



COAST 2022

INTERNATIONAL CONFERENCE
ON ADVANCES IN SCIENCE AND
TECHNOLOGY

1st International Conference on Advances in Science and Technology

26th to 29th of May 2022

Venue: Hunguest Hotel Sun Resort, Herceg Novi

Conference Program

Thursday 26th of May 2022

15:00 – 17:00 Registration

Main Hall

18:00 – 19:00 Opening of the Conference

Speakers:

Irena Petrušić, PhD, Dean of the Faculty of Management – organizer
Nikša Grgurević, PhD, Vice-dean of the Faculty of Management – organizer

Suzana Koprivica, PhD, University “Union – Nikola Tesla“, Belgrade

Edvard Jakopin, PhD, University “Union – Nikola Tesla“, Belgrade

Dragan Đuranović, PhD, Rector of PIM University, Banja Luka

Arkady Yuryevich Rusakov, PhD, St. Petersburg State University of Film and
Television, Russian Federation

Glagolev Sergey Nikolaevich, PhD rector of Belgorod State Technical University
named after V.G. Shukhov, Belgorod, Russian Federation

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

Nikola Abramović, PhD, Faculty of Business Economics and Law, Bar

Stepan Buikin, PhD, Vise-Rector for International Activity, Yaroslav-the-Vise
Novgorod State University, Russian Federation, Veliky Novgorod

Ognjen Bakmaz, PhD, Visoka škola za uslužni biznis, Sokolac

Bojana Ostojić, PhD, Project Management College, Belgrade

Aneta Vasiljevich Shikaleska, Integrated Business Faculty and Integrated Business
Institute, North Macedonia

Short movie: *Herceg Novi*

20:00 – 21:00

Cocktail

Friday 27th of May 2022

10.00 – 11.00

Main Hall

Plenary sessions

Speakers:

Dušan Đurić, PhD

Crossing the Chasm with Ayzen Theory of Planned Behaviour

Dragan Đurčić, PhD

Characterization of Some Classes of Functions Related to Karamata Theory

11.00 – 11.30

Coffee break

11.30 – 18.00

Work in sessions

Session I: Main Hall

Moderators: D. Milošević, PhD; D. Milanović, MSc / B. Ostojić, PhD; Ž. Vlaović, MSc

ON SUMMABILITY AND INTEGRABILITY

Branko Sarić

FUSED DEPOSITION MODELING IN 3D PRINTING

Strahinja Đurović, Dragan Lazarević, Živče Šarkočević, Milan Blagojević, Bojan Stojčec

FEATURES OF ASSESSING THE COMPETITIVENESS OF CARBIDE METAL-CUTTING TOOLS

Vlada Kolocheva, Nikita Boridko

MODERN HOUSE IN A TRADITIONAL CONTEXT: PERSONAL MANSION OF THE ARCHITECT TOMISLAV MILOVANOVIĆ

Danilo Dragović, Branko Slavković, Julija Aleksić, Lejla Zećirović

ENERGY ASPECTS OF THE FAMILY HOUSE OF ARCHITECT TOMISLAV MILOVANOVIĆ

Branko Slavković, Danilo Dragović, Julija Aleksić

PRACTICAL APPLICATION OF OUT-OF-KILTER ALGORITHM

Irma Ibrišimović, Zoran Jasak, Aldijana Omerović, Elvir Čajić

BENFORD'S LAW AND GOUTEREAU'S CONSTANT

Zoran Jasak

THE IMPACT OF THE GLOBAL PANDEMIC ON ECONOMIC GROWTH AND
STRUCTURAL PERFORMANCE OF THE ECONOMY OF THE REPUBLIC OF SERBIA

Edvard Jakopin

14.00 – 15.00

Lunch break

ECONOMIC PARAMETERS OF EFFICIENCY OF COAL REFINING PLANT
CONSTRUCTION BY DRY X-RAY SEPARATION METHOD – online presentation

Tanja Stanković, Nikola Stanić, Tijana Radojević

APPLICATION OF BUSINESS INTELLIGENCE SOLUTIONS IN TELECOM-OPERATORS'
BUSINESS – online presentation

Saša Stamenković, Tijana Radojević

BIG DATA ANALYTICS FOR HPC ENVIRONMENT – online presentation

**Jovana Dobrova, Verica Bakeva, Vesna Dimitrova, Aleksandra Popovska –
Mitroviki**

COMPARISON OF PROBABILITIES OF UNDETECTED ERRORS OVER BINARY
SYMMETRIC CHANNEL FOR DIFFERENT CRC CODES AND ERROR-DETECTING CODE
BASED ON QUASIGROUPS – online presentation

Lina Lumburovska, Natasha Ilievska

DIGGING AND LOADING WITH DISCONTINUED EQUIPMENT – offline presentation

Požegić Mirzet

ERROR CORRECTION OVER BINARY SYMMETRIC CHANNEL

**Milena Gjorgjievska Perusheska, Aleksandra Popovska-Mitrovikjl, Verica
Baeval**

DEVELOPMENT OF INTERNET OF THINGS SYSTEM FOR IMPROVING MILK
PRODUCTION

Davor Ćorić, Marko Simeunović

SYNTHESIS, CHARACTERIZATION, HSA/DNA BINDING OF NEW PALLADIUM(II)
COMPLEX WITH 2-AMINOTHIAZOLE-5-CARBONITRILE

**Sandra Jovičić Milić, Danijela Stojković, Verica Jevtić, Đorđe Petrović, Maja
Đukić**

VIBRATION EIGENVALUE ANALYSIS USING APPROACH BASED ON GERŠGORIN
THEOREM

Dragana Gardašević, Milanka Gardašević-Filipović

RELIABILITY OF THE SHIP'S MAIN ENGINE SYSTEM

Matija Rašković, Lazar Mrdović, Nikola Marvučić, Špiro Ivošević

SIMULATION OF THE TECHNOLOGICAL PROCESS OF HOT FORGING THE HANDLE HOUSING

Nikola Kostić, Saša Rađenović, Gordana Jović

PRE-PROCESSING PIPELINE FOR PREPARING NON-ENGLISH TEXT DATA FOR COMPUTATIONAL ANALYSIS

Aleksandar Plamenac, Savo Tomović

USE OF ELECTRIC ARC FURNACE SLAG AS AN ADSORBENT FOR Sr²⁺ REMOVAL FROM AQUATIC SOLUTIONS

Irena Nikolić, Milena Tadić, Nevena Cupara, Ivana Milašević, Dijana Đurović

11.30 – 12.00

Conference Room

Plenary session

Speaker

Tatjana Đurišić-Bečanović, PhD

Spatial codes in Montenegrin literature and culture

Session II: Conference Room

Moderators: I. Petrušić, PhD; D. Savić

SOCIOLOGICAL ASPECTS OF RELIGIOUS TOLERANCE IN GLOBAL SOCIETY

Zoran Matevski, Dushka Matevska

THE EPIC HERO AND KATABAZA: POSSIBILITIES OF READING THE ORAL EPIC POETRY

Aleksandra Matić

STUDY OF LITERATURE IN THE FRAMEWORK OF DIGITAL HUMANITIES

Anka Simić

POSSIBILITY OF REACTIVATION OF SUFFIX -ESA (WITHIN THE CONTEXT OF USE OF GENDER NON-DISCRIMINATORY LANGUAGE)

Milena Burić

AMAZEMENT AND STORYTELLING IN *THE NOVEL OF LONDON* BY MILOŠ CRNJANSKI

Časlav Nikolić

DIGITAL TRANSFORMATION IN THE HIGHER EDUCATION SYSTEM: SITUATION, EXPERIENCES, ADVANTAGES, SUCCESSFULNESS AND OPPORTUNITIES OF DISTANCE LEARNING AT THE FACULTY OF AGROBIOTECHNICAL SCIENCES OSIJEK
Tihana Sudarić, Tihomir Živić, Krunoslav Zmaić

PROFESSIONAL IDENTITY AND INTEGRITY IN THE PEDAGOGICAL CONTEXT
Stanislav Marić Jurišin, Bojana Marković

SOCIO-PHILOSOPHICAL UNDERSTANDING OF VALUES AT THE BRINK OF THE NINETEENTH CENTURY AND AT THE BEGINNING OF THE TWENTIETH CENTURY: A SOCIO-HISTORICAL ANALYSIS
Aleksandr Honashvili

MODERN APPROACHES TO EDUCATION IN THE VUCA-WORLD
Olga Kuzminykh

14.00 – 15.00
Lunch break

ONLINE EDUCATION DEVELOPMENT DURING THE PANDEMIC – online presentation
Anna Rumyansteva, Olga Tarutko

ENGLISH FOR SPECIFIC PURPOSES SYLLABUS DESIGN: A CASE STUDY OF THE LANGUAGE COURSE FOR MANAGERS – online presentation
Aleksandar Vuletić, Ljiljana Jovković

THE SCIENTIFIC METHOD OF HUMAN CLONING: LEGAL AND ETHICAL CONSIDERATIONS – offline presentation
Evaggelia Kiosi

FILM LITERACY IN DIGITAL MEDIA REALITY
Arkady Rusakov

CHALLENGES OF ONLINE LEARNING OF SOCIAL WORK STUDENTS DURING THE COVID-19 PANDEMIC
Jovana Škorić, Marina Nedeljković, Marko Škorić

EMOTIONAL SECURITY AT WORK AS A POTENTIAL FORCE IN HUMAN RESOURCES
Lepa Babić, Sandra Dabić

COULD LANGUAGE LEARNING STRATEGIES AND AFFECTIVE FILTERS BE DETERMINANTS OF EFL PROFICIENCY DURING ONLINE LEARNING SETTING? – offline presentation
Zrinka Fišer

USE OF ICT IN TEACHING ENGLISH LANGUAGE
Irena Petrušić, Jelena Poznanović

NATIONAL CULTURE- DETERMINANT OF ENTREPRENEURIAL ACTIVITIES
Gordana Nikčević

LGBT IN BOSNIA AND HERZEGOVINA - CRIMINAL ASPECT IN DISCOVERING AND
PROVING FELONIES
Dražan Erkić, Aco Bobić

Saturday, 28th May 2022

09.00 - 18.00
Work in sessions

Session III: Main Hall

Moderators: D. Bulatović, PhD / S. Kusovac, PhD; N. Lučić, MSc

STUDIES OF CORPORATE ENTREPRENEURSHIP: THE CASE OF WESTERN BALKAN
COUNTRIES

Ljiljana Kontić, Violeta Domanović

ABSENTEEISM - ABSENCE FROM WORK

Dragana Savić

PROCESS - ORIENTED STRATEGIC MAP AS A CAUSE OF THE EMPLOYEES' LOW -
LEVEL MOTIVATION VALUES, CAUSED BY COVID-19 PANDEMIC

Pavle Popović, Dušan Vujović

MODERN WAYS OF IMPROVING THE RELATIONSHIP BETWEEN CAPITAL OWNERS,
MANAGEMENT AND EMPLOYEES

Zoran Ristić, Aleksandar M. Damjanović

SUBCONTRACTOR SELECTION BASED ON FINANCIAL PERFORMANCE INDICATORS

Stefan Koprivica, Goran Ćirović

THE INFLUENCE OF NATURAL CYCLES ON CLIMATE CHANGE

Gordana Jovanović

CHARACTERISTICS OF SERBIAN STARTUP INNOVATION ECOSYSTEM IN THE
FUNCTION OF ECONOMIC DEVELOPMENT OF THE REPUBLIC OF SERBIA– offline
presentation

Nikola Radosavljević, Cariša Bešić, Gordana Rendulić-Davidović

THE INFLUENCE OF KNOWLEDGE, ABILITIES AND MOTIVATION OF HUMAN
RESOURCES ON THE PERFORMANCE OF EMPLOYEES

Nedžad Lajka, Rajko Novičević, Nikola Abramović

STUDENT PROJECTS AS A TOOL FOR IMPROVEMENT OF INNOVATIVE
ENTREPRENEURSHIP OF STUDENTS OF ENGINEERING FACULTIES

Janko Jovanović, Jelena Šaković Jovanović, Aleksandar Vujović, Radoslav Tomović

LEADERSHIP AND EMOTIONAL INTELLIGENCE IN THE FUNCTION OF
IMPROVEMENT OF STRATEGIC POSITION OF ORGANIZATION

Siniša Kusovac

12.00 – 12.30

Coffee Break

NON-PROFIT SECTOR AND PROACTIVE MANAGEMENT OF CHANGE

Siniša Kusovac

THE DIMENSION OF SERVICE QUALITY AND ITS IMPACT ON CUSTOMER
SATISFACTION

Miloš Dašić, Slaviša Trajković

APPLICATION OF WASTE LASER TONER IN RUBBER COMPOUNDS

Biljana Milutinović, Petar Đekić

INVESTIGATION OF THE EFFECT OF THE FRICTION GEOMODIFIER ON THE
PERFORMANCE OF TRIBO- CONJUGATIONS

Alexandr Evseev, Aleksei Antipov

CULTIVATION OF PERENNIAL LEGUMES AS A BASIS FOR SUSTAINABLE
DEVELOPMENT OF AGROCENOSSES

Zoya Kozlova, Vlada Kolocheva

COMPARATIVE ANALYSIS OF ENTERTAINMENT CONTENT CONSUMERS ON
INTERNATIONAL AND REGIONAL LEVELS

Vladislav Schekoldin, Vladislav Shevtsov

ETHNOPARKS AS A STRATEGIC RESOURCE FOR DEVELOPMENT OF CULTURAL
TOURISM

Lubov Zagorskaya, Valeria Nazarkina

THE CONCEPT OF BUSINESS CONTINUITY MANAGEMENT IN THE FUNCTION OF
DEVELOPMENT OF THE RESISTANCE OF THE ECONOMY AND SOCIETY IN
EMERGENCY SITUATIONS

Dražen Božović, Ladin Gostimirović, Oto Iker, Danica Božović

ENERGY REHABILITATION OF ADMINISTRATIVE BUILDING IN THE PROCESS OF
ENERGY OPTIMIZATION

Branko Slavković, Danilo Dragović, Jasmin Suljević

SUSTAINABLE PATTERNS IN VERNACULAR BUILDING
Jasmin Suljević, Branko Slavković, Danilo Dragović

14.00 – 15.00
Lunch Break

ENERGY PRODUCTION FROM SOLID WASTE – online presentation
Mirsad Đonlagić, Dalila Ivanković, Fuad Čatović

DESIGNING OF MANUFACTURING CYCLE OF A COMPLEX PRODUCT USING GANTT CHART – online presentation
Jelena R. Jovanović, Anđelija Mitrović

PRACTICAL BENCHMARKS REGARDING THE ASSESSING OF ABUSIVE CLAUSES IN BUSINESS-TO-CONSUMER CONTRACTS – online presentation
Juanita Goicovici

MAKING STARTUP-STUDIO AS A KEY ELEMENT OF INFRASTRUCTURE TO BACK UP YOUTH ENTREPRENEURSHIP – online presentation
Radygina Svetlana Vladimirovna

PROMOTION OF ORGANIC AGRICULTURE FOR SUSTAINABLE RURAL DEVELOPMENT – online presentation
Vladislav Minin, Vladimir Popov, Anton Zaharov, Sergey Melnikov, Alexander Perekopskiy

GROSS DOMESTIC PRODUCT IN THE HINTERLAND OF SEAPORT AS A BASIC PRECONDITION OF INTERMODAL ACTIVITIES IN THE SEAPORT CASE STUDY – SOUTHEAST EUROPE – online presentation
Dalibor Pelević, Nikola Vukčević, Vladislav Maraš

DEVELOPMENT OF THE CONVENTION AND EXHIBITION INDUSTRY IN RUSSIA: DIVERSIFICATION OF SERVICES – online presentation
Karceva Aleksandra

TERRITORIAL PLANNING FOR SUSTAINABLE DEVELOPMENT OF TOURISM REGION
Elena Ushakova, Marina Tsoy

EVALUATION OF BRAND MEANING AMONG CHILDREN AND ADOLESCENTS
Vladislav Shchekoldin, Marina Tsoy, Mariya Tsoy

MANAGEMENT OF MARKETING MIX INSTRUMENTS IN PHARMACIES DURING THE COVID-19 PANDEMIC – offline presentation
Svetlana Stojkov, Milica Stojanović, Jovana Javorac, Jadranka Đuranović Miličić, Dejan Živanović

OPPORTUNITIES PROVIDED BY THE THERAPEUTICAL POTENTIAL OF A TOURISM AS A TOOL TO SUSTAINABLE ECONOMIC & WELLBEING GROWTH

Valentina Osokina

CHALLENGES OF MANAGERS IN THE AGE OF DIGITALIZATION DURING THE COVID-19 PANDEMIC

Bojana Ostojić, Dragan Bulatović, Jelena Ružić

DIGITAL TECHNOLOGIES IN TOURISM

Natalia Kirsanova

ENERGY EFFICIENCY ANALYSIS OF SOLAR POWERED SHIP - THE CASE OF BOKO-KOTOR BAY

Ilija Knežević, Snežana Dragičević, Draško Kovač, Nemanja Pudar

FINANCIAL REPORTING OF MONTENEGRIN INSURANCE COMPANIES- CHALLENGES OF DIGITAL TRANSFORMATION

Milijana Novović – Burić, Ana Lalević-Filipović, Anđela Jakšić-Stojanović

THE MECHANISM OF ENSURING THE ECONOMIC SECURITY OF BUSINESS ACTIVITY: FEATURES OF THE STRUCTURE AND CONTENT

Vladislav Bessarabov

Session IV: Conference Room

Moderators: N. Grgurević, PhD; J. Poznanović, MSc

IMPROVING ETHYLENE GLYCOL-BASED HEAT TRANSFER FLUIDS BY IONIC LIQUIDS AND BIOCOMPATIBLE MOLECULES

Milan Vraneš, Teona Teodora Borović, Snežana Papović, Jovana Panić, Aleksandar Tot, Nikolett Cako Bagany, Slobodan Gadžurić

INFLATION RATE IMPACT ON THE INVESTMENT RETURNS: A CASE STUDY OF REPUBLIC OF SRPSKA, BiH AND MONTENEGRO

Marko Milošević, Ognjen Bakmaz

SEISMIC ACTIVITIES AND IONOSPHERE REACTION

Gordana Jovanović, Samra Suljević

INVESTIGATION OF TRACTION PROPERTIES OF SMALL-SIZED AGRICULTURAL MACHINERY

Alexandr P. Kartoshkin, Vladimir A. Filimonov, Alexandr I. Fomithev

QUALITATIVE AND QUANTITATIVE ANALYSIS OF CHIRONOMID LARVAE FAUNA FROM THE MAVROVO ACCUMULATION

Eleonora Dimitrevska, Stoe Smiljkov

SYNTHESIS, CHARACTERIZATION NOVEL LIGAND AND THEIR CORRESPONDING COMPLEX WITH PALLADIUM(II) IONE. CRYSTAL STRUCTURE OF S,S-PROPYLENEDIAMINE-*N,N'*-DI-2-(3-METHYL) BUTANOATE ACID HYDRATE DIHYDROCHLORIDE

Dorđe Petrović, Verica Jevtić, Sandra Jovičić Milić, Danijela Stojković, Olivera Klisurić

THE INTERACTIONS OF NEW MONONUCLEAR RUTHENIUM(III) COMPLEXES WITH DNA AND BSA

Biljana Petrović, Ana Rilak Simović, Milica Međedović

DOSIMETERS OF IONIZING RADIATION IN RADIOTHERAPY BASED ON PMOS AND FLOATING GATE MOS TRANSISTORS

Goran S. Ristić, Stefan D. Ilić, Marko S. Anđelković, Russell Duane, Alberto J. Palma

12.00 – 12.30

Coffee Break

PREPARATION AND CHARACTERIZATION OF ACTIVE CARBON FROM BIOWASTE USING ACID – online presentation

Vladimir Dodevski, Milan Kragović, Milena Rosić, Sanja Krstić, Maria Čebela, Marija Stojmenović, Jelena Gulicovski

LEVELS OF RADIOACTIVITY OF NATURAL RADIONUCLIDES AND ¹³⁷Cs ON CHARACTERISTIC LANDFILLS AND NATURAL HABITATS IN SERBIA

Milena Živković, Dragana Krstić, Tatjana B. Miladinović, Filip Grbović, Snežana Branković

THE ROLE OF MODERN BIOTECHNOLOGY IN UNDERSTANDING SARS-COV2 INFECTION

Vladimir Jurišić

INVESTIGATION OF THE EFFECT OF THE FRICTION GEOMODIFIER ON PERFORMANCE INDICATORS OF TRIBO-CONJUGATIONS

Alexander S. Yeseev, Vladimir A. Filimonov

SOME GENERALIZATION RESULTS ON STATISTICAL CURVATURE TENSOR

Mirjana Milijević

14.00 – 15.00

Lunch Break

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

**Poster Section 28th May
11:00-13:00**

A STUDY ON THE EFFECTS OF CONSTRUCTIVE PARAMETERS ON THE PERFORMANCE OF PHOTOVOLTAIC POWER PLANT

Snežana Dragičević, Milan Marjanović, Ivan Milićević, Vojislav Vujičić

INVESTIGATION OF WATER SUBSTITUTION IN Ru^{II} COMPLEXES BY CONCEPTUAL DFT CALCULATIONS APPROACH

Dušan Čočić, Biljana Petrović, Ralph Pauchta

OPTIMISATION AND VALIDATION OF AN ICP-OES METHOD FOR DETERMINATION OF MERCURY IN WASTE WATERS AND WASTE

Marina Uđilanović, Vesna Krstić, Andrija Ćirić

NUMERICAL ANALYSIS OF COVID-19 VIRUS TRANSMISSION IN A VEHICLE

Igor Saveljić, Slavica Macuzić – Saveljić, Nenad Filipović

THE EFFECT OF GLUCOSE ON TOXICITY OF SILVER NANOPARTICLES AND IONS IN *CHLORELLA VULGARIS*

Bruno Komazec, Petra Cvjetko, Danijel Mark Lyons, Biljana Balen, Petra Peharc Štefanić

THE POLICY OF MANAGING OF RAILWAYS IN BOSNIA AND HERZEGOVINA BETWEEN THE LEGISLATIVE, POLITICAL AND SOCIAL CONTEXT

Siniša Bilić, Tomislav Delač, Dalibor Misirača

DESMID FLORA OF OKRUGLICA LAKE (MT. GOLIJA, SERBIA)

Sanja Šovran

ANTICANCER ACTIVITY OF SELECTED β -DIKETONATES

Emilija Milović, Nenad Joksimović, Jelena Petronijević, Nenad Janković, Dejan Baskić

OVERVIEW OF THE GEOGRAPHIC DISTRIBUTION ENDEMIC EARTHWORM *HELODRILUS BALKANICUS PLAVENSIS* (KARAMAN, 1972) OF THE BALKAN

Tanja Trakić, Mirjana Stojanović, Jovana Sekulić, Filip Popović

INFLUENCE OF CRISIS EVENTS ON THE BELGRADE STOCK EXCHANGE

Ivan Lazović, Dejan Antanasković

PRELIMINARY RESULTS OF GENETIC CHARACTERIZATION OF BROWN TROUT FROM THE "TOLIŠNICA" REPROCENTER, SERBIA

Tijana Veličković, Saša Marić, Aleksandra Milošković, Simona Đuretanović, Milena Radenković, Nataša Kojadinović, Vladica Simić

KNOWLEDGEWARE ADVICE PRODUCT MANUFACTURABILITY SYSTEM

Miloš Ristić, Milan Pavlović, Nikola Kostić, Gordana Jović

COMMISSIONING OF ABB COLLABORATIVE ROBOT

Vojislav Vujičić, Milan Marjanović, Ivan Milićević

BIOETHANOL PRODUCTION FROM WHEAT STARCH MILK CONTAINING B-TYPE GRANULES

Vesna Vučurović, Zita Šereš, Žana Šaranović, Jelena Filipović, Vladimir Filipović, Vladimir Puškaš, Uroš Miljić

MARKETING NEW COOKIES WITH THE AIM TO IMPROVE DIET, TOURISM AND THE MODERN LIFESTYLE

Jelena Filipović, Vladimir Filipović, Vesna Vučurović; Biljana Lončar, Violeta Knežević, Milica Nićetin

SYNTHESIS, CHARACTERIZATION, HSA/DNA BINDING OF NEW LIGAND *S,S*-PROPYLENEDIAMINE-*N,N'*-DI--(2,2'-BENZYL) ACETIC ACID AND THERE CORRESPONDING PALLADIUM(II) COMPLEX

Verica Jevtić, Đorđe Petrović, Sandra Jovičić Milić, Danijela Stojković, Maja Đukić

PREDICTING THE IDEAL WEIGHT IN THE PROCESS OF DIALYSIS OF CHILDREN USING ARTIFICIAL NEURAL NETWORKS

Marija Blagojević, Danijela Milošević, Katarina Mitrović, Mirjana Kostić, Dušan Paripović

IMPLEMENTATION OF METAL CUTTING TECHNOLOGY COURSE IN THE VIRTUAL WORLD SECOND LIFE

Anđelija Mitrović, Maja Radović, Jelena Baralić, Jelena Jovanović, Milica Tomić

EFFECT OF USING BIOCOMPATIBLE IONIC LIQUIDS AS COSOLVENTS ON THE REACTIONS OF Rh(III) COMPLEXES WITH 5'-GMP, AND CT-DNA, AS WELL AS ON THEIR CYTOTOXIC EFFECT

Angelina Z. Caković, Dušan S. Čočić, Marko Živanović, Jelena Pavić, Katarina Virijević, Nenad Janković, Milan Vraneš, Jovana V. Bogojeski

CORRELATION BETWEEN METHODS OF ACTIVATION OF MONTMORILONITE K10 AND FORMALDEHYDE CONTENT IN UREA-FORMALDEHYDE COMPOSITES

Mirjana Ristić, Suzana Samaržija-Jovanović, Vojislav Jovanović, Branka Petković, Marija Kostić, Tijana Jovanović, Milena Marinović-Cincović

INTRA-INDUSTRY TRADE IN HIGH-TECHNOLOGY (TECH) PRODUCTS IN SERBIA

Nevena Veselinović, Đorđe Ćuzović

ANTHRARUFIN AS REVERSE TRANSCRIPTASE (RT) INHIBITOR AND POTENTIAL INHIBITOR OF HIV REPLICATION

Ana Kesić, Svetlana Jeremić, Jelena Đorović Jovanović, Zoran Marković

CHARACTERIZATION OF BIO-MAGNETITE NANOPARTICLES SYNTHESIZED USING
Allium cepa PEEL WATER EXTRACT

Mirjana Petronijević, Sanja Panić, Aleksandra Cvetanović, Nenad Grba, Branko Kordić, Nataša Mladenović – Đurišić

AQUATIC SPECIES IN STUDIES OF POTENTIALLY TOXIC ELEMENTS IN WATERS OF
SERBIA

Aleksandra Milošković, Nataša Kojadinović, Milena Radenković, Tijana Veličković; Simona Đuretanić, Vladica Simić

APPLICATION OF AGILE METHODOLOGIES IN EDUCATION

Slavimir Stošović, Petar Ljubić, Vesna Ristić

PROJECT CONCEPT AND BUDGET

Snježana Vujičić

INTRAMOLECULAR AMIDOSELENYLATION IN THE SYNTHESIS OF CONSTRAINED
UNNATURAL AMINO ACIDS

Biljana Šmit, Petar Stanić

NATURAL RUBBER RHEOLOGICAL AND MECHANICAL PROPERTIES PREDICTION
USING MACHINE LEARNING

Jelena Lubura, Predrag Kojić, Bojana Ikonić, Jelena Pavličević, Mirjana Petronijević, Oskar Bera

SYNTHESIS AND PROPERTIES OF POLYURETHANE COATINGS FROM RECYCLED PET
Marija Kostić, Dragica Bolozanov, Jelena Tanasić, Suzana Cakić, Dušica Ilić, Ivan Ristić

CHARACTERISTICS AND SPECIFICS OF MSW IN MONTENEGRIN MARITIME **Ana Radulović**

INFLUENCE OF CULTIVATION TIME ON THE PRODUCTION OF *Trichoderma harzianum* BIOCONTROL AGENT

Ivana Mitrović, Bojan Mitrović, Sonja Tančić Živanov, Božana Purar, Zorana Trivunović, Jelena Dodić

XANTHAN BIOSYNTHESIS ON WINERY WASTEWATERS IN LABORATORY
BIOREACTOR

Zorana Trivunović, Siniša Dodić, Jovana Grahovac, Ivana Mitrović, Jelena Dodić

DECISIONS IN CIVIL PROCEDURE IN THE FUNCTION OF THE EXECUTIVE TITLE

Jasmina Tahirović, Adis Mehić

20.00 – 23.00

Gala Dinner

Sunday, 29th May 2022

09.00 – 13.00

Session IV: Main Hall

Moderators: S. Kusovac, PhD / N. Grgurević; D. Milanović, MSc

NATURE-INSPIRED OPTIMIZATION ALGORITHMS FOR SUPPLY CHAIN
MANAGEMENT PROBLEM: A REVIEW - online presentation

Olga Ristić, Sandra Milunović Koprivica

DIGITAL MARKETING FOR SMES AND PROFESSIONALS BY USING LINKEDIN SOCIAL
NETWORKS WITH INTEGRATED AI SOLUTIONS – online presentation

Nemanja Pajić, Tamara Obradović, Nenad Grujović, Fatima Zivić

THE CONSTITUTION OF THE REPUBLIC OF MACEDONIA ADOPTED IN 1991 AND THE
SOCIO-ECONOMIC RELATIONS

Jelena Trajkovska-Hristovska

ELECTRONIC INVOICE SYSTEM IN THE FUNCTION OF MORE EFFICIENT FINANCIAL
MANAGEMENT – offline presentation

Slaviša Trajković, Miloš Dašić, Milan Deletić

THE 2008 FINANCIAL CRISIS IN THE UNITED STATES, CAUSES AND CONCLUSIONS

Nenad Vitomirović

THE INTEGRATED RISK MANAGEMENT FRAMEWORK IN THE CLIMATE-SMART
RESILIENCE CAPACITY BUILDING

Andreja Mihailović, Edin Garaplija

DIGITAL LEADERSHIP

Pınar Başar

THE IMPACT OF RENEWABLE ENERGY AND ECONOMIC GROWTH ON CO2
EMISSIONS IN THE EU

Nemanja Lojanica

POTENTIAL ECOLOGICAL AND HEALTH RISK ASSESMENT IN SOIL NEAR THE MINE
OF LEAD AND ZINC IN PLJEVLJA MUNICIPALITY (MONTENEGRO)

Nevena Cupara, Dijana Đurović, Irena Nikolić, Ivana Milašević

THE IMPACT OF THE COVID 19 PANDEMIC ON THE ECONOMY OF MONTENEGRO
AND STRENGTHENING THE ROLE OF DECISION MAKERS (STATE)

Mirza Mulešković, Ammar Borančić

TRANSIT ORIENTED DEVELOPMENT MODEL AND TEMPTATIONS

Dušan Radosavljević, Marjana Radosavljević, Jovan Mišić, Stefan Mihajlović

INFLUENCE OF NARROW GROUP INTERESTS ON GENERATION OF ANTI-
INSTITUTIONAL FACTORS IN SEE COUNTRIES

Nikša Grgurević

THE IMPACT OF THE COVID-19 PANDEMIC ON THE IMPROVEMENT OF
TECHNOLOGICAL INNOVATIONS IN THE BANKING SECTOR

Sanja Bakić

AN ADAPTATION OF THE SIMPLE WISP METHOD AND ITS TESTING BY USING
PYTHON

Dragiša Stanujkić, Darjan Karabašević, Muzafer Saračević

13.00 – 17.00

Excursion:

Faculty of Management organizes visit to the old town in Bay of Boka – Perast, for the participants of the COAST 22 (transfer by bus). The town is rich in history, ancient architecture and stunning views.

Perast used to be a town of sailors, while today it is often called the quietest town in Boka., Its narrow streets and numerous, mostly abandoned renaissance, and baroque palaces, testify about the former richness of the Kotor Bay, and the days when there used to be led a luxurious life of its inhabitants.

This program includes visit to the pearl of Adriatic – *Gospa od Škrpjela* / Our Lady of the Rocks Island, by boat.

Costs of the excursion to be borne by the Faculty of Management.