



COAST 2024

INTERNATIONAL CONFERENCE
ON ADVANCES IN SCIENCE AND
TECHNOLOGY

3rd International Conference on Advances in Science and Technology

29th May to 1st June 2024

Venue: Hunguest Hotel Sun Resort, Herceg Novi

CONFERENCE PROGRAM

Wednesday 29 th May 2024	
15:00 – 18:00	Registration
19:00 – 20:00	Opening of the Conference
20:00 – 21:00	Cocktail

Thursday, 30 th May 2024	
	Plenary sessions (Main Hall)
10:00 – 11:00	Speakers Johannes Holzner, PhD <i>Agriculture in the nexus of climate change, sustainability, animal welfare and digitalization</i> Edvard Jakopin, PhD <i>SME development in EU and transition countries</i>
11:00-11:30	Break
11:30-14:00	Work in sessions

	(Main Hall, Conference room I, Conference room II)
14:00-15:00	Break
15:00-18:00	Work in sessions (Main Hall, Conference room II)

Session I: Economy, management, tourism and hospitality	
Main Hall	
11:30-14:00	Work in sessions
Moderators: Nikša Grgurević, PhD, Stefan Koprivica, MSc	
LEAN CONSTRUCTION: WASTE IDENTIFICATION AND ELIMINATION IN SUPPLY CHAIN Stefan Koprivica	
DOES THE ACCOUNTING DEPARTMENT PROVIDE TAX COMPLIANCE OF COMPANIES? Stefan Vržina, Nevena Conić	
TECHNOLOGICAL DEVELOPMENT AND INNOVATION AS THE FOUNDATION OF SERBIA'S ECONOMIC PROGRESS Adrijana Vukovic, Krsto Jaksic, Slavisa Trajkovic	
CHALLENGES OF MANUFACTURERS OF PRODUCTS WITH PROTECTED GEOGRAPHICAL INDICATION Kristina Svržnjak, Marija Kaleb, Marina Vidović Krušić	
IMPORTANCE OF DUE DILIGENCE IN MERGERS AND ACQUISITIONS PROCESSES Slađana Savović, Dušan Marković	
MANAGING THE CHANGES IN OHRID'S HOTEL OFFER THROUGH BOUTIQUE HOTELS Lidija Simonceska, Jagotka Strezovska	
INNOVATION IN SMES IN BOSNIA AND HERZEGOVINA: THE ROLE OF GREEN ENTREPRENEURIAL ORIENTATION Aida Hamur, Neira Zulić, Hamza Smajić, Emil Knezović	
THE EFFICIENCY AND PROFITABILITY IN THE BANKING SECTOR: A COMPARATIVE ANALYSIS OF THE REPUBLIC OF SERBIA AND OTHER WESTERN BALKAN COUNTRIES Milka Grbić	
RE-EXAMINING THE THEORY OF HOMO ECONOMICUS USING THE INSTRUMENTS AND METHODS OF NEUROSCIENCE Đorđe Kotarac	
DEVELOPMENT PERSPECTIVE OF CORPORATE BONDS IN THE REPUBLIC OF SERBIA Dragan Stojković, Marijana Milanović	

JACOBI OPERATORS ON STATISTICAL MANIFOLDS Mirjana Milijević	
HERCEG NOVI: ANALYSIS OF ECONOMIC AND COMMUNICATION ASPECTS OF CULTURAL HERITAGE FROM THE PERSPECTIVE OF CITIZENS' ATTITUDES Vojislav Todorović, Momčilo Jokić	
FINANCIAL MANAGEMENT AND CONTROL ON THE EXAMPLE OF EDUCATIONAL INSTITUTIONS IN BOSNIA AND HERZEGOVINA AND SERBIA Damir Bajrić, Julija Ščekić, Irma Ibrišimović	
NATIONAL CULTURE DIMENSIONS AND CONSUMER DECISION MAKING: TESTING THE MODERATING EFFECTS OF LIFESTYLE Jovana Lazarević, Veljko Marinković, Srđan Šapić	
14:00-15:00	Break
15:00-18:00	Work in sessions
Moderators: Dragan Bulatović, PhD, Nikša Grgurević, PhD, Željko Vlaović, MSc	
THE ROLE OF DISRUPTIVE AND NON-DISRUPTIVE INNOVATION IN THE BUSINESS ECOSYSTEM – online presentation Tatjana Mamula Nikolić	
ASSOCIATION BETWEEN MENTORSHIP AND CAREER DEVELOPMENT OF INSURANCE COMPANY EMPLOYEES – online presentation Marina Prebeg	
MANAGEMENT OF DEVELOPMENT OF A SUSTAINABLE GASTRONOMIC TOURISM OFFER OF THE MORAVICA ADMINISTRATIVE DISTRICT (SERBIA) – online presentation Dušan Garabinović, Ivana Ćuruvija, Miloš Ćuruvija	
IMPACT OF DIGITALIZATION AND INNOVATIONS TO BUSINESS OPERATIONS Nikša Grgurević, Irena Petrušić	
ECONOMIC EFFECTS OF SPORTS EVENTS ON THE EXAMPLE OF THE EUROPEAN KICKBOXING CHAMPIONSHIP FOR JUNIORS AND CADETS Dragan Klarić, Dragan Bulatović	
CRISIS MANAGEMENT- A KEY FACTOR OF BUSINESS SURVIVAL AND SUCCESS Dragan Bulatović, Dragan Klarić, Veselin Drljević	
THE ROLE AND SIGNIFICANCE OF BRANDING FOR THE TOURIST DESTINATION OF HERCEG NOVI Dragan Klarić, Bojana Ostojić, Milutin Pečić, Jelena Ružić	
VIOLATION OF INTERNATIONAL AGREEMENTS IN MILITARY CONFLICTS Milica Anđelić	
PERSONALITY STUDY AND CATEGORIZATION OF CONVICTED PERSONS IN PENAL INSTITUTIONS OF THE REPUBLIC OF SERBIA	

Aco Bobić, Dražan Erkić, Isidora Milošević
THE PROCESS OF PREPARING A BUSINESS PLAN Stefan Marijanović, Suzana Balaban, Ranko Marijanović, Veselin Drljević
SECURITY SYSTEM OF A LARGE SPORTS MANIFESTATION Ranko Marijanović, Stefan Marijanović, Milan Mihajlović, Veselin Drljević
DESIGNING DEVELOPMENT STRATEGIES: AN OVERVIEW OF THE DIGITAL ENTREPRENEURIAL ECOSYSTEM FOCUSING ON ONE OF THE KEY PILLARS Jelena Raut
THE IMPORTANCE OF THE DEVELOPMENT OF THE INTERNAL CONTROL IN PUBLIC COMPANIES OF THE REPUBLIC OF SERBIA Goran Radovanovic, Samed Karović
FINANCIAL SUCCESS ANALYSIS OF COMPANIES OPERATING IN THE BIST HEALTH SECTOR USING THE TOPSIS METHOD Selçuk KENDİRLİ, Zekeriya LEK
FINANCIAL SUCCESS EVALUATION OF COMPANIES OPERATING IN THE BIST HEALTH SECTOR WITH RATIO ANALYSIS Selçuk KENDİRLİ, Zekeriya LEK
GEOGRAPHIC POTENTIALS OF SINJAJEVINA FOR SPORTS AND RECREATION TOURISM Veselin Drljević, Dragan Bulatović, Ranko Marijanović, Stefan Marijanović
SNOW ON THE SKI TRACKS EXTENDS THE SKI SEASON IN KOLAŠIN Veselin Drljević, Dragan Bulatović, Ranko Marijanović, Stefan Marijanović
MODELING OF FUEL COSTS AS A FUNCTION OF PROFIT Biljana Bjelica, Darko Martinov, Dragan Vukasović
LGBT TOURIST MARKET OF MONTENEGRO Darko Lacmanović, Andrej Raspor
AGGRAVATED MURDER Emil Turković, Slavica Dinić
GLOBAL ECONOMIC CYCLES AND THE RESPONSE OF ECONOMIC POLICY Jugoslav Aničić, Marijana Milunović, Boris Latinović, Dušan Aničić
AN APPROACH TO MARKETING MANAGER SELECTION BASED ON THE USE OF THE PIPECA-S METHOD Maja Stanujkic, Darjan Karabasevic, Gabrijele Popovic, Muzafer Saracevic, Dragisa Stanujkic
THREATS TO ECONOMIC SECURITY IN THE VIRTUAL MARKET AND THE ROLE OF MARKETING TECHNOLOGIES IN COUNTERING THEM Anna Bessarabova, Vladislav Bessarabov

Session II: Engineering, technology and materials	
Conference room I	
11:30-14:00	Work in sessions
Moderators: Bojana Ostojić, PhD, Jelena Ružić, MSc	
THE SIGNIFICANCE OF VISUAL INSPECTION WITHIN THE QUALITY VERIFICATION OF LOW-VOLTAGE ELECTRICAL INSTALLATIONS – PART 1 – PREVENTIVE FIRE PROTECTION	
Nedžad Hadžiefendić, Jovan Trifunović, Miomir Kostić	
THE SIGNIFICANCE OF VISUAL INSPECTION WITHIN THE QUALITY VERIFICATION OF LOW-VOLTAGE ELECTRICAL INSTALLATIONS – PART 2 –PREVENTIVE PROTECTION AGAINST ELECTRIC SHOCK	
Nedžad Hadžiefendić, Jovan Trifunović, Miomir Kostić	
BEYOND SCREENS: ANALYZING SMARTPHONE USE AND LEARNING EFFECTIVENESS IN PROGRAMMING DISCIPLINES	
Marjan Milošević, Maja Radović	
SIMULATED ANNEALING FOR SOLVING THE UNRELATED PARALLEL MACHINE SCHEDULING PROBLEM WITH PROCESSING TIMES AND SETUP TIMES	
Aleksandar Stanković, Goran Petrović	
A MECHATRONIC ARM AS AN AID FOR THE DEVELOPMENT OF CHILDREN'S COGNITIVE ABILITIES	
Vule Reljić, Jovan Šulc, Milodrag Novaković, Vladimir Jurošević, Nikolina Dakić	
APPLICATION OF 3D TECHNOLOGY IN THE EDUCATION OF STUDENTS IN FIELD OF MACHINE ELEMENTS	
Mirjana Šoškić, Janko Jovanović	
PRECISION TECHNOLOGY FOR SUSTAINABLE OLIVE CULTIVATION FOR INNOVATIONS IN OLIVE OIL PRODUCTION VALUE CHAIN	
Ivana Tomašević, Sandra Đurović, Marija Markoč	
A REVIEW OF FRICTION WELDING: TYPES AND MACHINING PARAMETERS FOR ALUMINUM ALLOYS	
Živana Jovanović Pešić, Miloš Pešić, Dragan Džunić, Strahinja Milenković, Nikola Palić, Fatima Živić	
DISPLACEMENT OF GRAVITY RETAINING WALLS UNDER THE EFFECT OF SEISMIC LOADING	
Timur Curić, Demir Vatić, Nazim Manić, Ismail Nurković	
INVESTIGATION OF THE STABILITY OF SILYBUM MARIANUM PLANT EXTRACTS DEPENDING ON THE STORAGE AND PRESERVATION CONDITIONS	

Halid Makić, Samira Dedić, Elvisa Hodžić, Jasmina Ibrahimpašić, Samira Hotić, Emina Grdainović-Čehić
TOPOLOGICAL AND GEOMETRIC DESRIPTORS USED FOR CLASSIFYING DIGITAL OBJECTS Andrija Blesić, Nebojša Ralević, Lidija Čomić, Isidora Đurić, Aleksandar Kršić
CHOQUET-TYPE PSEUDO-INTEGRALS FOR FACE RECOGNITION Nebojša Ralević, Andrija Blesić, Julijana Kapor, Kaleo Bogawa
HYBRID ENERGY SYSTEMS - online presentation Predrag Đukić, Siniša Zorica, Sandra Antunović Terzić, Marinko Lipovac, Robert Kosor
HYDROGEN FUEL CELLS AN ALTERNATIVE FUEL IN TRANSPORT - online presentation Predrag Đukić, Siniša Zorica, Ivana Bilandžić, Slobodanka Jelena Cvjetković, Robert Kosor
MEASURING INSTRUMENT AND FAULT DIAGNOSIS SYSTEM – online presentation Biljana Savić, Marko Popović, Matija Savić, Goran Šiniković, Emil Veg
ASSESSMENT ECOTOXICITY OF THE HEAVY METALS IN THE WATER OF THE BREGAVA RIVER AND THEIR IMPACT ON HUMAN HEALTH – offline prezentacija Dalila Ivanković Memić, Almir Šestan, Aldina Kesić, Aida Crnkčić

Session III: Sustainable development, ecology, energy efficiency and renewable energy sources	
Conference room II	
11:30-12:10	Erasmus+ GROWTH project panel Greening Relevance in Operations in Western-Balkan Tertiary-Education Habitats – GROWTH – 101083212
12:10-14:00	Work in sessions
Moderators: Snežana Dragičević, PhD, Jovana Jovanović, PhD	
SPECIFIC CHALLENGES AND POTENTIAL NEGATIVE EFFECTS OF RENEWABLE SOURCES ON THE ENVIRONMENT - online presentation Predrag Đukić, Siniša Zorica, Sandra Antunović, Tea Bošnjak, Tea Vukšić Živković, Slobodanka Jelena Cvjetković	
MICROCLIMATIC FACTORS INTEGRATED ASSESSMENT METHODOLOGY FOR URBAN AREA SUSTAINABLE MANAGEMENT Marine Nalbandyan	
THE NORTH ATLANTIC OSCILLATION AND ITS INFLUENCE IN THE MEDITERRANEAN REGION	

Gordana Jovanović	
„EVALUATING SERBIAN AIR QUALITY INITIATIVES IN REGIONAL CONTEXT“	
Filip Nastić, Dubravka Živković, Davor Končalović, Vladimir Vukašinović, Nebojša Jurišević, Jelena Nikolić	
FROM COAL TO NATURAL GAS: ANALYZING PM2.5 CONCENTRATION CHANGES CAUSED BY DISTRICT HEATING PLANT FUEL SWITCH	
Filip Nastić, Vanja Šušteršič, Davor Končalović, Vladimir Vukašinović, Nebojša Jurišević, Natalija Aleksić	
MANAGING AND POSSIBLE IMPROVEMENT OF ENERGY EFFICIENCY OF SPORTS BUILDINGS; CASE STUDY SERBIA	
Mirjana Miletić, Marija Mosurović	
ECOLOGY AND SUSTAINABLE ECONOMIC DEVELOPMENT IN THE REPUBLIC OF SRPSKA	
Marko Milić, Marko Milošević, Ognjen Bakmaz	
CLASSIFICATION OF EUROPEAN COUNTRIES ACCORDING TO THE ACHIEVED LEVEL OF SUSTAINABLE DEVELOPMENT	
Milan Stamenkovic, Marina Milanovic, Yulia A. Zuenkova	
ANALYZING ENERGY RETROFIT AND INDOOR ENVIRONMENT OF THE PUBLIC BUILDINGS IN SERBIA	
Mirjana Miletić	
THE IMPORTANCE AND ROLE OF MOUNTAINEERING FOR THE PROTECTION OF MOUNTAIN NATURE	
Dragan Bulatović, Veselin Drljević, Dragan Klarić	
EXPLORING MICROBIAL FUEL CELLS: HARNESSING ALGAE AND HYDROGEN FOR SMALL-SCALE ELECTRICAL GENERATION	
Adi Vokshi	
MICROALGAE IN THE EUROPEAN PROTEIN TRANSITION AS PART OF EUROPEAN GREEN DEAL	
Adi Vokshi	
14:00-15:00	Break
15:00-17:00	Work in sessions
Session IV: Computer science and information technology	
Moderators: Danijela Milošević, PhD, Slobodan Slavić, MSc	
EVOLUTIONARY DEVELOPMENT OF ARTIFICIAL INTELLIGENCE IN EDUCATION: ANALYSIS OF RECENT TRENDS AND FUTURE DIRECTIONS – online presentation	
Vesna Radojic, Aleksandar Sandro Cvetkovic, Ljubinko Stojanovic	
THE EVOLUTIONARY APPROACH FOR TUMOR DOSE WITH FOTELP- VOX TRANSPORT SIMULATIONS	

Milena Živković, Marina Svičević, Lazar Krstić, Filip Andrić, Tatjana B. Miladinović, Dragana Krstić
THE IMPACT OF INFORMATION SYSTEMS ON COMPANY DEVELOPMENT Luka M. Gavrilović, Katarina N. Karić
SHAPE OF THE MAGNETIC FIELD UNDER A POLE OF INDUCTION MACHINE WITH CONVENTIONAL AND SINUSOIDAL WINDING CONFIGURATION Marko Rosić, Branko Koprivica, Miroslav Bjekić
APPLYING MLOPS IN SOFTWARE QUALITY ASSURANCE OF THE ANALYTICS APPLICATION MARKET Ognjen Tomic, Olga Ristic, Marjan Milosevic, Vanja Lukovic, Mirko Ostojic
DETERMINING THE OPTIMAL NUMBER OF CHARACTERISTIC VECTORS IN MEDICAL IMAGES Nataša S. Milosavljević, Nebojša Ralević, Bratislav Iričanin, Dejan Ćebić, Irma Ibrišimović
ANDROID APPLICATION FOR MOTION SICKNESS PARAMETERS MONITORING Željko Jovanović, Marjan Milosević, Marija Blagojević
GRAPHIC VISUALISATION OF DATABASE BUSINESS ANALYTICS Natasa Gojgic, Tihomir Popovic, Vesna Ruzicic, Marija Nikolic
MODELING OF NATURAL HAZARDS INDICATORS IN THE R PROGRAMMING LANGUAGE Ljiljana Popović, Srđan Popov
PROPOSING AN APPROACH FOR ADDRESSING CHALLENGES OF SMART EDUCATION IMPLEMENTATION: A SYSTEMATIC FRAMEWORK Lidija Paunović, Marija Nikolić, Bosiljka Srebro, Aleksandar Stokić, Sandra Milunović Koprivica

Friday, 31st May 2024	
09:00–11:00	Poster session I
10:00–12:00	Work in sessions (Main Hall, Conference Room II)
12:00–12:30	Break
12.30–14:00	Work in sessions (Main Hall)
14:00–15:00	Break
15:00–16:00	Work in sessions (Main Hall)
16:00–18:00h	Poster session II

20:30-00:00	Gala dinner
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Session V: Humanities: philosophy, philology, history, theology	
Main Hall	
10:00-12:00	Work in sessions
Moderators: Irena Petrušić, PhD, Bojana Ostojić, PhD	
THE MANY-FACETED 20 th -CENTURY EXPERIMENTAL THEATRE: WHERE IS THE THEATRE HEADED?	
Biljana Vlašković Ilić	
POETIC-EXEGETICAL CHARACTERISTICS OF MARY'S SONG (LUKE 1, 46-55)	
Đorđe Đurđević	
SOCIAL FEMININATIVES FROM PERSPECTIVE OF LITERATURE AND LINGUSTIC NORM AND LEGAL NORM	
Milena Burić	
PRAGMATICS OF METAPHOR: A FULL CIRCLE	
Nina Manojlović, Katarina Subanović	
ANALYSIS OF PARAMETERS THAT INFLUENCE THE EFFECTIVENESS OF TEAMWORK	
Dragan Bulatović, Bojana Ostojić, Biljana Ilić, Jelena Ružić	
SPATIAL CONFINEMENT AND PSYCHOLOGICAL TRAUMA IN EMMA DONOGHUE'S ROOM	
Aleksandra Stojanović	
LINGUISTIC CHALLENGES IN IT COMMUNICATION	
Gordana Nikolić	
FOSTER'S DYSTOPIAN INTIMATION OF THE POSTHUMAN ERA	
Tomislav Pavlović	
TRANSFORMATION OF MEANINGS IN THE SCREEN VERSION OF FAIRY STORY IN RUSSIAN CINEMA	
Arkady Rusakov	
FROM POLICY TO PRACTICE: DIGITAL EQUALITY GENDER MAINSTREAMING IN EU POLICIES	
Milena Acimic Remikovic	
IMPROVING COMMUNICATION AS A KEY STRATEGY FOR ACHIEVING GOALS OF PROJECT TEAMS	
Gordana Nikčević	
THE IMPORTANCE OF EMPATHY IN EFFECTIVE LEADERSHIP	
Miloš Dašić	
REQUIREMENTS FOR SUSTAINABLE LEADERSHIP	

Nenad Mihajlov, Snežana Mihajlov	
ENVIRONMENTAL ACTIVISM OF ADOLESCENTS AS A PREDICTOR OF ECOCENTRIC WORLD VIEW Milivoje Ćosić, Miroljub Ivanović	
12:00-12:30	Break
12:30-14:00	Work in sessions
Session VI: Education, online education-e-Learning	
Moderators: Irena Petrušić, PhD, Bojana Ostojić, PhD, Nataša Gojgić, PhD	
AN INTEGRATED MODEL OF LEADERSHIP PRACTICES IN SCHOOL SETTINGS Stefan Ninković, Olivera Knežević Florić	
EFFICACY OF ARTIFICIAL INTELLIGENCE CHATBOT IN SOLVING PROBLEMS IN GENERAL CHEMISTRY Stanislava Olić Ninković, Jasna Adamov, Branka Radulović	
EXPLORING ONLINE FORMATIVE ASSESSMENT AND FEEDBACK PRACTICES IN HIGHER EDUCATION Vesna Petrović, Marija Đukić, Nataša Gojgić, Marija Nikolić	
COMPETENCES IN THE FIELD OF INFORMATION TECHNOLOGIES AS A BASIS FOR IMPROVING TOURISM SERVICES: ANALYSIS OF TOURISM STUDY PROGRAMS IN THE REPUBLIC OF SERBIA Miloš Papić, Dušan Garabinović, Kristina Papić	
PROBLEMS AND SOLUTIONS TO INCREASE THE EFFICIENCY OF ENGINEERING GRAPHIC COURSE Andjelija Mitrovic, Maja Radovic, Danijela Milosevic, Milica Tomic	
INTERCULTURAL COMPETENCES AND EXTRA-CURRICULAR ACTIVITIES OF PRIMARY SCHOOL STUDENTS Marija Tomić	
STUDYING THE ANATOMY OF THE HUMAN BODY THROUGH THE PRISM OF VIRTUAL REALITY (VR) Tihomir Lazarević, Vera Županec, Stanislava Olić Ninković	
NON-FORMAL EDUCATION AMONG UNIVERSITIES' STUDENTS IN THE REPUBLIC OF SERBIA Dejana Pavlovic, Mihajlo Djukic, Duško Bodroza	
WHAT PUPILS AND STUDENTS (NOT) EXPECT FROM CLASSIC CLASSROOM TEACHING, AND WHAT FROM ONLINE TEACHING Nezir Halilović, Fikret Kalabić	
DIGITAL LITERACY OF PEOPLE WITH INTELLECTUAL DISABILITY Bojana Arsić, Magdalena Mia Vušović, Jelena Vlajković	
14:00-15:00	Break
15:00-16:30	Work in sessions
Session VII: Legal and political sciences, sociology, psychology	
Moderators: Dragan Bulatović, PhD, Irena Petrušić, PhD	

PROCEDURE OF FORCED DETENTION OF MENTALLY ILL PERSONS IN NON-LITIGATIVE PROCEDURE Jasmina Tahirović, Adis Mehić
BUSINESS ETHICS IN COMPANIES Sandra Kantar, Marina Vidović Krušić, Luka Pomper
PARENTAL COMPETENCIES OF MOTHERS OF ADOLESCENTS- DIVORCED AND THOSE IN MARITAL UNION Biljana Jaredić, Marija Zdravković, Tatjana Radojević
DIGITAL FOOTPRINTS IN THE COURTROOM: THE RISE OF SOCIAL MEDIA EVIDENCE IN CRIMINAL TRIALS Andreja Mihailovic
ANALYSIS OF PROJECTILE EFFECTS ON DIFFERENT TYPES OF MATERIALS – offline prezentacija Darko Jankovic, Marina Simovic Pavlovic, Martin Ochsenhofer, Igor Radisavljevic, Darko Vasiljevic
Student session
THE ROLE AND IMPORTANCE OF COMMUNICATION IN CREATING BRAND VALUE Benisa Bahović, Irena Petrušić, Jelena Poznanović
IMPORTANCE OF ENVIRONMENTAL MANAGEMENT Maja Pajević, Luka Stevović
RESOURCE BASED ECONOMY AS POSIBLE UNIVERSAL SOLUTION FOR REACHING SUSTAINABLE DEVELOPMENT AT A GLOBAL LEVEL Duško Lalović

Session VIII: Biology, physics, chemistry, mathematics	
Conference room II	
10:00-12:00	Work in sessions
Moderators: Branko Sarić, PhD, Jelena Ružić, MSc	
ON SUMMABILITY IN R2 Branko Sarić	
ANTIMICROBIAL AND ANTIOXIDANT ACTIVITY OF THE LICHENS CLADONIA RANGIFERINA AND LOBARIA PULMONARIA Jovana D. Matić, Nevena N. Petrović, Marijana M. Kosanić	

GREEN, MICROWAVE-ASSISTED SYNTHESIS OF A-RING FUSED PYRIDINE DERIVATIVES OF SELECTED BILE ACIDS

Ljubica Grbović, Dušan Škorić, Biljana Šmit, Suzana Jovanović-Šanta

TANACETUM BALSAMITA ESSENTIAL OIL FROM FLOWER EXERTS ANTITUMOR EFFECTS BY DOWNREGULATING Nrf-2 AND MMP-9 EXPRESSION IN HUMAN BREAST CANCER CELLS – offline presentation

Ana Obradović, Milena Vukić, Milica Paunović, Branka Ognjanović, Nenad Vuković, Miroslava Kačaniová, Miloš Matić

THE MACROINVERTEBRATE COMMUNITY COMPOSITION IN SOME WATER ECOSYSTEMS IN STARA PLANINA MOUNTAINS (SOUTHEAST SERBIA)

Predrag Simović, Glorija Ćirković, Tijana Veličković, Marija Jakovljević, Simona Đuretanović, Vladica Simić, Ana Petrović

Session IX: Medical, biomedical and pharmaceutical sciences

FLOW CYTOMETRY ANALYSIS OF BREAST CANCER CELLS TREATED WITH NITROGEN-CONTAINING STEROID COMPOUNDS

Suzana Jovanović-Šanta, Lidija Aleksić, Jovana Ajduković, Aleksandar Oklješa, Vesna Kojić, Tatjana Srdić-Rajić

ANTIMICROBIAL EFFECT OF TEA TREE (MELALEUCA ALTERNIFOLIA) ESSENTIAL OIL IN PREGNANT WOMEN

Mirjana Bogavac, Nikolina Zečević, Đorđe Ilić, Jovana Mišković, Maja Karaman

THE IMPORTANCE OF SALES AND MARKETING ACTIVITIES FOR THE DEVELOPMENT OF INDIVIDUAL VOLUNTARY HEALTH INSURANCE IN THE REPUBLIC OF SERBIA

Željko Jović, Tamara Panajotović, Marija Janković, Klara Djurović

Poster Session - Friday, 31st May 2024

09:00-11:00

Poster session I

BIOTECHNOLOGICAL PRODUCTION OF TRICHODERMA BIOFUNGICIDE ON STARCH-RICH WASTEWATER

Ivana Mitrović, Sonja Tančić Živanov

INFLUENTIAL FACTORS ON THE RESPONSE OF A BODY EXPOSED TO MULTIAXIAL VIBRATIONS

Igor Saveljic, Slavica Macuzic Saveljic

ANALYSIS OF THE CORRUGATED STRUCTURE OF THE APATURA ILIA BUTTERFLY AS A BIOMIMETIC MODEL FOR THE POTENTIAL DESIGN OF NEW NANOSTRUCTURED MATERIALS

Marina Simović Pavlović, Aleksandra Radulović, Tijana Maksimović, Maja Pagnacco
EFFECTS OF AGING IN SERBIAN OAK (QUERCUS PETRAEA) BARRELS ON THE POLYPHENOL COMPOSITION AND ANTIOXIDANT ACTIVITY OF RED WINE
Sara Brunet, Uroš Miljić, Jovana Rajović, Jelena Vulić, Vladimir Puškaš
NUMERICAL ANALYSIS OF THE TOWER HEIGHT IMPACT ON STRUCTURAL LOADING CAUSED BY WIND PRESSURE
Snežana Vulović, Miloš Pešić, Aleksandar Bodić, Živana Jovanović Pešić, Miroslav Živković
THERMAL ANALYSIS OF SOLAR WALL AIR HEATING SYSTEM
Snežana Dragičević, Milan Marjanović
BIOETHANOL PRODUCTION FROM SUGAR BEET MOLASSES REMAINED AFTER THE OSMOTIC DEHYDRATION OF RED CABBAGE
Vesna Vučurović, Radojka Razmovski, Jelena Filipović, Vladimir Filipović
IMPACT OF INTERNATIONAL MIGRATION ON INCOME INEQUALITY IN EUROPEAN TRANSITION COUNTRIES
Tijana Tubić Ćurčić, Marko Savićević, Miloš Dimitrijević, Jovana Filipović
PHYSICO-CHEMICAL PROPERTIES OF HOTEL'S SWIMMING POOLS WATER IN COASTAL AREA OF MONTENEGRO
Milena Tadić, Irena Nikolić, Nevena Cupara, Dijana Đurović, Jelka Vuković
THE INFLUENCE OF THE LASER BEAM ON THE QUALITY OF THE SURFACE WHEN THE PARAMETERS ARE CHANGED
Milica Janković, Gordana Jović, Milan Pavlović, Biljana Milutinović, Miloš Ristić, Petar Đekić
FROM THEORY TO PRACTICE: QUALITY MANAGEMENT TOOLS IN DIVERSE INDUSTRIES
Biljana Milutinović, Petar Đekić, Miloš Ristić, Milica Janković
UTILIZATION OF IMMOBILIZED HORSERADISH PEROXIDASE AS BIO-CATALYST FOR PESTICIDES REMOVAL FROM WATER
Mirjana Petronijević, Sanja Panić, Igor Antić, Jelena Živančev, Nataša Đurišić-Mladenović
DIVERSITY OF PHOTOTROPHIC MICROBIAL ORGANISMS IN GORNJA TREPČA SPA, SERBIA
Sanja Šovran, Olga Jakovljević, Ana Milićević, Ana Knežević, Jelena Krizmanić
DIVERSITY OF FOULING ORGANISMS ON A CARGO SHIP SAILING THE SAVA RIVER, SERBIA
Sanja Šovran, Nikola Unković, Ana Knežević, Milan Kalajdžić
POTENTIAL ANTI-INFLAMMATORY EFFECT OF NEWLY SYNTHESIZED 3-(1-((4-HYDROXY BUTYLAMINO)ETHYLIDENE)CHROMAN-2,4-DIONE
Sandra S. Jovičić Milić, Danijela Lj. Stojković, Edina H. Avdović, Dušica M. Simijonović, Đorđe S. Petrović, Verica V. Jevtić
COMPARATIVE ANALYSIS OF TURBULENCE INTENSITY AND NUSSELT NUMBER PREDICTION IN INTERNAL FLOWS: EVALUATING ALGEBARIC MODEL AGAINST COMMERCIAL CFD SIMULATIONS

<p>Nenad Tomić, Jovica Podunavac, Mladen Tomić, Predrag Živković, Aleksandar Anđelković, Miroslav Kljajić</p>
<p>BIODIVERSITY IN AN URBAN CONTEXT: PRELIMINARY STUDY OF ECOSYSTEMS AND HABITATS IN THE MEMORIAL PARK "KRAGUJEVAČKI OKTOBAR"</p> <p>Filip Grbović, Nevena Petrović, Marija Jovanović</p>
<p>THE SIGNIFICANCE AND APPLICATION OF PHOTOCATALYSIS FOR REMOVING MOULDS AND MYCOTOXINS IN WATER</p> <p>Ivana Jevtić, Dragana Ilić Udovičić, Bojan Damnjanović, Sandra Jakšić</p>
<p>EMPIRICAL FORMULAS FOR DETERMINING THERMOPHYSICAL PROPERTIES OF PARAFFIN: A COMPARATIVE STUDY WITH EXPERIMENTAL DATA</p> <p>Jovica Podunavac, Gradimir Cvetanović, Nenad Tomić, Predrag Živković, Mladen Tomić, Aleksandar Anđelković, Miroslav Kljajić</p>
<p>INVESTIGATION OF THE INHIBITORY ACTIVITY OF FURANOCOUMARIN DERIVATIVES IN KAMPO EXTRACT MEDICINES ON THE ENZYME VITAMIN K EPOXIDE REDUCTASE RESPONSIBLE FOR ANTICOAGULANT EFFECT</p> <p>Žiko Milanović</p>
<p>THE PROFESSIONAL-CONTEXTUAL INDICATORS OF PROFESSIONAL IDENTITY</p> <p>Senka Slijepčević, Slađana Zuković</p>
<p>EDUCATIONAL EFFECTIVENESS – THE KEY OF QUALITY EDUCATION</p> <p>Borka Malčić, Stanislava Marić Jurišin, Tamara Dragojević</p>
<p>REPRESENTATION OF BACTERIAL INFECTIONS IN THE HUMAN POPULATION OF MACVA DISTRICT</p> <p>Gordana Jovanović, Ana Vasić, Bojan Damnjanović, Aleksandra Radić, Dragica Đurđević-Milošević, Milan Teodorović</p>
<p>MECHANISMS OF RESISTANCE DEVELOPMENT TO 5-FLUOROURACIL IN HT-29 COLORECTAL CANCER CELLS</p> <p>Nikola Radenković, Danijela Nikodijević, Jovana Jovankić, Stefan Blagojević, Aleksandra Nikezić, Filip Ristanović, Milena Milutinović</p>
<p>EFFECT OF CHELATING AGENTS ON SELECTED METALS IN VINEYARD SOILS</p> <p>Vlatko Kastratović, Bojana Knežević</p>
<p>POLLUTANT PARTICLES IN THE AIR ON THE TERRITORY OF KOSOVSKA MITROVICA</p> <p>Svetlana K. Belošević, Jovana S. Belošević, Maja B. Đukić, Marija S. Ristić, Danijela Lj. Stojković</p>
<p>STATE AND PERSPECTIVES OF SUSTAINABLE FISHERY DEVELOPMENT IN THE REPUBLIC OF SERBIA</p> <p>Maja Došenović Marinković, Suzana Knežević, Milena Milojević, Goran Stanišić</p>

APPLICATION OF DATA ENVELOPMENT ANALYSIS IN THE EFFICIENCY EVALUATION OF WASTE MANAGEMENT: A PRISMA-GUIDED SYSTEMATIC REVIEW Damira Keček, Katerina Fotova Čiković	
CHARACTERIZATION OF CHITOSAN EXTRACTED FROM DANUBE RIVER CRAYFISH SHELLS USING DIFFERENT EXTRACTION METHODS Nadežda Seratlić, Nevena Hromiš, Senka Popović, Danijela Šuput, Jovana Pantić, Ivana Čabarkapa	
ORGANIC MODIFIED MONTMORILLONITES AS ADSORBENTS OF DIFFERENT POLLUTANTS FROM DIFFERENT ENVIRONMENTS: FORMALDEHYDE FROM POLYMER MATRICES AND ACID RED 183 DYE FROM WATER Mirjana Ristić, Suzana Samaržija-Jovanović, Tijana Jovanović, Marija Kostić, Vojislav Jovanović, Gordana Marković, Milena Marinović-Cincović	
CHALLENGES IN XANTHAN PRODUCTION FROM BIOFUELS INDUSTRY EFFLUENTS Zorana Trivunović, Ida Zahović, Jelena Dodić	
TECHNICAL SOLUTIONS IN FIREPLACE DESIGN AS AN INNOVATED ENVIRONMENTALLY ACCEPTABLE PRODUCT Miloš Ristić, Igor Radojlović, Gordana Jović, Milan Nikolić, Milica Janković	
16:00-18:00	Poster session II
CONFECTIONARY WASTE AS RAW MATERIAL FOR BIOETHANOL PRODUCTION BY SIMULTANEOUS SACCHARIFICATION AND FERMENTATION Aleksandra Katanski, Dušan Delić, Vesna Vučurović	
IMPLEMENTATION OF INFORMATION SYSTEM DEVELOPMENT AND PRODUCTION MONITORING IN THE MANUFACTURING COMPANY „JUGOPLAST“ Jasmina Čurčić, Zoran Nešić, Andrijana Gaborović, Milan Vesković	
MODELING MOBILITY PERFORMANCE WITHIN SMART CITY INFRASTRUCTURE USING URN DIAGRAMS Violeta Dimić, Predrag Milošević	
DESIGN OF A HUNTING DOG STIMULATION SYSTEM Slavimir Stošović, Milan Stojanović, Dejan Stevanović, Miona Andrejević Stošović	
THE ROLE OF THE SCHOOL PRINCIPAL IN EMPLOYEE'S MOTIVATION Muzafer Bibić	
JACQUE LACAN'S SINTHOME AS THE SELF EXILE FROM THE TRAUMA Maja Luković, Milena Jovanović-Kranjec	
LABORATORY ACTIVITIES TO INTRODUCE THE QUALITATIVE ANALYSIS OF BIOMOLECULES IN THE COMMON FOOD STUFF – AN EXAMPLE OF INQUIRY-BASED TEACHING IN THE CHEMISTRY CLASSROOM	

Marina D. Kostić, Jovana S. Marjanović, Vera M. Divac
FIXED POINT THEORY IN FUZZY METRIC SPACES WITH APPLICATION TO IMAGE PROCESSING Tatjana Došenović, Nebojša Ralević, Aleksandar Kršić, Marija Paunović, Djordje Dragić
OUTSIDE-OF-THE-BOX STEM TEACHING FOR PRIMARY SCHOOL CHILDREN IN SERBIA ON TOPIC DIVERSITY OF NATURE – WATER Vera M. Divac, Marijana Biočanin-Šultans, Jovana S. Marjanović and Marina D. Kostić
FUZZY AHP ASSESSMENT OF BALKAN WINERIES FROM A TOURIST ATTRACTION PERSPECTIVE Dušan Milošević, Mimica Milošević, Ana Stanojević
ENHANCING STUDENTS` KNOWLEDGE AND SKILLS IN STEM EDUCATION Branka Radulović, Stanislava Olić Ninković, Tihomir Lazarević
MARKETING MANAGEMENT AS A GENERATOR OF ORGANIZATION'S SUSTAINABILITY IN CONDITIONS OF CHAOS Siniša Bilić, Zvonimir Filipović, Ivica Opačak
INTERACTION OF DINUCLEAR PLATINUM(II) COMPLEXES WITH PHENANTHROLINE AS A BRIDGING LIGANDS WITH HUMAN SERUM ALBUMINE Anđela A. Franich, Marija D. Živković, Snežana Rajković
BUSINESS PROCESSES MODELLING FROM ASPECT OF PROJECTING FUTURE USER INTERFACE OF INFORMATION SYSTEM Natasa Gojgić, Vesna Ružičić, Marija Nikolić, Vesna Petrović
MULTI-CRITERIA DECISION-MAKING APPROACH FOR REGENERATION OF ABANDONED AREAS: SELECTION OF REMEDIATION TECHNIQUES Mimica Milošević, Dušan Milošević, Ana Stanojević
APPLICATION OF FDM TECHNOLOGY IN PRODUCT DEVELOPMENT PROCESS: AN EXAMPLE OF CENTRIFUGAL FAN CARRIER FOR NESPI 4 CASE Milan Pavlović, Gordana Jović, Jelena Bijeljić, Jelena Stevanović
COMPARATIVE ANALYSIS OF THE RELATIONAL DATABASE MODEL WITH ITS EQUIVALENT GRAPH DATABASE MODEL Nikola Vukotić, Slavimir Stošović
APPLICATION OF FUZZY METRIC SPACES IN IMAGE PROCESSING AND FIXED POINT RESULTS Tatjana Došenović, Nebojša Ralević, Aleksandar Kršić, Marija Paunović, Đorđe Dragić
NATURAL BLUE SPIRULINA (SPIRULINA PLATENSIS) IN A NEW FRUIT JUICE DESIGN Biljana Cvetković, Jasmina Lazarević, Miona Belović, Olivera Šimurina, Mirjana Penić, Goran Radivojević
THE INFLUENCE OF THE SPENT COFFEE GROUNDS EXTRACT ON WALNUT PASTE SHELF LIFE AND COMPOSITION Biljana Cvetković, Lidija Perović, Jovana Kojić, Snežana Škaljac, Anita Milić, Marija Jokanović, Božana Odžaković

A METAHEURISTIC APPROACH TO SOLVING ONE VARIANT OF THE P-HUB MAXIMAL COVERING PROBLEM

Olivera Stančić, Katarina Borisavljević, Vladimir Stančić

COMPARATIVE ANALYSIS OF THE CHEMICAL COMPOSITION OF POTENTILLA REPTANS L. AERIAL PART AND RHIZOME

Marina Tomovic, Marija Popovic Milenkovic, Anica Petrovic, Jovana Bradic, Danijela Pecarski, Teodora Pecarski, Marijana Andjic

COMPARATIVE VALIDATION OF THE GROUNDWATER LEVEL DETERMINATION METHOD

Marina Udilanović, Andrija Ćirić, Vesna Krstić

MECHANICAL ANALYSIS AND SIMULATION OF ABB IRB 120 ROBOT OPERATION USING MATLAB

Vojislav Vujičić, Nenad Mijajlović, Ivan Milićević, Nedeljko Dučić

Synthesis, characterization and HSA interactions of new [PdL₂Cl₂] complex

Maja B. Đukić, Marija S. Ristić, Danijela Lj. Stojković, Ignjat P. Filipović, Marko D. Radovanović, Ivan Ž. Jakovljević, Zoran D. Matović

EMERGING TRENDS IN THE DEVELOPMENT OF THE SERBIAN STARTUP INNOVATION ECOSYSTEM

Nikola Radosavljević, Cariša Bešić, Gordana Rendulić Davidović

EXPRESSION OF THE HEAT STRESS PROTEIN HSP101 IN DIFFERENT CEREAL VARIETIES DURING A THREE-YEAR STUDY

Stefan Marković, Đorđe Minić, Aleksandra Torbica, Nevena Djukić

CITY LOGISTICS STRATEGIES

Jovan Mišić, Stefan Mihajlović, Dušan Radosavljević

20:30-00:00

Gala Dinner

Saturday, 1st June 2024

City tour

10:30-13:00h

Faculty of Management organizes walking city tour with the guide.

The tour includes visits to the visit of old town Herceg Novi and its fortresses Kanli Kula and Forte Mare.