NEARLY ZERO ENERGY BUILDINGS (NZEBs) IN A WARMING CLIMATE: BALANCING HEATING, COOLING, AND RENEWABLE ENERGY STRATEGIES Aleksandra Sufa - AGH University of Krakow, Poland
14:15 - 14:30	DETECTION OF SUBSURFACE GALLERIES IN MARLY SEDIMENTS BENEATH A ROADWAY THROUGH THE INTEGRATION OF GEOPHYSICAL TECHNIQUES: ELECTRICAL RESISTIVITY TOMOGRAPHY (ERT) AND GROUND-PENETRATING RADAR (GPR) José Ángel Porres-Benito - University of Burgos, Spain
14:30 - 14:45	CARBON FOOTPRINT AT THE NATIONAL UNIVERSITY OF ROSARIO, ARGENTINA. COMPARISON OF 2019 AND 2022 DATA Camil Pizzorno Lerma - Universidad Nacional de Rosario, Rosario, Argentina
14:45 - 15:00	ENVIRONMENTAL DIALOGUES BETWEEN CROWN WALLS AND THE SEA Jose María del Campo - UPM, Spain

COFFEE BREAK

SESSION: Sustainability in the Built Environment IV

Chairman: Yusuf Berkay Metinal - Hasan Kalyoncu University, Turkey

15:30 - 15:45	BUILDING A GREENER TOMORROW. SUSTAINABLE DESIGN WITH RECYCLED MATERIALS Mitache Alina - Polytechnic University of Timisoara, Romania
15:45 - 16:00	TOWARDS SUSTAINABLE BUILT ENVIRONMENTS: SCIENTOMETRIC INSIGHTS ON GLOBAL BARRIERS TO CIRCULAR CONSTRUCTION Yusuf Berkay Metinal - Hasan Kalyoncu University, Turkey
16:00 - 16:15	A CASE STUDY ON ENERGY PLANNING AND RENEWABLE INTEGRATION: DEVELOPING A STRATEGIC FRAMEWORK FOR STEWART COUNTY Hussein Abaza - Kennesaw State University, United States
16:15 - 16:30	BEYOND ENERGY SAVINGS: THE ROLE OF GREEN ROOFS IN PUBLIC BUILDINGS FOR CLIMATE RESILIENCE AND PERI-URBAN RENEWAL — INSIGHTS FROM HUNGARY Tianyu Zhao - Hubei University of Technology, China Xiaonan Li - University of Pécs Faculty of Engineering and Information Technology, Hungary

END OF ORAL SESSIONS

POSTER PROGRAM

GEOLOGICAL PAVILON VSB-TUO - 09:30 – 17:00	
Stand No: 1	THE PROPOSED METHOD FOR DETERMINING STIFFNESS OF SHEAR WALLS WEAKENED BY OPENINGS IN BUILDINGS WITH LOAD-BEARING WALL STRUCTURES Radoslaw Jasinski - Silesian University of Technology, Poland
Stand No: 2	THE PROPOSED METHOD FOR DETERMINING STIFFNESS OF MULTI-STOREY MASONRY SHEAR WALLS IN FRAME BUILDINGS Radoslaw Jasinski - Silesian University of Technology, Poland
Stand No: 3	PRECISE SURVEYING ACTIVITIES USING EASILY ACCESSIBLE GEODETIC TOOLS AND METHODS Antonio Angelov - University of Architecture, Bulgaria
Stand No: 4	TECHNOLOGICAL AND ORGANIZATIONAL SOLUTIONS OF THE CONSTRUCTION PROCESS OF TEMPORARY BRIDGES IN EMERGENCY SITUATIONS Alicja Ostrowska - Military University of Technology, Poland
Stand No: 5	DEVELOPMENT OF CERAMIC MATERIALS FROM MINING WASTE FOR THE PRODUCTION OF SUSTAINABLE CONSTRUCTION MATERIALS Maria Paz Saez-Perez - Universidad De Granada, Spain
Stand No: 6	DEVELOPMENT OF ALKALI-ACTIVATED LUMINESCENT COMPOSITE Jana Boháčová - VSB – Technical university of Ostrava, Czech Republic
Stand No: 7	MONITORING THE VIBRATION OF SCREENING FRAMES USED IN THE CONSTRUCTION INDUSTRY Leopold Hrabovský - VSB – Technical University of Ostrava, Czech Republic
Stand No: 8	OPTIMIZED SMART GRID DESIGN WITH INTEGRATED HYDROGEN STORAGE FOR SUSTAINABLE ENERGY IN URBAN AREAS Erkin Jafarov - AGH University of Sciences and Technology, Poland
Stand No: 9	FIRE SAFETY OF ETICS BASED ON EPS TYPE POLYSTYRENE Adrian Simion - National Institute for Research and Development in Construction, Romania
Stand No: 10	EFFECT OF DEXTRIN LU-1400-3 ON WORKABILITY AND STRENGTH OF A FLY-ASH–LIMESTONE CEMENTITIOUS COMPOSITE Marta Sybis - Poznan University of Life Sciences, Poland
Stand No: 11	IN-DEPTH ANALYSIS OF FACTORS INFLUENCING THE CONSTRUCTION PROJECTS SUCCESS – A REVIEW STUDY Emad Mamoua - International Burch University, Bosnia and Herzegovina

Stand No: 12	THE POTENTIAL TO MITIGATE THE EFFECTS OF CLIMATE CHANGE ON SELECTED EXAMPLES OF HOUSING ESTATES IN POZNAN, WARSAW AND BRNO Karolina Szumigała - Poznan University of Life Sciences, Poland
Stand No: 13	NON-CLASSICAL OPERATIONAL CALCULUS IN THE ANALYSIS OF THE BEHAVIOR OF GEOSYNTHETICS IN RAILWAY ENGINEERING STRUCTURES Sławomir Grulkowski - Gdańsk University of Technology, Poland
Stand No: 14	ASSESSMENT OF THE BEHAVIOR OF A FLEXIBLE PAVEMENT UNDER LOAD BASED ON STRAINS MEASUREMENTS WITH FIBER OPTIC SENSORS IN IN-SITU CONDITIONS Magdalena Wróblewska - Silesian University of Technology, Poland
Stand No: 15	EVALUATING THE SHIELDING EFFICIENCY OF CARBON FIBER-REINFORCED MORTARS USING METAHEURISTIC ALGORITHMS Mana Alyami - Najran University, Saudi Arabia
Stand No: 16	THE USE OF POLYUREA IN THE RENOVATION OF SEWAGE PUMPING STATIONS - A CASE STUDY FROM KOŚCIAN Tomasz Pawlak - University of Life Sciences in Poznan, Poland
Stand No: 17	WATER - A KEY ELEMENT FOR MICROCLIMATE Monika Šmiralová - Slovak University of Technology in Bratislava, Slovakia
Stand No: 18	USE OF DRONE LIDAR SCANNING FOR VOLUME ESTIMATION OF STOCKPILES ACCUMULATED IN POST-FLOTATION SEDIMENTATION PONDS – A CASE STUDY OF BUKOWNO (SOUTHERN POLAND) Ireneusz Laks - Uniwersytet Przyrodniczy w Poznaniu, Poland
Stand No: 19	DURABILITY AND NATURAL FIBRE CONTENT OPTIMIZATION IN HIGH-PERFORMANCE CONCRETE Fadi Althoej - Najran University, Saudi Arabia
Stand No: 20	DEVELOPMENT OF APARTMENT PRICES IN THE CADASTRAL AREAS OF BRNO BETWEEN 2014-2024 WITH REGARD TO OWNERSHIP STRUCTURE Pavel Juříček - Faculty of Architecture Brno University of Technology, Czech Republic

GALA DINNER

19:00	in Geological Pavilon VSB-TUO
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Thursday – 04 September, 2025

ORAL PROGRAM

GEOLOGICAL PAVILON VSB-TUO - HALL GP105	
SESSION: Mathematical and Statistical Methods, Regional Planning	
Chairman: Daniela Hrabovská - Slovak University of Technology in Bratislava, Slovakia	
10:00 - 10:15	DYNAMIC ANALYSIS OF A FREESTANDING SUPPORT STRUCTURE FOR PHOTOVOLTAIC PANELS UNDER SEISMIC EXCITATION Pawel Boroń - Cracow University of Technology, Poland
10:15 - 10:30	CULTURAL LANDSCAPE IN THE CZECH-SLOVAK CONTEXT: THEORY AND PRACTICE Daniela Hrabovská - Slovak University of Technology in Bratislava, Slovakia
10:30 - 10:45	A COMPARATIVE ANALYSIS OF DIFFERENT SEGMENTATION MODEL USED IN THE WATER BODY DETECTION FROM MULTISPECTRAL SATELLITE IMAGES Vijaya Kumar Shwetha - Manipal Academy of Higher Education, Karnataka
10:45 - 11:00	PYROLYSIS KINETICS OF EUROPEAN HAZELNUT HUSK GROWN IN CHILE Christian Edward Seal Mery - Universidad de Santiago de Chile, Chile; Sebastian Alejandro Correa Espinoza - Universidad de Santiago de Chile, Chile
COFFEE BREAK	
SESSION: Risk Management and Mitigation Planning, Accreditation of Civil Engineering and Architecture	
Chairman: Beyza Şat - Özyeğin University, Turkey	
11:30 - 11:45	MULTIFUNCTIONAL EVALUATION OF URBAN GREEN INFRASTRUCTURE FOR COMBATING CLIMATE CHANGE: A CASE OF SANCAKTEPE DISTRICT IN ISTANBUL METROPOLITAN CITY Beyza Şat - Özyeğin University, Turkey

11:45 - 12:00	DIGITAL HUMAN MODELING (DHM): APPLICATIONS, CHALLENGES, AND FUTURE DIRECTIONS Abdulelah Ali - Jazan University, Saudi Arabia
12:00 - 12:15	COMPARATIVE ANALYSIS OF CLASSICAL GEODETIC METHODS AND TERRESTRIAL LASER SCANNING FOR TILT DETERMINATION OF A HIGH METAL LATTICE STRUCTURE Emiliya Ilieva - University of Architecture, Civil Engineering and Geodesy, Bulgaria
12:15 - 12:30	DOMINANT LOADING IN 5- TO 30-STORY REINFORCED CONCRETE FRAME BUILDINGS AND ITS INFLUENCE ON STRUCTURAL MEMBER SIZING Irhad Mrkonja - International Burch University, Bosnia and Herzegovina
LUNCH BREAK	
SESSION: Integrated Coastal Zone Planning and Management, Public Space, Computer Aided Design, Theories of Vision and Visuality Chairman: Patricia Mery - Universidad de Santiago de Chile, Chile	
14:00 - 14:15	ARCHITECTURES BENEATH THE WAVES: GEOPOLYMER REEFS FOR THE REVIVAL OF MARINE LIFE AND COASTAL HARMONY Carlos Jose Parra Costa - Uiversidad Politecnica de Cartagena, Spain
14:15 - 14:30	VARIABLES WITH INCIDENCE IN THE GENERATION OF MICRODUMPS IN CHILE, COMPARATIVE STUDY BETWEEN LAS CONDES AND EL BOSQUE MUNICIPALITIES Patricia Mery - Universidad de Santiago de Chile, Chile
14:30 - 14:45	OPTIMIZING PREFABRICATED MODULAR CONSTRUCTION WORKFLOWS THROUGH STRATEGIC BIM INTEGRATION Hani A M Alkhatib - Politehnica University of Timișoara, Palestine
14:45 - 15:00	THE DIGITAL FOOTPRINT OF LE CORBUSIER'S SARABHAI HOUSE, IN AHMEDABAD Pedro Gaspar - Lisbon School of Architecture, Portugal
END OF ORAL SESSIONS	

GEOLOGICAL PAVILON VSB-TUO - HALL GP106

SESSION: Urban Planning I

Chairman: Lubica Vitková - Slovak University of Technology in Bratislava, Slovakia

09:30 - 09:45	URBAN DEVELOPMENT OF NEUM - ANALYSIS OF THE CURRENT STATE AND STUDY FOR THE FUTURE Adnan Zoranic - International University of Sarajevo, Bosnia and Herzegovina
09:45 - 10:00	SYNERGY OF CROSS-BORDER REGIONS IN THE CONTEXT OF SUSTAINABILITY Lubica Vitková - Slovak University of Technology in Bratislava, Slovakia
10:00 - 10:15	CONFLICTS OF BORDER TERRITORIES IN TERMS OF TERRITORIAL PLANNING: THE INTERPLAY BETWEEN EXTREMADURA AND ANDALUSIA Ainhoa Maruri Arana - University of Seville, Spain
10:15 - 10:30	THE RELATIONSHIP BETWEEN RESIDENTIAL AND NATURAL ENVIRONMENTS IN METROPOLITAN REGIONS Katarína Steul Zaťková - Slovak University of Technology in Bratislava, Slovakia
10:30 - 10:45	THE REVITALIZATION OF SOME OLD PROJECTS FOR THE CREATION OF NEW WATERWAYS IN ROMANIA Altan Abdulamit - Technical University of Civil Engineering Bucharest, Romania
10:45 - 11:00	INTEGRATING FOOD SOVEREIGNTY INTO URBAN PLANNING: A SOCIAL JUSTICE PERSPECTIVE Mehmet Ergin - Yıldız Technical University, Turkey

COFFEE BREAK

SESSION: Urban Sociology II, Urban Planning II

Chairman: Clemens Beyer - University of Natural Resources and Life Sciences, Austria

11:30 - 11:45	CREATING SPACES FOR ALL: FROM MAPPING THE BARRIERS TOWARDS ACCESSIBLE TOURISM Clemens Beyer - University of Natural Resources and Life Sciences, Austria
11:45 - 12:00	THE CHANGING ROLE OF HOTELS: HOTELS AS SAFE SPACES IN CITIES Constanze Heydkamp - Fraunhofer IAO, Germany
12:00 - 12:15	ENGINEERING AND URBAN PLANNING SOLUTIONS FOR AFFORDABLE HOUSING: PREDICTING HOUSING CHOICES AMIDST RAPID URBANISATION Jobin Josh - VSB – Technical University of Ostrava, Czech Republic

LUNCH BREAK

SESSION: Transportation, Urban Design

Chairman: Piotr Stecz - Cracow University of Technology, Poland

14:00 - 14:15	USE OF SAFETY GUARANTEES OF TRAIN PROTECTION IN THE SAFETY OF AUTONOMOUS TRAIN DRIVING Lukas Kacar - Czech Technical University in Prague, Czech Republic
14:15 - 14:30	THE IMPACT OF BUS AND TRAM SPEED ON BUILDINGS AND RESIDENTIAL COMFORT Piotr Stecz - Cracow University of Technology, Poland
14:30 - 14:45	DATA-DRIVEN GHG ESTIMATION FOR LOCAL PUBLIC TRANSPORT FLEETS: PESCARA CITY CASE STUDY Morena Ciccone - University of L'Aquila, Italy
14:45 - 15:00	INTEGRATING MULTIMODAL LARGE LANGUAGE MODELS WITH POINT CLOUDS FOR URBAN VEHICLE DETECTION Horia Ameen - University of Vigo, Spain

COFFEE BREAK

SESSION: Urban Planning III, Urban Sociology III

Chairman: Aylin Erol - Technische Hochschule Ostwestfalen-Lippe (TH OWL), Germany

15:30 - 15:45	A SYSTEMATIC REVIEW OF THE 15-MINUTE CITY CONCEPT: INDICATORS FOR URBAN LIVEABILITY AND SUSTAINABILITY Aylin Erol - Technische Hochschule Ostwestfalen-Lippe (TH OWL), Germany
15:45 - 16:00	BLENDED INTENSIVE PROGRAMME (BIP) ERASMUS: SKETCHING AND COMMUNICATION IN ARCHITECTURE - TRANSFORMING INDUSTRIAL HERITAGE Luis Moreira Pinto - Universidade da Beira Interior, Portugal
16:00 - 16:15	ONTOLOGY OF URBAN INCOMPLETENESS: MORPHOLOGICAL DIALECTICS AND RATIONALIST MEMORY IN CARAVAGGIO (BG) Paola Condoleo - Politecnico di Milano, Italy
16:15 - 16:30	MOUNTAIN CITIES, CLIMATE CHANGE AND RISKS: COVILHÃ, URBAN DESIGN/PLANNING SOLUTIONS FOR RESILIENCE Cláudia Beato - Beira Interior University, Portugal

END OF ORAL SESSIONS

POSTER PROGRAM

GEOLOGICAL PAVILON VSB-TUO - 09:30 – 17:00	
Stand No: 1	CONCEPTUAL SOLUTION FOR THE REVITALISATION OF PUBLIC SPACES IN SLOVAK TOWNS (CASE STUDY NÁMESTOVO) Filip Bránický - Slovak University of Technology, Slovakia
Stand No: 2	INVESTIGATION OF SELECTED PHYSICOCHEMICAL INDICATORS OF SURFACE WATER QUALITY IN THE UNREGULATED VARÍNKA STREAM, SLOVAKIA Veronika Bačová Mitková - Institute of Hydrology, Slovakia
Stand No: 3	COMPARISON OF THE SEPTEMBER 2024 DANUBE FLOOD WITH HISTORICAL FLOODS IN THE BRATISLAVA–NAGYMAROS SECTION Veronika Bačová Mitková - Institute of Hydrology, Slovakia
Stand No: 4	THE INFLUENCE OF NANO-SILICA ON THE MECHANICAL PERFORMANCE OF POLYPROPYLENE FIBER-REINFORCED GEOPOLYMER CONCRETE Ali Alhamami - Jazan University, Saudi Arabaia
Stand No: 5	ASSESSMENT OF DAMAGE TO CUBIC BUILDINGS IN FLOODED AREAS Kamil Sobczyk - Military University of Technology, Poland
Stand No: 6	HYDROGEOENVIRONMENTAL STUDIES FOR THE ATTEMPT TO REVIVE AN OLD MEDICAL SPA - TERMAS DA TOUCA - FUNDÃO (PORTUGAL) Luís M. Ferreira-Gomes - GeoBioTec, Portugal
Stand No: 7	THE IMPACT OF NEW RAIL STATIONS ON RAIL COMMUTER GROWTH AND LAND DEVELOPMENT Sen Wang - China Academy of Urban Planning and Design, China
Stand No: 8	RAILWAY TRANSPORT INFRASTRUCTURE ON THE EASTERN FLANK OF NATO AND OF ROMANIA Nica Ioan Flaviu - Technical University of Civil Engineering Bucharest, Romania
Stand No: 9	ASSESSING PUBLIC TRANSPORT ACCESSIBILITY THROUGH THE PTQC SYSTEM: THE L'AQUILA CASE STUDY Martin Grabner - Technical University of Vienna, Austria

Stand No: 10	INDOOR ENVIRONMENTAL QUALITY OF SELECTED FLOORING MATERIALS Michal Kraus - Institute of Technology and Business in Ceske Budejovice, Czech Republic
Stand No: 11	MULTI-LEVEL CLIMATE GOVERNANCE FOR URBAN HEAT ISLAND MITIGATION IN TACNA, ATACAMA DESERT, SOUTHERN PERU: AN INTEGRATED APPROACH BASED ON THE SDGS Karina Yanina Acosta-Caipa - Jorge Basadre Grohmann National University, Poland
Stand No: 12	EXPERIMENTAL INVESTIGATION ON AXIAL RESPONSE OF COMPOSITE WOOD-COLD-FORMED-STEEL FIXED ENDED STUDS Hiba Meddah - National Center of Applied Research on Earthquake Engineering (CGS), Algeria
Stand No: 13	PROCESSES OF URBANIZATION IN MICROREGIONS OF SLOVAKIA Filip Bránický - Slovak University of Technology in Bratislava, Slovakia
Stand No: 14	THERMAL TECHNICAL AND ENERGY TRANSFORMATION OF PANEL BUILDINGS OF URBAN STRUCTURES IN THE CONTEXT OF SUSTAINABILITY Darja Kubečková - VSB – Technical University of Ostrava, Czech Republic
Stand No: 15	THREE-DIMENSIONAL FEM-BASED PARAMETRIC STUDY OF SINGLE PILES SUBJECTED TO LATERAL LOADS IN SATURATED NORMALLY CONSOLIDATED CLAYS Hocine Haouari - University center of Tipaza, Algeria
Stand No: 16	METHODOLOGY OF ENGINEERING GEOLOGICAL INVESTIGATION FOR FAMILY HOUSES AND WITH APPLICATIONS IN CONSTRUCTION AND GEOTOURISM Dominik Niemiec - VSB – Technical University of Ostrava, Czech Republic

Friday – 05 September, 2025

FIELD TRIP

09:00	From bus stop VSB-TUO (Route will be announced in Venue)
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SOCIAL PROGRAM

01 September, 2025 – Monday

Opening Concert in Auditorium VSB-TUO, hall UA2 – 11:15

Welcome Party in Auditorium VSB-TUO or outside before
Auditorium VSB-TUO (due to weather conditions) - 19:00

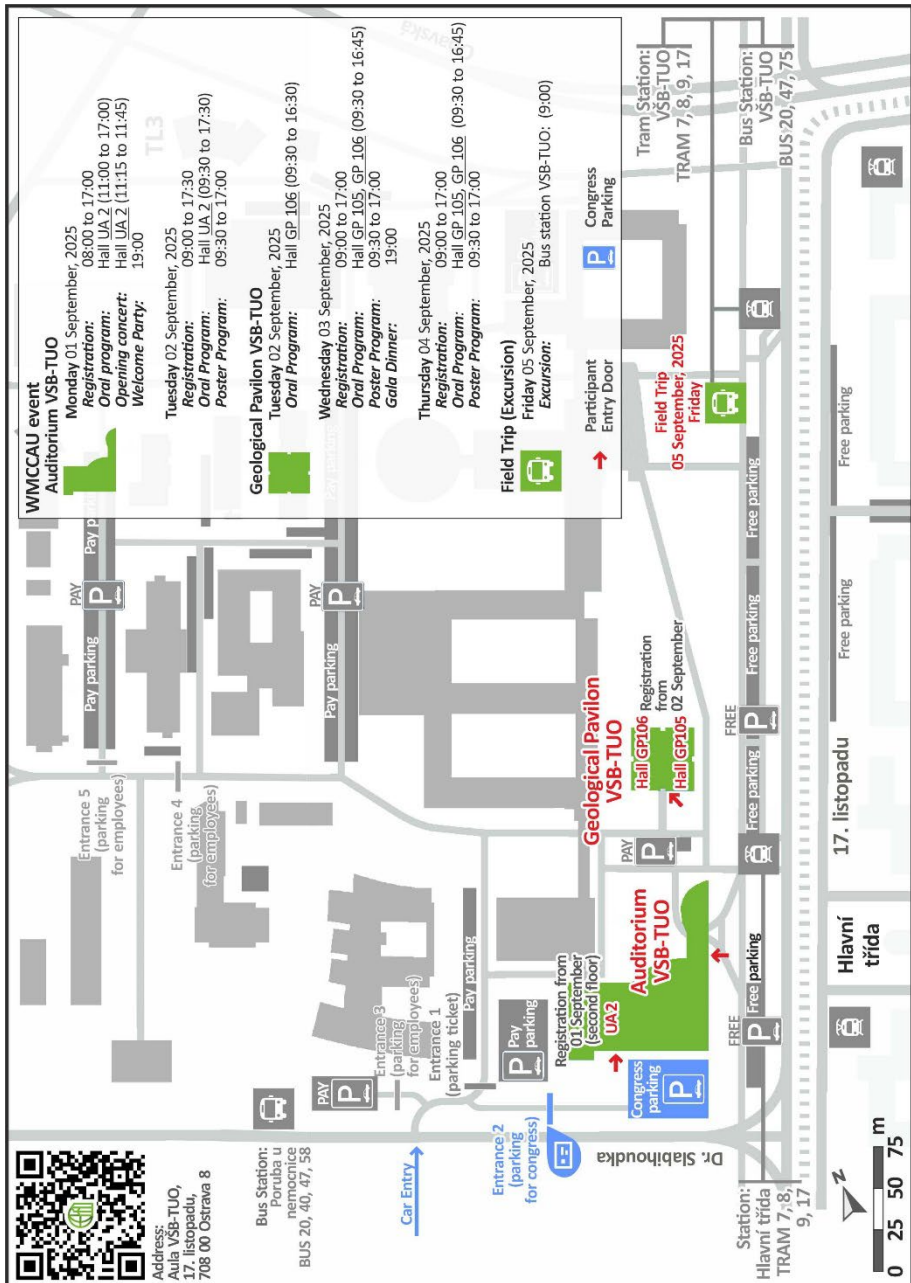
03 September, 2025 – Wednesday

Gala Dinner in Geological Pavilon VSB-TUO - 19:00

05 September, 2025 – Friday

Field Trip from bus stop VSB-TUO - 9:00

(Route will be announced in Venue)





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