PRELIMINARY PROGRAMME

Please note that this program is subject to change without prior notice from the organiser.

FRIDAY 25th NOVEMBER

Tami Resident Hotel

08:00 – 10:00 Registration

Resident Hall

10:00 – 10:30 Opening Ceremony

Resident Hall

10:30 – 12:00 Plenary Session 1

Chairs Stevan Prohaska, Slaviša Trajković, Saeed Samadianfard

Ozgur Kisi, Halil Ibrahim Fedakar

PREDICTION OF SUSPENDED SEDIMENT CONCENTRATION USING FUZZY-GENETIC APPROACH

Josef Fürst

MAKING COMPREHENSIVE AND CONSISTENT COUNTRY-WIDE HYDROLOGICAL INFORMATION AVAILABLE FOR A WIDE PROFESSIONAL AND SCIENTIFIC COMMUNITY: GIS BASED HYDROLOGICAL ATLASES

Mladen Todorović, Nicola Lamaddalena, Simone Mereu

MODERN TECHNOLOGIES AND TOOLS FOR INTEGRATED MANAGEMENT OF WATER AND LAND RESOURCES IN THE MEDITERRANEAN REGION

Mohammad-Bagher Aghajanloo, Hossein Tabari

IDENTIFYING TRENDS IN AUTOCORRELATED REFERENCE EVAPOTRANSPIRATION DATA IN IRAN

Foyer

12:00 – 12:30 Coffee Break

Resident Hall

12:30 – 14:00 Plenary Session 2

Chairs Günther Schmid, Radomir Folić, Djordje Vuksanović

Elena Dumova-Jovanoska, Goran Markovski, Sergey Churilov

FEM UPDATING OF EXISTING STRUCTURES BASED ON AMBIENT VIBRATION MEASUREMENTS

Zvonko Tomanović

EXPERIMENTAL RESEARCH AND COMPLEX RHEOLOGICAL MODELS OF SOFT ROCK AS A BASIS FOR NUMERICAL ANALYSIS OF THE STRESS DEPENDENT BEHAVIOR

Tamara Nestorović

IMPLEMENTATION OF PIEZOELECTRIC MATERIALS IN SENSING AND ACTUATION FOR MODEL IDENTIFICATION AND ACTIVE VIBRATION CONTROL



Resident Restaurant

14:00 – 15:00 Cocktail

VIP Hall

15:30 – 17:00 Presentation on scientific projects

Resident Hall

15:30 – 17:00 Session 1-1 Construction Engineering
Chairs Zvonko Tomanović, Elena Dumova-Jovanoska

Danilo Ristić, Jelena Ristić

SEISMICALLY SAFE CITIES OF THE FUTURE WITH ADVANCED INNOVATIONS AND EDUCATION: NEW ML-MD SEISMIC RESPONSE MODIFICATION SYSTEM

Josif Josifovski

ABSORBING BOUNDARY CONDITIONS AND PERFECTLY MATCHED LAYER MODEL FOR ELASTODYNAMIC ANALYSIS

Petar Dimitrov Pavlov, Svetlana Velkova Lilkova-Markova, Borislav Nikolov Nakov, Janitza Tzvetanova Dancheva

APPLICATION OF THE NEW ACHIEVEMENTS IN THE SIMULATING AND MEASURING APPARATUS FOR THE CONSTRUCTION OF A STAND FOR STUDY VIBRATIONS OF A PARTICLE

Simona Markovska, Elena Dumova- Jovanoska

COMPARATIVE WIND LOAD ANALYSIS ACCORDING TO EUROCODES AND NATIONAL STANDARDS

Jelena Ristić, Elena Dumova-Jovanoska

PUSHOVER ANALYSIS OF RC BRIDGE STRUCTURE USING EUROCODE 8 REGULATIONS

Marina Ćetković, Đordje Vuksanović

NONLINEAR ANALYSIS OF LAMINATED COMPOSITE PLATES

Mira Petronijević, Marija Nefovska-Danilović, Srđan Prodanović

SUSTAINABLE DEVELOPMENT OF CITIES: EFFECTS OF TRAFFIC INDUCED VIBRATION ON HUMANS

Tami Hall

15:30 – 17:00 Session 2-1 Architecture

Chairs Nadja Kurtović-Folić, Petar Mitković

Ljiljana Vasilevska, Milorad Ribar

LOW-RISE HIGH DENSITY HOUSING – RECOMMENDATION AND KEY PRINCIPLES IN THE PROCESS OF URBAN AND ARCHITECTURAL DESIGN

Biljana Arandjelović

THE REICHSTAG ARCHITECTURAL TRANSFORMATIONS

Biljana Arandjelović, Ana Momčilović-Petronijević

TRADITIONAL SERBIAN MORAVA TYPE HOUSE AND ITS INFLUENCE ON MODERN SERBIAN ARCHITECTURE

Nikola Krunić, Marina Nenković-Riznić, Saša Milijić

GIS APPLICATION IN SPATIAL DEVELOPMENT OF SERBIA

Marina Nenković-Riznić, Saša Milijić, Nikola Krunić

INNOVATING EXISTING METHODOLOGIES IN STRATEGIC ENVIRONMENTAL IMPACT ASSESMENT THROUGH THE USAGE OF SOTAVENTO METHOD

Ivana Lukić, Đordje Nenadović, Vladimir Kovač

INNOVATION IN CONTEMPORARY URBAN VISUAL COMMUNICATION

Foyer

17:00 – 17:30 Coffee Break

Resident Hall

17:30 – 19:00 Session 1-2 Construction Engineering

Chairs Mira Petronijević, Miloš Knežević, Meri Cvetkovska

Meri Cvetkovska, Ljupčo Lazarov, Koce Todorov

FIRE RESISTANCE OF RC FRAME IN CASE OF POST EARTHQUAKE FIRE

Ana Trombeva Gavriloska, Meri Cvetkovska, Todorka Samardzioska, Viktor Gavriloski

EXPERIMENTAL DETERMINATION OF REINFORCEMENT RATIO INFLUENCE ON MECHANICAL PROPERTIES OF FRP MATERIALS

Marijana Lazarevska, Miloš Knežević, Meri Cvetkovska

COMPARISON OF NUMERICAL ANALYSES AND NEURAL NETWORK'S PROGNOSTIC MODEL

Julijana Cvetanovska, Vlatko Sesov, Igor Gjorgiev, Kemal Edip

GIS APPLICATION IN EARTHQUAKE GEOTECHNICAL ENGINNERING PROBLEMS

Kemal Edip, Mihail Garevski, Christoph Butenweg, Vlatko Sesov, Julijana Cvetanovska, Igor Giorgiev

APPLICATION OF COUPLED FINITE AND INFINITE ELEMENTS IN NUMERICAL SIMULATION OF GEOTECHNICAL PROBLEMS

Igor Gjorgjiev, Mihail Garevski, Vlatko Sesov, Julijana Cvetanovska, Kemal Edip

RESPONSE OF BASE ISOLATED STRUCTURE CONSIDERING THE SOIL STRUCTURE INTERACTION EFFECTS

Ivan Lukić, Vesna Milovanović, Igor Džolev

COST EFFECTIVE ANALYSIS OF INSULATION THICKNESS OF FACADE WALLS

Bojan Matić, Djordje Uzelac, Ranko Okuka

IMPLEMENTATION OF NEW METHODOLOGY AND SOFTWARE SOLUTION FOR ASSESSING THE CONDITION OF BRIDGES IN SERBIA

Ranko Okuka, Bojan Matić

KRALJEVO EARTHQUAKE - STRATEGY FOR PREVENTIVE REHABILITATION OF MASONRY BUILDINGS IN SEISMICALLY ACTIVE ZONES

Edisa Nukić, Rijad Šišic, Edin Delić, Abduselam Adilović

NUMERICAL SIMULATION OF DIFFERENT FIRE SCENARIOS IN VRANDUK 2 TUNNEL

VIP Hall

17:30 – 19:00 Session 3-1 Water Resources Engineering
Chairs Ozgur Kisi, Josef Fürst, Mladen Todorović

Saeed Samadianfard, Ali Ashraf Sadraddini, Slaviša Trajković

ESTIMATING REFERENCE EVAPOTRANSPIRATION IN A CASE OF LIMITED WEATHER DATA USING GENETIC PROGRAMMING

Borislava Blagojević, Aleksandra Ilić

AN ALGORITHM FOR IDENTIFICATION OF HYDROLOGIC HOMOGENEOUS REGION FOR UNGAUGED BASIN

Djordje Djordjević, Lazar Ignjatović, Srbislav Nešić

"BIOTOKSINOMER" -- A BIO-DEVICE FOR WATER QUALITY CONTROL

Djordje Djordjević, Lazar Ignjatović, Čedomir Antanasijević

NUMERICAL MODEL OF OIL AND GREASE SEPARATOR FROM WASTE WATER

Andrijana Todorović, Miloš Stanić, Dušan Prodanović, Jasna Plavšić

ADVANCED HYDROLOGICAL MODELLING IN URBAN AREAS USING HYDROINFORMATIC TOOLS

Tami Hall

17:30 – 19:00 Session 4-1 Other engineering disciplines

Chairs Miroslav Trajanović, Tamara Nestorović, Jugoslav Karamarković

Snežana Djorić-Veljković, Jugoslav Karamarković

CHALLANGES AND POSSIBILITIES OF APPLICATION OF OLED LIGHT SOURCES

Predrag Milić, Miomir Jovanović

THE REAL RESPONSIBLE ELEMENTS PROPERTIES OF TRANSPORTATION MACHINES' SUPPORTING STRUCTURES

Vujadin Aleksić, Ljubica Milović

THE APPLICATION OF THE PARAMETRIC PROGRAMMES FOR MODELLING IN PREPARATION FOR ND TESTING AND PREPARATION OF THE TESTING REPORT

Jelena Tanasijević, Marina Savić, Jovan Jovanović, Mića Jovanović

IMPROVED TECHNICAL SOLUTION OF POWER PLANT COAL STORAGE

Ana Veljašević, Marina Savić, Jovan Jovanović, Mića Jovanović

NEW METHOD FOR CRUDE OIL STORAGE TANKS EVAPORATIVE LOSSES DETERMINATION

Darko Avramović, Dragoljub Novaković, Nemanja Kašiković, Gojko Vladić

USE OF DATABASES IN E-LEARNING SYSTEMS

Nataša Bogdanović, Jovica Bogdanović, Aleksandar Spasić

COMPUTER SIMULATION IN ACOUSTIC DESIGN OF A THEATRE PERFORMANCE HALL

Ana Luković, Goran Janaćković

MULTI-CRITERIA DECISION ANALYSIS FOR WASTEWATER TECHNOLOGY SELECTION



Asja Damadžić, Nadira Kuljuh

TEACHING STYLES ON EXAMPLE OF STRUCTURAL ANALYSIS AND DESIGN COURSE FOR THE STUDENTS OF ARCHITECTURE

Resident Restaurant

20:00 – Official Dinner

SATURDAY 26th NOVEMBER

Residence Hall

09:30 – 11:00 Session 1-3 Construction Engineering
Chairs Zvonko Tomanović, Josif Josifovski, Rijad Šišić

Zoran Bonić, Verka Prolović, Nebojša Davidović, Rijad Šišić

PUNCHING SHEAR STRENGTH OF COLUMN FOOTINGS IN ACTUAL DESIGN CODES AND THEIR EXPERIMENTAL INVESTIGATION

Nebojša Davidović, Zoran Bonić, Verka Prolović, Aleksandar Šutanovac

CRITICAL ANGLE OF REPOSE OF UNCOMPACTED SEPARATED RIVER GRAVEL 16/32MM

Aleksandra Cilić, Danijela Djurić-Mijović

POSITIVE EFFECTS OF OUTRIGGER TRUSSES

Danijela Djurić-Mijović, Aleksandra Cilić, Gordana Broćeta

SEISMIC DESIGN OF THE GLAZED BUILDING ENVELOPE

Zoran Grdić, Gordana Topličić Ćurčić, Nenad Ristić, Iva Despotović

IMPACT RESISTANCE OF MICRO-REINFORCED CONCRETE WITH STEEL AND POLYPROPYLENE FIBRES

Tomislav Igić, Marina Mijalković, Dragana Turnić

LIMIT ANALYSIS AND OPTIMUM DIMENSIONING OF SHELLS

VIP Hall

09:30 – 11:00 Session 2-2 Architecture

Chairs Nadja Kurtović-Folić, Nikola Cekić

Nikola Cekić, Milenko Stankovic, Miloš Dačić

FUNCTIONAL INNOVATIONS IN URBARCHITECTURE OF STUDENT HOSTELS

Miloš Dačić, Nikola Cekić, Milenko Stanković

INNOVATING ARCHITECTURAL DESIGN WITH PARAMETERIZATION AND COLLABORATION

Ivana Bogdanović Protić

EUROPEAN COUNTRIES EXPERIENCES IN URBAN REGENERATION OF RESIDENTIAL COMPLEXES WITH MULTIFAMILY HOUSING

Nevena Grubić

SUSTAINABLE STRUCTURAL USE OF ALUMINIUM IN ARCHITECTURE AND CIVIL ENGINEERING

Faculty of Civil Engineering and Architecture, University of Nis Aleksandra Medvedeva 14, 18000 Nis http://www.gaf.ni.ac.rs/IDE2011/

Ljiljana Jevremovic, Marina Jordanović, Milanka Vasić

CONTEMPORARY TRENDS IN DESIGNING WINERIES, INNOVATIVE ENGINEERING VS. TRADITIONAL CONSTRUCTION

Vuk Milošević, Jelena Savić

STRUCTURAL STATUS EVALUATION AND APPLICATION OF INNOVATIVE STRUCTURAL AND ARCHITECTONIC MEASURES DURING REVITALIZATION

Miomir Vasov, Jelena Savić, Danijela Milanović

MODERN FACADE SYSTEMS IN THE FUNCTION OF RESHAPING OF EXISTING FACADES

Aleksandra Koneski

UTILIZATION OF URBAN INTERACTIVE DISPLAYS FOR THE PURPOSE OF REANIMATION OF THE PUBLIC URBAN AREA – ON THE EXAMPLE OF KRALJA MILANA SQUARE IN NIS

Petar Pejić, Emilija Petrić, Sonja Krasić

RESTITUTION AND PHOTOGRAMMETRY AS A METHOD OF CREATING THREE-DIMENSIONAL ARCHITECTURAL MODELS

Tami Hall

09:30 – 11:00 Session 4-2 Other engineering disciplines

Chairs Srdjan Glišović, Dragan Arandjelović

Milić Pejović, Momčilo Pejović, Nikola Nešić, Nataša Bogdanović, Zijad Bajramović

THE EVOLUTION OF TIME DELAY OF ELECTRICAL BREAKDOWN MEASUREMENT SYSTEM

Milan Protić, Dragan Mitić, Velimir Stefanović, Jordan Hristov

EFFECTS OF STRAW BALE FRAGMENTATION ON ROTATIONAL CHOPPER OF NOVEL DESIGN

Ivan Stanković, Milan Gocić, Dragan Janković

COLLABORATION AND ISSUE TRACKING IN CONTEMPORARY COMPANIES

Filduza Prusević-Sadović, Enis Sadović

LIFELONG LEARNING IN CIVIL ENGINEERING EDUCATION

Maja Stanojevic Gocić

INNOVATIVE TECHNOLOGIES IN TEACHING ENGLISH FOR ENGINEERING

Fover

11:00 – 11:30 Coffee Break

Residence Hall

11:30 – 13:00 Session 1-4 Construction Engineering

Chairs Radomir Folić, Danilo Ristić

Slobodan Ranković, Radomir Folić, Dušan Kovačević

EXPERIMENTAL DETERMINATION OF MECHANICAL CHARACTERISTICS OF FRP REINFORCEMENT BARS

Todor Vacev, Slobodan Ranković

INNOVATION VERSUS RELIABILITY THROUGH DIAGNOSTICS OF ONE CRANE RUNWAY

Slavko Zdravković, Dragan Zlatkov, Vlado Micov

SEISMIC RISK AND HAZARD IN THE DESIGN OF CIVIL ENGINEERING STRUCTURES

Marija Spasojević-Šurdilović, Ana Spasojević

ANALYTICAL SOLUTIONS FOR DETERMINING TENSION FORCE IN STRANDS OF BRIDGE STAY CABLE IN ISOTENSION PROCEDURE

Ana Spasojević, Marija Spasojević-Surdilović, Dario Redaelli

POSSIBILITIES FOR STRUCTURAL APPLICATIONS OF ULTRAHIGH PERFORMANCE FIBRE-REINFORCED CONCRETE

Biljana Matejević

CONSIDERATION THE POSSIBILITY OF DETERMINING THE CRITICAL PATH IN REPETITIVE SCHEDULING METHOD

Ovidiu Gavris

STATIC RESPONSE OF THE DECKS BRIDGES USING THE FINITE STRIP METHOD

Jovan Br. Papić, Vasil Vitanov, Milorad Jovanovski, Igor Peševski, Biljana Krsteska-Papić MODELING EXERCISES AS VALUABLE TOOL FOR SHAPING STUDENTS' KNOWLEDGE

Spasen Gjordjevski, Jovan Br. Papić, Atanas Strašeski, Bojan Susinov

SYNERGY THROUGH DESIGN OF RETAINING WALL IN THE ST. JOVAN BIGORSKI MONASTERY COMPLEX

VIP Hall

11:30 – 13:00 Session 2-3 Architecture

Chairs Ljiljana Vasilevska, Goran Jovanović

Goran Jovanović, Branislava Stoiljković, Mirko Stanimirović

NEW TENDENCIES IN RESIDENTIAL SPACE ORGANIZATION

Mirko Stanimirović, Goran Jovanović

NEW TENDENCIES IN SPACE ORGANIZATION REGARDING RESIDENCE OF THE ELDERLY

Branislava Stoiljković, Slaviša Kondić, Milan Sazdanović

APARTMENT OPEN AREAS AS INDIVIDUALIZATION FACTOR IN MULTI-FAMILY HOUSING

Milica Živković, Milan Tanić, Slaviša Kondić

CONVERSION OF OBSOLETE BUILDINGS TO RESIDENTIAL BUILDINGS IN THE CONTEX OF SUSTAINABLE DEVELOPMENT

Aleksandar Milojković, Marko Nikolić

PASSIVHAUS IN MOLKEREISTRASSE IN VIENNA, AUSTRIA – AN EXAMPLE OF "USABLE" ARCHITECTURE

Aleksandar Milojković, Marko Nikolić

MUSEUM ARCHITECTURE AT THE BEGINNING OF THE 21 CENTURY – FROM SPECTACULAR ARCHITECTONIC FORM TO THE "NEUTRAL" MINIMALISM

Marija Stamenković, Dragan Gavrilović

GREEN ROOFS AS A TOOL FOR MANAGING RAINWATER RUNOFF

Tami Hall

11:30 – 13:00 Session 3-2 Water Resources Engineering

Chairs Hossein Tabari, Srdjan Kolaković, Snežana Đorić-Veljković

Dragan Arandjelović

MEASURING OF WATER DISCHARGE IN OPEN CHANNELS

Slaviša Trajković, Milan Gocić

ANN-BASED MODEL OF ESTIMATING MAXIMUM DISCHARGE IN THE IRRIGATION SYSTEM

Milan Gocić, Slaviša Trajković

AN APPROACH TO SPECIFY REFERENCE EVAPOTRANSPIRATION

Dragan Milićević, Borislava Blagojević, Vladimir Nikolić

APPLICATION OF SPATIAL DECISION SUPPORT SYSTEM IN THE INTEGRAL PROTECTION OF WATER RESOURCES FROM POLLUTION

Fover

13:00 – 13:30 Closing Ceremony