



COAST 2023

INTERNATIONAL CONFERENCE
ON ADVANCES IN SCIENCE AND
TECHNOLOGY

2nd International Conference on Advances in Science and Technology

31st May to 3rd June 2023

Venue: Hunguest Hotel Sun Resort, Herceg Novi

CONFERENCE PROGRAM

Wednesday 31st May 2023

15:00 – 17:00 Registration
18:30 – 19:00 Opening of the Conference
Main Hall
Speakers: Irena Petrušić, PhD, Dean of the Faculty of Management – organizer Ivan Otović, President of Assembly, Municipality of Herceg Novi Edvard Jakopin, PhD, University “Union – Nikola Tesla”, Belgrade Karceva Aleksandra, PhD, Head of the Russian-Slavic Intercultural Centre, University under the Inter-Parliamentary Assembly of EurASec, St. Petersburg, Russian Federation Marko Koščak, PhD, Faculty of Tourism, University of Maribor, Slovenia Marko Jurakić, PhD, Vimal Academy, Croatia Đorđije Pavićević, Faculty of Business Economics and Law, Bar Ognjen Bakmaz, PhD, Visoka škola za uslužni biznis, Sokolac Saša Virijević Jovanović, Modern Business School, Belgrade Bojana Ostojić, PhD, Project Management College, Belgrade Rosa Čukić Ćorović, dr.pharm, representative of Montefarm Miloš Kovačević, representative of Tourist Organization Herceg Novi Representative of EPCG Short movie: Herceg Novi

19:00-20:00 Panel discussion

Topic: Contemporary marketing trends in tourism

Moderator:

Nikša Grgurević, PhD, Faculty of Management Herceg Novi

Participants:

Dragan Klarić, PhD, Faculty of Management Herceg Novi

Marko Jurakić, PhD, Vimal Academy Croatia

Vasilije Ćuković, Tourist Organization Herceg Novi

Predrag Vujović, PhD, director of PRA – Public Relations Agency

20:00 – 21:00 Cocktail

Thursday, 1st June 2023

10:00 – 11:00 Plenary sessions (Main Hall)

Speakers

Academician Isak Karabegović, PhD
Robotics As The Basic Technology Of Industry 4.0

Danijela Milošević, PhD
Artificial Intelligence In Healthcare: Case Study Of Children Hemodialysis

11:00-11:30 Coffee break

11.30-14:00 Work in sessions

14:00-15:00 Lunch break

15:00-18:00 Work in sessions

Session I: Main Hall

11:30-12:00 Plenary Session

Speaker: **Željka Radak Kukavičić**

former Director of National Tourist Organization of Montenegro

Hospitality: Basic Factor of Montenegrin Tourist Offer

Moderators: D. Klarić, PhD; D. Radović, MSc; Ž. Vlaović, MSc

GROWTH OF THE TRANSITIONAL COUNTRIES OF SEE BETWEEN TWO RECESSIONS

Edvard Jakopin

DEVELOPMENT OF FINANCIAL REPORTING IN THE FUNCTION OF PUBLIC SECTOR MANAGEMENT

Dragan Vukasović, Ognjen Bakmaz, Darko Martinov

MERGERS AND ACQUISITIONS AS A VALUE CREATION OPPORTUNITY IN ECONOMIC UNCERTAINTY Stefan Koprivica
PROFITABILITY OF COMPANIES FROM BELEX-LINE AND MONEX INDICES – DOES EFFECTIVE TAX RATE MAKE DIFFERENCE Nemanja Karapavlović, Stefan Vržina
ASSESSMENT OF DIGITAL ECONOMY AND SOCIETY INDEX (DESI) DIMENSIONS USING MCDM METHODS Sanela Arsić, Milena Gajić, Đorđe Nikolić, Isidora Milošević, Anđelka Stojanović
TRENDS AFFECTING THE EVOLUTION OF LOGISTICS AND SUPPLY CHAIN SUSTAINABILITY Goran Milovanović, Slavoljub Milovanović, Jovica Stanković
TRENDS IN DIGITAL MANAGEMENT OF HUMAN RESOURCES IN THE HOTEL INDUSTRY Jovan Momirski, Ivana Brdar
MODERN TENDENCIES IN TOURISM Anđela Rašković
NEUROMARKETING RESEARCH AND ITS APPLICABILITY IN THE EFFECTIVE ADVERTISING STRATEGY Aleksandar Mihajlovic, Jelena Gajić, Tamara Papić
IMPORTANCE OF EVENT TOURISM WITH THE EXAMPLE OF TENNIS ASSOCIATION OF MONTENEGRO Dragan Klarić, Dragan Bulatović
14:00-15:00 Lunch break
TRAVEL ADVERTISING IN THE BALKAN POSTERS AND DIGITAL MEDIA Svitlana Pryshchenko – online presentation
COMPETITIVENESS OF THE REPUBLIC OF CROATIA AS A TOURIST DESTINATION AND COMPARISON WITH MONTENEGRO Danijel Carev – online presentation
HIERARCHIES, KNOWLEDGE AND POWER INSIDE ORGANIZATIONS IN PROJECT MANAGEMENT Pinar Başar – online presentation
OPPORTUNITIES FOR THE DEVELOPMENT OF E-SPORTS TOURISM IN MONTENEGRO Đorđina Janković, Aleksandra Govedarica
EVALUATING INTANGIBLE PROJECT MANAGEMENT ASSETS: EMPIRICAL EVIDENCE IN SERBIAN CONTEXT Marijana Bugarčić
HOFSTEDE'S DIMENSIONS OF NATIONAL CULTURE IN THE FUNCTION OF IMPROVING ENTREPRENEURIAL ACTIVITIES Gordana Nikčević
HUMAN RESOURCES MANAGEMENT IN THE FUNCTION OF MORE EFFICIENT OPERATIONS OF BANKS Dejan Antanacković, Srđan Skorup, Ivan Lazović
THE ROLE OF MOTIVATION IN THE MANAGEMENT OF HUMAN RESOURCES IN THE PRIVATE SECTOR Valbone Ramaj, Donike Ramaj
THE IMPORTANCE OF USING E-BANKING IN CUSTOMER SATISFACTION Arber Imeri
THE APPLICATION OF ELECTRONIC COMMERCE TO SMES IN KOSOVO Donike Ramaj
THE IMPACT OF MARKETING ON THE RECRUITMENT PROCESS IN THE INFORMATION AND COMMUNICATION TECHNOLOGY SECTOR IN KOSOVO

Vehbi Ramaj, Donike Ramaj
CUSTOMER SATISFACTION THROUGH RELATIONSHIP MARKETING
Vivianit Fejza
THE ACQUISITION OF INTERCULTURAL COMMUNICATION AND COMPETENCE OF TOURISM MANAGERS
Jagotka Strezovska, Lidija Simonceska
MANAGING THE CHANGES IN OHRID'S HOTEL OFFER THROUGH BOUTIQUE HOTELS
Lidija Simonceska, Jagotka Strezovska
VENTURE CAPITAL FUNDS AS SOURCE OF ALTERNATIVE FINANCING THE GROWTH AND DEVELOPMENT OF STARTUP COMPANIES IN THE REPUBLIC OF SERBIA
Nikola Radosavljević, Cariša Bešić, Gordana Rendulić Davidović, Mirko Pešić – offline presentation
BRANDING OF BELGRADE NIGHTLIFE'S ORGANIC CAPACITY
Enis Hasanbegović, Melisa Alcan, Džemila Beganović, Lejla Zećirović – offline presentation
ACQUA ALTA AS TOURISTIC AND MEDIA SPECTACLE OF VENICE
Melisa Alcan, Enis Hasanbegović, Lejla Zećirović, Danilo Dragović – offline presentation
A CRITICAL REVIEW OF THE INFLUENCE OF SOCIETY, RELIGION AND POLITICS ON CULTURAL-HISTORICAL OBJECTS IN NOVI PAZAR (CASE STUDY OF THE ARAB MOSQUE)
Melisa Alcan, Enis Hasanbegović, Džemila Beganović, Vesna Ravić – offline presentation
SPECIFICITY OF BUSINESS OF HOTEL COMPANIES IN MONTENEGRO
Vasilije Kostić, Duško Milanović – offline presentation
ON THE QUESTION OF THE ESSENCE OF OUTSOURCING SERVICES IN THE CONDITIONS OF A STABLE BALANCED REGIONAL DEVELOPMENT
Vladislav Bessarabov, Larysa Tymchyna
THE EFFECT OF DIGITAL MARKETING ON ATTRACTING NEW STUDENTS IN HIGHER EDUCATION
Bojana Ostojić, Jelena Ružić, Ljiljana Berzeljev, Boris Latinović
INSTITUTIONAL OPPORTUNITIES FOR FASTER DEVELOPMENT OF DIGITAL ENTREPRENEURSHIP
Slaviša Trajković, Krsto Jakšić – offline presentation
RURAL TOURISM AS A DRIVER OF RURAL DEVELOPMENT
Aleksandra Karceva

Session II: Conference Room I
11:30-14:00
Moderators: S. Dragičević, PhD; N. Grgurević, PhD; S. Slavić, MSc
RATIONALIZATION OF ILLUMINATION UNIFORMITY FOR LED LIGHT FITTING AT THE WORKPLACE USING THE DIGITAL SOFTWARE SOLUTION
Darina Dupláková, Ján Duplák, Dejan Kojić, Enes Sukic
THE SPECTACLE IN (PHYSICAL) SPACE: ARCHITECTURE AS A SPECTACLE – SENDAI MEDIATHEQUE AND KANAGAWA INSTITUTE OF TECHNOLOGY
Danilo Dragović, Branko Slavković, Lejla Zećirović
DESIGN OF FLOUR SEMI-FINISHED PRODUCTS TECHNOLOGY FOR HEALTH NUTRITION
Fedinishina Ekaterina Yu., Eliseeva Svetlana A., Barsukova Natalya V.
CONTEMPORARY PROTECTIVE COMPONENTS AND METHODS OF TESTING LOW VOLTAGE ELECTRICAL INSTALLATIONS AS PREVENTIVE FIRE PROTECTION
Nedžad Hadžiefendić, Jovan Trifunović
USE OF OIL RESIDUES FROM OILSEEDS PROCESSING IN FUNGAL PROTEOLYTIC ENZYMES PRODUCTION
Marko Zeljko, Nemanja Špirić, Ida Zahović, Zorana Trivunović, Jelena Dodić
DESIGN OF FLOUR SEMI-FINISHED PRODUCTS TECHNOLOGY FOR HEALTH NUTRITION
Fedinishina Ekaterina Yu., Eliseeva Svetlana A., Barsukova Natalya V

<p>INFLUENCE OF EXTRACTION METHODS ON THE RECOVERY OF PHENOLIC COMPOUNDS FROM DALMATIAN SAGE POSTDISTILLATION WASTE MATERIAL Biljana Damjanović-Vratnica, Nina Tepavčević, Slađana Krivokapić, Svetlana Perović</p>
<p>DEVELOPMENT OF PROGRAMS FOR ADMINISTRATION OF WORK ORDERS IN WIRE PRODUCTION Blagodar Lovčević, Miodrag Milićević, Mladen Lovčević, Stefan Simić – offline presentation</p>
<p>SOLVING PROBLEMS OF MATHEMATICAL PHYSICS EQUATIONS OF THE PARABOLIC TYPE USING FOURIER SERIES Irma Ibrišimović, Elvir Čajić, Ajša Hrustić, Damir Bajrić, Julija Ščekić</p>
<p>ANALYSIS OF VARIANT SOLUTIONS OF THE PEDESTRIAN TIMBER BRIDGE Demir Vatic, Timur Curić, Sanel Husović, Lejla Zecirović</p>
<p>14:00-15:00 Lunch break</p>
<p>OSMOTIC TREATMENT OF NETTLE LEAVES (URTICA DIOICA) IN SUCROSE AND SODIUM CHLORIDE SOLUTION Violeta Knežević, Milica Nićetin, Biljana Lončar, Vladimir Filipović, Ružica Tomičić, Jelena Filipović – online presentation</p>
<p>ANALYSIS OF THE IMPACT OF INDUSTRY 4.0 TECHNOLOGIES ON OCCUPATIONAL SAFETY AND HEALTH Tijana Lazendić, Slobodan Tabaković, Miodrag Hadžistević</p>
<p>MATERIALS IN 3D PRINTING Strahinja Đurović</p>
<p>DEVELOPMENT OF PROGRAMS FOR ADMINISTRATION OF WORK ORDERS IN WIRE PRODUCTION Blagodar Lovčević, Miodrag Milićević, Mladen Lovčević, Stefan Simić – offline presentation</p>
<p>THE CONTEMPORARY FUNCTION OF THE BROWNFIELD- CASE ANALYSIS OF THE MUSIC SCHOOL IN NOVI PAZAR Lejla Zećirović, Melisa Alcan, Enis Hasanbegović, Danilo Dragović, Branko Slavković, Aladin Zećirović – offline presentation</p>

<p>Session III</p>
<p>Conference Room II</p>
<p>11:30-14:00</p>
<p>Moderators: I. Petrušić, PhD; N. Grgurević, PhD, D. Savić</p>
<p>THE INTERWEAVING AND CROSSINGS OF HISTORY AND FICTION IN POSTMODERN LITERATURE: FOWLES'S THE FRENCH LIEUTENANT'S WOMAN AS A REVISIONARY HISTORICAL NOVEL Nataša V. Ninčetović – online presentation</p>
<p>STUDENT ACTIVISM IN THE COMMUNITY - THE ROLE OF THE UNIVERSITY IN THE DEVELOPMENT OF CIVIC ACTIVISM Stanislava Marić Jurišin, Bojana Marković, Borka Malčić</p>
<p>ACTIVITIES OF THE MANAGEMENT OF PENAL INSTITUTIONS IN THE TREATMENT OF CONVICTED PERSONS THROUGH WORK ENGAGEMENT Aco Bobić, Dražan Erkić</p>
<p>"A LITERARY CLINIC": INTERPRETATION AND/OR USE OF LITERARY TEXTS IN BIBLIOTHERAPY Jovana Pavićević</p>
<p>A (POTENTIAL) LIFESPAN OF A METAPHOR: THE CASE OF A BANK Nina Manojlović</p>
<p>STUDENTS' PERCEPTION ON FEMININE NOUNS DENOTING PROFESSION Milena Burić, Milena Lipovina-Božović, Milijana Novović Burić</p>
<p>EXTRA-DUTY EMPLOYMENT OF POLICE OFFICERS Željko Spalević, Ljubiša Konatar</p>

AN ETHICS FOR EMERGING TECHNOLOGIES Ivana Luknar, Filip Jovanović
HANDING OVER THE CHILD AS AN ACTION FOR IMPLEMENTATION OF EXECUTIVE PROCEDURE Jasmina Tahirović, Adis Mehić
MULTI-FACETED IRONY IN KAZUO ISHIGURO'S NOCTURNES Tijana Matović
LANGUAGE AND VISUAL CODES IN A CONTENT INTENSIFICATION FUNCTION: HOW ABOUT JUDGING WOMEN'S MAGAZINES BY THEIR COVERS? Jelena Kitanović, Jovana Bazić, Ana Petrović
IDEOLOGY AND REVERSE SIDE OF MODERN SCIENCE Milojica Štović
14:00-15:00 Lunch break
WAY OF THINKING AND SKILLS AS CHALLENGES IN A TURBULENT BUSINESS ENVIRONMENT Tatjana Mamula Nikolić, Svetlana Kralj – online presentation
SOCIAL AND HUMANITARIAN DIMENSION OF THE MEANING EVOLUTION OF THE RUSSIAN CINEMATOGRAPHY Arkady Rusakov – online presentation
MONTENEGRO AND OPEN BALKAN – ECONOMY OR POLITICS, EUROPEAN OR REGIONAL INTEGRATIONS Mirza Mulešković, Ammar Borančić
ROMA WOMEN IN THE WORLD OF ENTREPRENEURSHIP: OPPORTUNITIES AND CHALLENGES FOR ACTIVE PARTICIPATION AND STRENGTHENING OF THE SOCIO-ECONOMIC RESOURCE BASE Marina Nedeljković, Jovana Škorić
PERSPECTIVES OF HUMANISTIC EDUCATION IN THE CONTRASTS OF MODERN SOCIETY Krsto S. Vuković
TECHNOLOGY AS THE DESTRUCTIVE POWER IN THE POETRY OF THOMAS STEARNS ELIOT Tomislav Pavlović
SYNTHETIC-ANALYTIC DRIFT IN COMPARATIVE FORMATION AS ATTESTED IN COHA Jelena Josijević, Milica Kocović Pajević
INTEGRITY ADVISOR IN THE PUBLIC ADMINISTRATION: HANDLING A REPORTED INCIDENT OF SEXUAL HARRASSMENT Evggelia Kiosi
MOTIVATION FACTORS IN A MARKETING TEAM Anđela Golubović, Saška Stojanović, Milan Gačević, Nikola Đačić
THE THEATRE OF THE OPPRESSED - BETWEEN THEATRE PRACTICES AND TOOLS FOR SOCIAL CHANGE Enis Hasanbegović, Melisa Alcan, Danilo Dragović, Vesna Ravić – offline presentation

Friday, 2nd June 2023

Main Hall /Conference Room II
08:00–10:00 Poster session I
09:00–12:00 Work in sessions
12:00–12:30 Coffee break
12:00-14:00h Poster session II
12.30–14:00 Work in sessions
14:00–15:00 Lunch break

15:00–17:00 Work in sessions
20:30-00:00 Gala dinner

Session IV: Main Hall

09:00 – 12:00 Work in sessions

Moderators: M. Đukanović, PhD / N. Gojgić, PhD; Z. Perušina
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ROBOTIC GRIPPER SIMULATION USING MATLAB SOFTWARE
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Vojislav Vujičić, Nenad Marković, Ivan Milićević

THE USE OF VIRTUAL AND AUGMENTED REALITY IN DIGITAL MARKETING

Svetlana Kralj, Tatjana Mamula Nikolić, Mateja Vukašinović

TEXT-TO-IMAGE AI GENERATOR TOOL ENGINEERING AND PERFORMANCE COMPARISON OF POPULAR MODELS
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Marija Varga, Sonja Golić, Lidija Krstanović, Bojan Banjac

GRAPHICAL INTERPRETATION OF CHARACTERISTICS OF MAGNETIC CIRCUITS, INDUCTION MACHINES AND HEATING OF DIFFERENT TYPES OF ELECTRICAL DRIVES USING GEOGEBRA SOFTWARE SUPPORT
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Miroslav Bjekić, Marko Rosić

SOLVING THE LINEAR PROGRAMMING PROBLEM USING SOFTWARE WINQSB
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Jelena R. Jovanović

INDUSTRIAL ROBOT SELECTION BY USING FUZZY WISP METHOD

Dragiša Stanujkić, Darjan Karabašević, Muzafer Saračević

USING 3D PRINTERS TO IMPROVE SPATIAL VISUALIZATION IN TEACHING ENGINEERING GRAPHICS

Andelija Mitrović, Maja Radović, Milica Tomić
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CLICKER: AN ONTOLOGY DRIVEN PLATFORM FOR E-ASSESSMENT

Maja Radović, Nenad Petrović, Milorad Tošić
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INFORMATION TECHNOLOGIES IN THE FUNCTION OF RISK AND HAZARD IN WATER MANAGEMENT RESOURCES

Ivan Stevović, Mihailo Jovanović – online presentation

GENETIC ALGORITHMS AS ARTIFICIAL INTELLIGENCE SUPPORT TO SUSTAINABLE OPTIMIZATIONS OF COMPLEX SYSTEMS

Ivan Stevović, Jovana Jovanović – online presentation
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PROBDISTID: A WEB-BASED TOOL FOR IDENTIFYING AND PARAMETER ESTIMATION OF PROBABILITY DISTRIBUTIONS
--

Dragiša Miljković, Siniša Ilić, Branimir Jakšić, Dragana Radosavljević – online presentation

CREATION OF ANIMATIONS AND MOVEMENT CONTROL IN FLASH
--

Miodrag Milićević, Blagodar Lovčević, Danijel Čabarkapa – online presentation
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PREDICTION OF HOTEL RESERVATION CANCELLATION BASED ON MACHINE LEARNING MODELS

Katarina Karić, Nenad Stefanović, Katarina Mitrović – offline presentation

12:00-12:30 Coffee Break

Session V: Main Hall

Moderators: J. Jovanović, PhD; D. Bulatović, PhD

12:30 – 14:00 Work in sessions

THE BUILDING TECHNOLOGY OF PASSIVE AND LOW-ENERGY HOUSEHOLDS
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Jovana Jovanović, Ivan Stevović
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<p>THE INFLUENCE OF THE POSITION AND ORIENTATION OF THE APARTMENT ON ITS ENERGY PERFORMANCE Branko Slavković, Budimir Sudimac, Danilo Dragović</p>
<p>WIND POWER PLANT VUČIPOLJE MEASURING CAMPAIGN ANALYSIS Sandra Antunović Terzić, Slobodanka Jelena Cvjetković, Siniša Zorica, Toni Karabatić, Vlaho Cvjetković– online presentation</p>
<p>SUSTAINABILITY IN THE PROSESS OF EDUCATION IN CIVIL ENGINEERING Ivan Stevović, Jovana Jovanović – online presentation</p>
<p>CONNECTION OF PHOTOVOLTAIC SYSTEMS ON THE NETWORK Marinko Lipovac, Siniša Zorica, Slobodanka Jelena Cvjetković, Ivan Papučić, Predrag Đukić–online presentation</p>
<p>WASTE MANAGEMENT: FROM GLOBAL PROBLEM TO SUSTAINABLE SOLUTIONS IN THE LOCAL COMMUNITY Džemila Beganović, Enis Hasanbegović, Melisa Alcan, Lejla Zećirović, Sanel Husović</p>
<p>A REVIEW PAPER ON IOT SOLUTIONS FOR OUTDOOR ENVIRONMENTAL MONITORING Marko Markovic, Goran Markovic, Mladen Koprivica</p>
<p>THE IMPORTANCE OD APPLYING MODERN MECHANIZATION ON POULTRY FARMS IN THE FUNCTION OF SUSTAINABLE DEVELOPMENT IN SERBIA Suzana Knežević, Jelena Ignjatović, Milena Milojević, Goran Stanišić</p>
<p>BIOGAS AS AN ENERGY RESOURCE Mirsad Đonlagić, Dalila Ivanković, Fuad Ćatović – offline presentation</p>

Session VI: Conference Room II
09:00 – 12:00 Work in sessions
Moderators: G. Jovanović, PhD; N. Grgurević, PhD; N. Lučić, MSc
<p>ANALYTICAL SOLUTION FOR NONCENTRAL GENERALIZED OSCILLATOR SYSTEM Hale Karayer, Dogan Demirhan – online presentation</p>
<p>COMPARATIVE ANALYSIS OF THE IMPLEMENTATION OF BASE TECHNOLOGIES INDUSTRY 4.0 IN USA, JAPAN, REPUBLIC OF KOREA, GERMANY WITH CHINA Isak Karabegović, Ermin Husak, Karabegović, Mehmed Mahmić</p>
<p>THE POLLUTANT EMISSIONS ASSESSMENT FROM PERSONAL VEHICLES IN THE REPUBLIC OF SERBIA Mladen Tomić, Miroslav Kljajić, Aleksandar Anđelković, Borivoj Stepanov, Željko Vlaović, Predrag Živković, Nenad Novaković</p>
<p>RADIOACTIVITY MESUREMENTS OF FISH SAMPLES FROM SERBIAN MARKETS Milena Živković, Tijana Veličković, Glorija Ćirković, Tatjana B. Miladinović, Predrag Simović, Dragana Krstić, Aleksa Đurđević</p>
<p>ON TOTAL INTEGRABILITY Branko Sarić</p>
<p>COSMIC RAY FLUX-APPLICATIONS AND MEASUREMENTS Gordana Jovanović</p>
<p>A NOTE ON SYMMETRIC STATISTICAL MANIFOLDS Mirjana Miljević</p>
<p>RESEARCH ON THE CORRECT USE OF ANTIBIOTICS IN DENTISTRY Zoran Tambur, Ema Aleksić, Jovana Milutinović, Stevan Avramov, Adam Malešević, Vladimir Biočanin</p>

<p>PREPARATION AND CHARACTERIZATION OF ACTIVATED CARBON OBTAINED FROM BIO-WASTE USING BASES AS ACTIVATORS Vladimir Dodevski, Sanja Krstić, Hadi Waisi, Milena Rosić, Maria Čebela, Jasmina Popović, Bojan Janković</p>
<p>STRUCTURED LIGHT FOR LASER PROCESSING OF POLARIZATION-SENSITIVE MATERIALS Alexey Porfirev, Svetlana Khonina, Nikolay Ivliev, Denis Porfirev</p>
<p>ON THE MORPHISM THEOREM Dragan Đurčić, Danisa Fatić</p>
<p>12:00 – 12:30 Coffee Break</p>
<p>Session VII: Conference Room II</p>
<p>12:30 – 14:00 Work in sessions</p>
<p>Moderators: I. Petrušić, PhD; J. Poznanović, MSc; D. Milanović, MSc</p>
<p>EVALUATION, SELF-ASSESSMENT AND PEER EVALUATION IN THE FUNCTION OF MONITORING STUDENT ACHIEVEMENTS Damir Mušanović – online presentation</p>
<p>MOTIVATION IN LEARNING ENGLISH AS A SECOND LANGUAGE: CASE STUDY – FACULTY OF MANAGEMENT HERCEG NOVI Irena Petrušić, Jelena Poznanović</p>
<p>CHARACTERISTICS OF DIDACTIC MATERIALS FOR SIMULTANEOUS LEARNING OF ROMANCE LANGUAGES Sladana Stanojević</p>
<p>ASSESSING STUDENT ACHIEVEMENT BY STANDARDIZED TESTS USING INTUITIONISTIC FUZZY SETS Marija Đukić, Vesna Petrović</p>
<p>USING TECHNOLOGY AND ONLINE RESOURCES IN THE CLASSROOM Biljana Vlašković Ilić</p>
<p>THE EDTECH - FRAMING THE FUTURE OF EDUCATION Andreja Mihailović, Ksenija Smolović</p>
<p>ANALYSIS OF THE REPRESENTATION OF INFORMATION TECHNOLOGIES AND EDUCATIONAL SOFTWARE IN THE PEDAGOGICAL STANDARDS OF THE CANTON OF SARAJEVO IN BOSNIA AND HERZEGOVINA Nezir Halilović</p>
<p>14:00 – 15:00 Lunch Break</p>
<p>ACHIEVING AFFECTIVE AND COGNITIVE PRESENCE IN ONLINE LEARNING ACCORDING TO PERCEPTION OF STUDENTS OF ISLAMIC FACULTIES IN BOSNIA AND HERZEGOVINA Tahani Komarica, Nezir Halilović, Fikret Kalabić, Reuf Ibreljić</p>
<p>DEVELOPMENT OF DESIRED COMPETENCES OF MILITARY LEADERS Goran Radovanović – offline presentation</p>
<p>USING ESCAPE ROOMS IN SUPPORTING LEARNING IN STEM COURSES: AN EXAMPLE OF AN ESCAPE ROOM IN GENERAL CHEMISTRY Stanislava Olić Ninković, Jasna Adamov, Branka Radulović – offline presentation</p>
<p>SIGNIFICANT QUANTITATIVE INDICATORS OF STUDENTS' ACHIEVEMENTS IN THE EXAMINATION PERIODS Tatjana Bajić, Ljiljana Stankov, Mira Jovanović, Sanja Vuletić – offline presentation</p>

SIGNIFICANT QUANTITATIVE INDICATORS OF STUDENTS' ACHIEVEMENTS IN THE EXAMINATION PERIODS Tatjana Bajić, Ljiljana Stankov, Mira Jovanović, Sanja Vuletić – offline presentation
MULTIMEDIA TOOLSET DEPLOYMENT IN THE ENGLISH-COURSE PRESENTATION OF DIGITAL AGRICULTURE Tihomir Živić – offline presentation
EMOTIONAL ENGAGEMENT IN LEARNING ENGLISH AS A FOREIGN LANGUAGE DURING COVID-19 PANDEMIC Zrinka Fišer – offline presentation

Poster Session 2nd June
08:00-10:00h Poster Session I
APPLICATION OF ISO 9001:2015 STANDARD IN FREIGHT FORWARDING BUSINESS Dragan Rajković, Aleksandar Marić, Saša Vasiljević
THERMO-HYDRAULIC PERFORMANCE OF A SOLAR DOMESTIC WATER HEATER Snežana Dragičević
ARSENIC (V) REMOVAL FROM WATER USING MAGNETITE NANOPARTICLES BIO-LINKED WITH APPLE PEEL WATER EXTRACT Mirjana Petronijević, Sanja Panić, Aleksandra Cvetanović Kljakić, Nenad Grba, Malcolm Watson, Jasmina Agbaba
SCOPE AND CHALLENGES OF ARTIFICIAL INTELLIGENCE APPLICATION IN ACCOUNTING Milica Djordjević, Bojana Novičević Čečević, Marina Stanojević
THE INFORMATICS ASPECT INTEGRATION OF PROCESSING APPROACH OF QMS Nataša Gojgić, Vesna Ružičić, Marija Nikolić
ALGAL FLORA OF CRVENE BARE PEAT BOG (MT. KOPAONIK, SERBIA) Sanja Šovran, Jovana Stajić, Ana Knežević, Olga Jakovljević, Jelena Krizmanić, Predrag Lazarević
WEB PLATFORM FOR EDUCATION BASED ON GAMIFICATION PRINCIPLES Slavimir Stošović, Nikola Vukotić, Vesna Ristić
CONTEMPORARY DEVELOPMENT OF AN ECOFRIENDLY PRODUCT Miloš Ristić, Milan Pavlović, Biljana Milutinović, Petar Đekić
APPLICATION OF VIRTUAL MODELS IN THE DESIGN OF A ROBOTIC GRIPPER Ivan Miličević, Vojislav Vujičić, Milan Marjanović, Nedeljko Dučić, Marko Popović
TEMPERATURE CONDITIONS INFLUENCE ON THE CHANGE IN THE INITIAL VELOCITY OF THE 6.5 mm GRENDEL PROJECTILE Miloš Pešić, Marko Miljković, Vladimir Kočović, Živana Jovanović Pešić, Nikola Jović, Suzana Petrović Savić, Dragan Džunić
TEMPERATURE PATTERN MEASUREMENTS IN BRIGGS-RAUSCHER OSCILLATORY REACTION WITH THE STATE I TO THE STATE II TRANSITION Marina Simović Pavlović, Tijana Maksimović, Jelena Maksimović, Jelena Senčanski, Aleksandra Radulović, Maja Pagnacco
BIO-MODIFIED UREA-FORMALDEHYDE RESINS: CONTENTS OF FREE AND LIBERATED FORMALDEHYDE Mirjana Ristić, Suzana Samaržija-Jovanović, Vojislav Jovanović, Marija Kostić, Tamara Erceg, Tijana Jovanović, Gordana Marković, Milena Marinović-Cincović
IMPLEMENTATION OF AN ADAPTIVE CONTENT-BASED IMAGE RETRIEVAL SYSTEM FOR SEARCHING IMAGES BASED ON COLOR HISTOGRAMS Nikola Vukotić, Slavimir Stošić
DETERMINATION OF EMULSIFYING PROPERTIES OF BIOPOLYMER PRODUCED ON GLYCEROL-BASED MEDIUM BY LOCAL Xanthomonas ISOLATE Ida Zahović, Jelena Dodić, Zorana Trivunović

<p>NUTRITIONAL AND FUNCTIONAL PROFILE OF WILD GARLIC OSMOTICALLY DEHYDRATED IN SUGAR BEET MOLASSES Milica Nićetin, Violeta Knežević, Filipović Vladimir, Biljana Cvetković, Biljana Lončar, Šobot Kosana, Jelena Filipović</p>
<p>POSSIBILITIES OF CONSTRUCTION IMPROVEMENT OF THE COMBINED VALVE FOR DISTRICT HEATING SYSTEMS Biljana Milutinović, Petar Đekić, Miloš Ristić, Milan Pavlović</p>
<p>ARDUINO BASED REMOTE CONTROL CAR Petar Zidar, Jurica Trstenjak, Bruno Trstenjak</p>
<p>EMOTIONAL INTELLIGENCE AS A SOURCE OF TRANSFORMATIONAL LEADERSHIP BEHAVIORS Nenad Mihajlov, Snežana Mihajlov, Slaviša Stojanović</p>
<p>VIRTUAL POWER PLANT: CHALLENGES AND OPPORTUNITIES Uroš Ilić, Novak Radivojević, Miona Andrejević Stošović</p>
<p>APPLICATION OF ADDITIVE TECHNOLOGIES IN PRODUCT DEVELOPMENT PROCESS OF COOLER FOR RASPBERRY PI Milan Pavlović, Miloš Ristić, Biljana Milutinović, Petar Đekić</p>
<p>SYNTHESIS, CHARACTERIZATION AND KINETIC STUDIES OF NEW MONONUCLEAR RUTHENIUM(II) POLYPYRIDYL COMPLEXES Ana Rilak Simović, Milica Međedović, Biljana Petrović</p>
<p>¹H NMR STUDY OF THE REACTIONS BETWEEN DINUCLEAR PLATINUM(II) COMPLEXES AND GUANOSINE-5'- MONOPHOSPHATE Snežana Rajković, Marija D. Živković, Anđela A. Franich</p>
<p style="text-align: center;">12:00-14:00h Poster Session II</p>
<p>LUMINESCENT PROPERTIES OF PRASEODYMIUM-DOPED PHOSPHATE TUNGSTEN BRONZE Ljubinka Joksović, Tijana Maksimović, Rik Van Deun, Dimitrije Mara, Maja Pagnacco</p>
<p>SYNTHESIS, CHARACTERIZATION AND HSA/DNA INTERACTIONS OF NEW [Rh 2 (CH 3 COO) 4 L 2]] COMPLEX Marija S. Ristić, Maja B. Djukić, Ignjat P. Filipović, Marko D. Radovanović, Zoran D. Matović</p>
<p>SYNTHESIS AND CHARACTERIZATION OF PLATINUM(IV) COMPLEX WITH 2-AMINO-6-CHLOROBENZOTHAZOLE Danijela Lj. Stojković, Verica V. Jevtić, Đorđe S. Petrović, Sandra S. Jovičić Milić</p>
<p>SYNTHESIS, CHARACTERIZATION NOVEL LIGAND AND CORRESPONDING COMPLEX WITH PALLADIUM(II) IONE DNA/HSA BINDING OF PALLADIUM(II) COMPLEX Djordje Petrović, Verica Jevtić, Sandra Jovičić Milić, Maja Djukić, Danijela Stojković</p>
<p>INVESTIGATION OF THE EFFICIENCY OF LEACHING TEST OF TOTAL CHROMIUM IN SILT LOAM Marina Udilanović, Andrija Ćirić, Vesna Krstić</p>
<p>ANTIMICROBIAL ACTIVITY OF Os(II) COMPLEXES CONTAINING N, N, N-INERT LIGANDS DERIVATES OF PYRAZYL-PYRIDINE Jovana V. Bogojeski, Angelina Z. Caković, Biljana Petrović, Snežana Jovanović Stević, Ana Đeković, Snežana Radisavljević, Dušan Ćočić, Snežana Sretenović, Ivana R. Raković, Ivana D. Radojević, Katarina G. Marković, Mirjana Ž. Grujović</p>
<p>METHODS FOR EGFR VARIANTS ANALYSIS IN NSCLC PATIENTS Jasmina Obradović, Vladimir Jurišić</p>
<p>A COMPARISON OF THREE DOSIMETRIC PATIENT QUALITY ASSURANCE TOOLS FOR PRECISION RADIOTHERAPY OF HEAD AND NECK CANCER Tatjana B. Miladinović, Neda Milosavljević, Marija Živković Radojević, Milena Živković, Aleksandar Miladinović, Dragana Krstić</p>
<p>MOLECULAR DOCKING STUDY OF SELECTED NUSBIARYLINS AS POTENTIAL NONCOVALENT INHIBITORS OF SEVERE ACUTE RESPIRATORY SYNDROME CORONAVIRUS 2 MAIN PROTEASE Miloš Nikolić, Ognjen Milić, Nikola Nedeljковиć, Marina Mijajlović, Marko Karović, Dijana Bojović, Ana Živanović</p>
<p>ARYLALKANOIC ACID DERIVATIVES OF NSAIDs AS POTENTIAL INHIBITORS OF MICROGLIAL ACTIVATION IN NEUROINFLAMMATION – MOLECULAR DOCKING STUDY</p>

Nikola Nedeljković, Miloš Nikolić, Marina Mijajlović, Dušan Tomović, Jelena Dimitrijević, Gordana Radić
EVALUATION OF THE BINDING BEHAVIOR OF NUDT5 INHIBITORS WITH ESTROGEN RECEPTORS: MOLECULAR DOCKING STUDY Marina Mijajlović, Nikolina Stanišić, Nikola Nedeljković, Miloš Nikolić, Andriana Bukonjić, Anđela Gogić
RESISTANCE OF BACTERIAL ISOLATES FROM URINE CULTURES TO ANTIBIOTICS Gordana Jovanovic, Ana Vasic, Bojan Damnjanovic, Aleksandra Krsmanovic, Dragica Đurđević-Milošević, Milan Teodorović, Biljana Pavlović
DIFFERENT RESPONSE OF BREAST CANCER CELLS TO IN VITRO INHIBITION WITH PLANT BIO-WASTE Anna Bajek, Dominika Gorzelańczyk, Hanna Piszczek, Jarosław Bajek, Magdalena Olkiewicz, Bartosz Tylkowski
AN EMPIRICAL ANALYSIS OF INCOME CONVERGENCE OF THE EUROPEAN TRANSITION ECONOMIES TOWARDS THE EU-15 Tijana Tubić Ćurčić
COMPARISON FUZZY AND INTERVAL TYPE-2 FUZZY SETS APPROACH IN DECISION FOR DEVELOPING SMART CITIES Mimica Milošević, Dušan Milošević
WINE TOURISM IN NORTHERN CROATIA Antonija Ivančić, Damira Tkalec, Igor Klopotan
LABOR LAW AND SOCIAL ASPECTS OF DISCRIMINATION OF WOMEN IN EMPLOYMENT AND WORK Siniša Bilić, Ivica Opačak, Mate Budimir
NEEDS TO REVIEW AND CHANGE THE UPBRINGING, EDUCATION AND SCHOOL SYSTEM Muzafer Bibić
PSEUDO INTEGRALS FOR FACE RECOGNITION Nebojša Ralević, Andrija Blesić, Julijana Kapor, Kaleo Bogawa
FIXED-POINT THEORY IN DIGITAL METRIC SPACES Nebojša Ralević, Tatjana Dosenović, Marija Paunović, Dejan Čebić, Djordje Dragić
CLASSIFICATION OF DIGITAL OBJECTS BASED ON TOPOLOGICAL AND GEOMETRIC METHODS Andrija Blesić, Nebojša Ralević, Lidija Čomić, Isidora Đurić, Aleksandar Kršić
DETECTION OF CHANGES IN THE IMAGE USING FRACTAL ANALYSIS Natasa Milosavljević, Nebojša Ralević, Ljubo Nedović, Vladimir Ilić, Bratislav Iričanin

20:30-00:00

Gala Dinner

Saturday, 3rd June 2023

City tour

10:30-13:00h

Faculty of Management organizes walking city tour with the guide.

The tour includes visits to the **Tito's Villa** (within the Institute "Dr Simo Milošević" in Igalo), **Njegoš's school** and **House of Ivo Andrić**.