



SYM-OP-IS 2022

PROGRAM RADA

XLIX simpozijum o operacionim istraživanjima

Vrnjačka Banja, Hotel Fontana
19-22. septembar 2022.

PROGRAMME

XLIX Symposium on Operational Research

Vrnjačka Banja, Hotel Fontana
19-22. September 2022.



UNIVERZITET U BEOGRADU
Ekonomski fakultet
UNIVERSITY OF BELGRADE
Faculty of Economics
and Business

PROGRAM

Venue: Hotel Fontana, Vrnjačka Banja, Serbia

Monday, September 19, 2022

14:00 – 16:00	Registration
16:00 – 16:15	Opening Ceremony
16:15 – 17:00	Plenary Session I
17:00 – 17:45	Plenary Session II
18:00 – 19:30	Cocktail

Tuesday, September 20, 2022

09:00 – 10:00	Room A	Room B	Room C
	FIB-1	MER	STK
10:30 – 11:00	Coffee Break		
11:00 – 12:00	In memoriam session		
12:00 – 13:00	Lunch		
13:00 – 19:00	Sightseeing tour		

Wednesday, September 21, 2022

09:00 – 11:00	Room A	Room B	Room C
	GIS	EME	LLS
11:00 – 11:30	Coffee Break		
11:30 – 13:00	Room A	Room B	Room C
	PUO	FIB-2,MEN	HEU-1
13:00 – 15:00	Lunch		
15:00 – 16:30	Room A	Room B	Room C
	NOP	STM,VAO	
16:30 – 17:00	Coffee Break		
17:00 – 19:00	Room A	Room B	Room C
	HEU-2,KOP,GIM	PAN,SSM	IIR,EMU,RGE
20:00	GALA DINNER		

Thursday, September 22, 2022

09:00 – 10:30	Room A	Room B	Room C
	IST,ELP	ANP	MPR
10:30 – 11:00	Closing Ceremony		
12:00	Return to Belgrade		

PROGRAMSKE OBLASTI / TOPICS

ANP – Analiza performansi / Performance Analysis
EMU – Ekološki menadžment i upravljanje prirodnim resursima / Environmental Management and Natural Resources Management
EME – Ekonomski modeli i ekonometrija / Economic Models and Econometrics
ELP – Elektronsko poslovanje / Electronic Business
FIB – Finansije i bankarstvo / Finance and Banking
GIS – Geoinformacioni sistemi / Geoinformation systems
GIM – Grafovi i mreže / Graphs and networks
HEU – Heuristike / Heuristics
IST – Informacioni sistemi i tehnologije / Information Systems and Technologies
IIR – Istraživanje i razvoj / Research and Development
KOP – Kombinatorna optimizacija / Combinatorial Optimization
LLS – Logistika i lanci snadbevanja / Logistics Management and Supply Chains
MPR – Matematičko programiranje / Mathematical Programming
MER – Meko računarstvo / Soft Computing
MEN – Menadžment / Management
NOP – Nauka o podacima / Data Science
PAN – Poslovna analitika / Business Analytics
PUR – Pouzdanost i upravljanje rizikom / Reliability and Risk Management
PUO – Primene OI u odbrani / OR Applications in Military Defence
RGE – Rudarstvo, geologija i energetika / Mining, Geology and Energetics
STK – Saobraćaj, transport i komunikacije / Traffic, Transportation and Communication
SSM – Simulacija i stohastički modeli / Simulation and Stochastic Models
STM – Statistički modeli / Statistical Models
VAO – Višekriterijumska analiza i optimizacija / Multicriteria Analysis and Optimization

Plenary Session 1

Salvatore Corrente

Department of Economics and Business, University of Catania, Italy

Interactive evolutionary multiobjective optimization guided by preference information

Plenary Session 2

Miłosz Kadziński

Poznań University of Technology, Institute of Computing Science, Poland

Recommending multiple criteria decision analysis methods with a new taxonomy-based decision support system

Paralelne sesije / Parallel Sessions

Utorak, 20. septembar / Tuesday, September 20

Finansije i bankarstvo 1 / Finance and Banking 1

Room A, FIB-1, 9.00–10.30

Chair: Marija Koprivica

KRATKOROČNE FLUKTUACIJE REALNOG EFEKTIVNOG DEVIZNOG KURSA ZEMALJA ZAPADNOG BALKANA KAO INDIKATOR DEVIZNOG RIZIKA U FINANSIRANJU MEĐUNARODNOG POSLOVANJA

Aleksandra Đorđević, Ivana Popović Petrović

ANALIZA FINANSIRANJA IZDATAKA UNIVERZITETA ODBRANE ZA NABAVKU ARTIKALA ISHRANE

Milena Knezević, Aleksandra Mitić

TRETMAN INFLACIJE U MODELU DISKONTOVANOG NOVČANOG TOKA

Nina Milenković, Dejan Kokanović

IDENTIFIKACIJA I METODOLOGIJA PROCENE NEMATERIJALNIH ULAGANJA U BANKAMA

Dejan Kokanović, Ognjen Vasiljević, Nina Milenković

TIPOVI PROMENA KONCENTRACIJE U BANKOVNOM SEKTORU SRBIJE: DEKOMPOZICIJA INDEKSA HIRŠMANA-HERFINDALA

Rajko Bukvić

EFEKAT UKLJUČIVANJA INFLACIJE PRI OBRAČUNU REZERVACIJA ZA ŠTETE

Jelena Kočović, Marija Koprivica, Željko Jović

Utorak, 20. septembar / Tuesday, September 20

Meko računarstvo / Soft Computing

Room B, MER, 9.00–10.30

Chair: Milan Stanojević

NEW IDEAS TO SPEED-UP FLOYD-WARSHALL SHORTEST PATHS ALGORITHM

Giuseppe Lancia, Franca Rinaldi

ANALYTIC DESCRIPTION OF FUZZY SET SOLUTIONS TO FUZZY "LP" PROBLEMS

Bogdana Stanojevic, Milan Stanojević

TALENT RECOGNITION IN ELEMENTARY SCHOOL STUDENTS USING NEURAL NETWORKS AND FUZZY LOGIC

Natalija Damjanović, Ivana Dragović, Pavle Milošević

SMS SPAM CLASSIFICATION USING COMPUTATIONAL INTELLIGENCE

Danilo Janjušević, Ivana Dragović, Pavle Milošević

ANALYSIS AND PREDICTION OF NEW INFECTIONS DURING COVID-19 PANDEMIC USING ENSEMBLE ALGORITHMS

Nikola Đorđević, Aleksandar Rakićević and Nemanja Milenković

PRIMENA FAZI KLASIFIKACIJE ZA KATEGORISANJE TENISKIH IGRAČA

Luka Tasić, Ana Poledica, Milica Zukanović

FAZI SISTEM ZA ALGORITAMSKO TRGOVANJE ZASNOVAN NA TEHNIČKOJ ANALIZI

Andrija Matić, Milica Zukanović, Aleksandar Rakićević

Utorak, 20. septembar / Tuesday, September 20

Saobraćaj, transport i komunikacije / Traffic, Transportation and Communication

Room C, STK, 9.00 – 10.30

Chair: Feđa Netjasov

AIRCRAFT ENCOUNTER CHARACTERIZATION: A SCENARIO-BASED SIMULATION APPROACH

Lidia Serrano-Mira, Feđa Netjasov, Luis Pérez Sanz, Javier Alberto Pérez-Castán

A DECISION TREE MODEL FOR AIRPORT ACCESS MODE CHOICE: SERBIAN AIR TRANSPORT MARKET

Katarina Kukić, Slavica Dožić, Danica Babić, Milica Kalić

INFLUENCE OF AUTOMATION CHANGES ON GO-AROUND OPERATIONS: A DATA-DRIVEN APPROACH

Doroteja Timotić, Bojana Mirković, Irene Buselli, Feđa Netjasov, Chen Xia, Christian Eduardo Verdonk Gallego

ODREĐIVANJE RASPOREDA RADA SKLADIŠNIH DIZALICA U LUČKIM KONTEJNERSKIM TERMINALIMA

Miloš Nikolić, Ivana Vukićević Biševac, Jovko Jaćimović, Ivana Jovanović, Katarina Vukadinović, Branka Dimitrijević

PREDVIĐANJE KAŠNJENJA LETOVA U DOLASKU KORIŠĆENJEM MAŠINSKOG UČENJA

Nenad Golubović, Slađana Janković, Ana Uzelac, Snežana Mladenović

PREDIKCIJA POSLEDICA SAOBRAĆAJNIH NEZGODA POMOĆU MODELA BAZIRANOG NA ALGORITMU LOGISTIČKE REGRESIJE

Predrag Grozdanović, Katarina Kukić, Ana Uzelac, Slađana Janković

ANALYSIS OF METEOROLOGICAL CONDITIONS FOR POTENTIAL AIRPORT DEVELOPMENT

Nikola Lukačević, Bojana Mirković, Ana Uzelac, Katarina Kukić

Sreda, 21. septembar / Wednesday, September 21
Geoinformacioni sistemi / Geoinformation systems
Room A, GIS, 09.00 – 11.00
Chair: Radoje Banković

RAD SA PROSTORNIM PODACIMA

Saša Bakrač, Boris Vakanjac, Dejan Đorđević, Ivan Potić, Siniša Drobnjak

MODEL UPOTREBE PRENOSNIH TABLET RAČUNARA U POSTUPKU PROVERE I DOPUNE SADRŽAJA TOPOGRAFSKIH KARATA

Siniša Drobnjak, Marko Stojanović, Nenad Galjak, Dejan Đorđević

KORIŠĆENJE MAŠINSKOG UČENJA ZA PROCENU VREDOSTI STANOVA U GIS OKRUŽENJU

Stanislava Bosiočić, Zoran Srdić, Dragan Savić

UTICAJ VOJNIH INTERNET STVARI NA GEOPROSTORNU ANALIZU BOJIŠTA

Ivan Vulić, Radomir Prodanović

OPTIMIZACIJA PROFESIONALNIH MALIH BESPILOTNIH LETELICA ZA POTREBE GEODEZIJE I GIS-A

Radoje Banković, Boban Milojković, Dragoljub Sekulović, Miloš Basarić, Ivan Garić

MULTICRITERIA DECISION MODEL OF FOREST RISK ASSESSMENT BY GIS APPLICATION

Ljubomir Gigović, Darko Lukić, Nenad Galjak, Dragoljub Sekulović

REMOTE MONITORING OF ENERGY PLANT STATE

Nenad Galjak, Miroslav Vujasinović, Miodrag Regodić, Miloš Blagojević

SATELLITE OBSERVATION WITH COPERNICUS PROGRAM

Nenad Galjak, Miroslav Vujasinović, Miodrag Regodić, Slađana Stanišić

CARTOGRAPHIC GENERALIZATION OF SETTLEMENTS ON TOPOGRAPHIC MAPS

Marko Simić, Marko Stojanović, Radoje Banković, Jasmina Jovanović, Tanja Janković, Marija Stojanović

Sreda, 21. septembar / Wednesday, September 21

Ekonomski modeli i ekonometrija / Economic Models and Econometrics

Room B, EME, 09.00 – 11.00

Chair: Zorica Mladenović

GDP GROWTH DETERMINANTS IN SELECTED POST-TRANSITION EUROPEAN COUNTRIES

Milutin Ješić

BAYESIAN APPROACH IN ANALYSIS OF THE EFFECTS OF REGULATORY FOCUS ON CONSUMER DECISION-MAKING

Lazar Čolić, Ivana Prica

STATISTICAL PROPERTIES OF THE LIMIT ORDER BOOK OF THE NASDAQ STOCK MARKET

Dragana Radojičić, Nina Radojičić, Željko Jović

THE LINK BETWEEN TECHNICAL AND TECHNOLOGICAL PROGRESS, THE DEVELOPMENT OF NEW DIGITAL SERVICES FOR PUBLIC SECTOR GOVERNANCE AND ECONOMIC DEVELOPMENT

Petra Vujković

FISKALNI I TEKUĆI BILANS U ZEMLJAMA CIE: PRIMENA DINAMIČKOG PANEL MODELA

Jelena Rašković

RANJIVOST MLADIH U SRBIJI

Gorana Krstić, Aleksandra Anić

ULOGA OPERACIONIH ISTRAŽIVANJA U EKONOMIJI: BIBLIOMETRIJSKA ANALIZA SRPSKIH ISTRAŽIVAČKIH REZULTATA

Mladen Stamenković

DETERMINANTE STOPE VIŠKA SMRTNOSTI PO ZEMLJAMA U PERIODU PANDEMIJE COVID-19

Aleksandra Nojković, Miloško Arsić, Emilija Maksimović

OCENA PERZISTENTNOSTI INDEKSA NEIZVESNOSTI EKONOMSKE POLITIKE: NEKI EMPIRIJSKI REZULTATI

Zorica Mladenović

Sreda, 21. septembar / Wednesday, September 21

Logistika i lanci snabdevanja / Logistics and Supply Chain Management

Room C, LLS, 09.00 – 11.00

Chairs: Milorad Vidović, Branka Dimitrijević

DEFINISANJE SKUPA FAZI PRAVILA U FAZI SISTEMU ZA IZBOR SNABDEVAČA

Gordana Radivojević, Milica Mitrović, Dražen Popović

INTEGRATING BLOCKCHAIN INTO SUPPLY CHAIN MANAGEMENT

Milan Todorović, Luka Matijević

EVOLVEMENT OF BLOCKCHAIN IN SUPPLY CHAINS

Anđela Đorđević

IDENTIFICATION OF RISK IN SUPPLY CHAINS

Tamara Bojanić, Branislav Stevanov, Nenad Novaković

SUSTAINABLE SUPPLY CHAIN MANAGEMENT

Milica Grujić, Aleksandar Đukić

DYNAMIC DISCRETE INVENTORY CONTROL MODEL IN MULTISTOP DELIVERY MODE FOR TWO WAREHOUSES

Slobodan Antić, Lena Đorđević Milutinović

APPLICABILITY OF INDUSTRY 4.0 TECHNOLOGIES IN LOGISTICS CENTERS

Snežana Tadić, Smiljka Miškić, Željko Stević, Mladen Krstić

IMPACT OF LOCATION ON DELIVERY DURATION IN URBAN AREAS

Mladen Krstić, Miloš Veljović, Snežana Tadić, Slobodan Zečević

AN APPROACH TO OPTIMAL SCHEDULING OF COLLECTION VEHICLES FOR CONSTRUCTION AND DEMOLITION WASTE

Milorad Vidović, Nenad Bjelić, Branislava Ratković

Sreda, 21. septembar / Wednesday, September 21

Primene OI u odbrani / OR Applications in Military Defence

Room A, PUO, 11.30 – 13.00

Chair: Dalibor Petrović

VARIATION OF THE RESULTS OF MULTI-CRITERIA SELECTION DEPENDING ON APPLIED MULTI-CRITERIA DECISION MAKING METHOD

Srđan Ljubojević, Srđan Dimić, Dragan Kostadinović, Aleksandar Gošić

MULTI-CRITERIA ANALYSIS IN DEVELOPMENT OF ACADEMIC STUDY PROGRAMS FOR EXPERTISE ON HAZARDOUS MATERIALS SAFETY AND PROTECTION

Jovica Bogdanov, Zoran Bajić, Zlate Veličković, Mihael Bučko

DEFINING CRITERIA FOR IDENTIFYING SECURITY CHALLENGES, RISKS AND THREATS USING THE MATHEMATICAL MODEL OF MULTICRITERIA DECISION MAKING

Dragan Bojanić, Marina Bojanić, Vladimir Ristić

MODEL RECENZIJE NAUČNOISTRAŽIVAČKIH PROJEKATA U MINISTARSTVU ODBRANE I VOJSCI SRBIJE

Srđan Dimić, Srđan Ljubojević, Dragan Kostadinović

ODREĐIVANJE VELIČINE POPREČNOG PRESEKA ELASTIČNE GREDE BEZLEŽAJNOG ROTORA BESPILOTNOG HELIKOPTERA

Dalibor Petrović, Vladimir Stanković, Ivan Mudri

Sreda, 21. septembar / Wednesday, September 21

Finansije i bankarstvo 2 / Finance and Banking 2, Menadžment / Management

Room B, FIB-2, MEN, 11.30 – 13.00

Chair: Miloš Božović

INFLUENCE OF SOCIO-CULTURAL CHARACTERISTICS OF CONSUMERS ON THE PURCHASE OF GLOBAL BRANDS

Stefan Zdravković, Aleksandar Jovanović

OPTIMIZATION OF THE PORTFOLIO OF PRIME LISTING SHARES OF THE BELGRADE STOCK EXCHANGE

Zoran Popović, Aleksandar Božović

CAN A DYNAMIC CORRELATION FACTOR IMPROVE THE PRICING OF INDUSTRY PORTFOLIOS?

Miloš Božović

EFFECTS OF APPLICATION OF DIGITAL TECHNOLOGIES IN INSURANCE

Nevena Petrović

HETEROGENEOUS EXPECTATIONS OF INVESTORS AND STOCK PRICES

Dragana Draganac

ZELENE OBVEZNICE U EU – ANALIZA DETERMINANTI PRINOSA

Irena Jankovic, Vladimir Vasić, Jelena Basarić

Sreda, 21. septembar / Wednesday, September 21

Heuristike 1 / Heuristics 1

Room C, HEU-1, 11.30 – 13.00

Chairs: Zorica Stanimirović, Dragan Urošević

PRIMENA KARUSEL HEURISTIKE NA PROBLEM RUTIRANJA VOZILA

Jana Vugdelija, Dragana Makajić-Nikolić

BEE COLONY OPTIMIZATION FOR MULTI-LABEL FEATURE SELECTION

Luka Matijević

THE MODIFIED U-GRASP METHOD FOR THE TWO-DIMENSIONAL VECTOR BIN PACKING PROBLEM

Đorđe Stakić, Ana Anokić

IMPROVED VARIABLE NEIGHBORHOOD SEARCH FOR FUZZY CLUSTERING ON COMPLEX NETWORKS

Filip Vidojević, Lazar Mrkela, Dušan Džamić, Miroslav Marić

COMPARATIVE ANALYSIS OF GREEDY CONSTRUCTIVE HEURISTICS FOR SOLVING CAPACITATED VEHICLE ROUTING PROBLEM

Anđela Đorđević, Milan Stanojević

METODA PROMENLJIVIH OKOLINA ZA PROBLEM P-REZERVNOG CENTRA

Jelena Tasić, Zorica Stanimirović

Sreda, 21. septembar / Wednesday, September 21

Nauka o podacima / Data Science

Room A, NOP, 15.00 – 16.30

Chair: Jasna Soldić Aleksić

WIND POWER PREDICTION USING MACHINE LEARNING AND AI: A CASE STUDY

Israt Haque Zarin, Hasnain Hasnain, Amzad Hossain, Md Abu Helal, Viswanath Ramakrishna

ALGORITHM FOR VISUAL ASSESSMENT OF THE CLUSTERING TENDENCY WITH SPECIAL DISTANCE MEASURES

Guzel Shkaberina, Lev Kazakovtsev, Natalya Rezova, Ivan Rozhnov

IMPROVING QUALITY OF CONVOLUTIONAL NEURAL NETWORK MODELS FOR OFFLINE SIGNATURE VERIFICATION

Siniša Stanivuk, Dejan Simić

PRIMENA STABALA ODLUČIVANJA U ANALIZI UZROKA I VRSTA SAOBRAĆAJNIH NEZGODA NA TERITORIJI REPUBLIKE SRBIJE

Aleksa Maksimović, Vladica Stojanović

NEKI ASPEKTI DEMOKRATIZACIJE NAUKE O PODACIMA

Jasna Soldić Aleksić, Rade Stankić, Biljana Chroneos Krasavac

THE PARETO PRINCIPLE AS A UTILITY MEASURE OF MACHINE LEARNING MODELS

Boris Delibašić, Sandro Radovanović, Andrija Petrović, Milija Suknović

Sreda, 21. septembar / Wednesday, September 21

Statistički modeli / Statistical Models

Višekriterijumska analiza i optimizacija / Multiple Criteria Analysis and Optimization

Room B, STM, VAO, 15.00 – 16.30

Chair: Vesna Rajić

ANALIZA BROJA OBOLELIH OD VIRUSA COVID-19 U SRBIJI PRIMENOM ARIMA MODELA

Emilija Maksimović

ANALIZA VARIJABILITETA PRIHODA U ZDRAVSTVENIM USTANOVAMA - NA PRIMERU PRIVATNIH BOLNICA U BEOGRADU

Vesna Rajić, Tatjana Rakonjac-Antić, Ivana Ivković, Jasna Babić

BENFORD'S LAW APPLICATION ON ATTRACTING INVESTMENT AND NEW EMPLOYMENT IN THE REPUBLIC OF SERBIA DURING THE PERIOD OF 2016-2022

Jelena Stanojević, Milena Lutovac Đaković, Željko Jović

QUALITY EVALUATION OF CLUSTERING RESULTS: SILHOUETTE COEFFICIENT

Milan Stamenković, Marina Milanović

STATISTICAL CLASSIFICATION OF NON-ECONOMIC FACTORS IN THE FUNCTION OF IMPROVING BUSINESS EFFICIENCY IN BANKING OPERATIONS

Nina Uremović, Mirjana Landika, Jana Aleksić, Maja Đurić

OMNI-CHANNEL RETAIL: MULTIPLE CRITERIA DECISION AIDING APPROACH

Mladen Stamenković, Dragan Stojković, Aleksa Dokić

Sreda, 21. septembar / Wednesday, September 21

Heuristike 2 / Heuristics 2

Kombinatorna optimizacija / Combinatorial Optimization

Grafovi i mreže / Graphs and networks

Room A, HEU-2, KOP, GIM, 17.00 – 19.00

Chairs: Dragan Urošević, Zorica Stanimirović

THE CHOICE OF HEURISTICS FOR FORMATION OF PARTIAL LOGICAL RULES IN THE METHOD OF LOGICAL ANALYSIS OF DATA

Roman Kuzmich, Alena Stupina, Katerina Ponomareva, Vladislav Stasiuk

HYBRID OPTIMIZATION ALGORITHMS BASED ON GREEDY HEURISTICS AND THE BRANCH-AND-BOUND METHOD FOR LOGICAL ANALYSIS OF DATA

Igor Masich, Lev Kazakovtsev, Alena Stupina, Ekaterina Kraeva

ALTERNATIVE LOCAL SEARCH ALGORITHMS IN GREEDY HEURISTIC ALGORITHMS FOR THE P-MEDIAN PROBLEM

Lev Kazakovtsev, Ivan Rozhnov, Guzel Shkaberina, Alena Stupina, Igor Masich

ANALIZA SIMETRIJE U EKONOMSKOM SISTEMU PRE, TOKOM I POSLE EKONOMSKE KRIZE PRIMENOM TEORIJE GRAFOVA

Vojin Stević, Marija Rašajski, Marija Mitrović Dankulov

SOME PAIRS AND TRIPLETS OF EQUIENERGETIC GRAPHS

Irena Jovanović

METRIC DIMENSION OF COMPLETE SPLIT GRAPHS

Milica Milivojević Danas, Jozef Kratica

OCCURRENCE OF FIBONACCI AND LUCAS SEQUENCES IN COUNTING RESTRICTED PERMUTATIONS

Vladimir Baltić

A REVERSE RANDOMIZED GREEDY ALGORITHM FOR THE MINIMUM POSITIVE INFLUENCE DOMINATING SET PROBLEM IN SOCIAL NETWORKS

Kristina Kostić, Zorica Stanimirović

Sreda, 21. septembar / Wednesday, September 21

Poslovna analitika / Business Analytics

Simulacija i stohastički modeli / Simulation and Stochastic Models

Room B, PAN, SSM 17.00 – 19.00

Chairs: Gordana Savić, Dragan Azdejković

THE COVID-19 INFLUENCE ON SMES IN A DEVELOPING COUNTRY: A DELPHI METHOD

Mimoza Arifi, Violeta Cvetkoska

DETERMINING ENTREPRENEURS' PREFERENCES TOWARDS ONLINE MARKET RESEARCH USING CHOICE-BASED-CONJOINT ANALYSIS

Ognjen Nikolić, Marija Kuzmanović

TESTING ANALYTICS

Dragan Azdejković, Slavica Manić

EVALUACIJA UTICAJA PANDEMIJE COVID-19 NA POTRAŽNJU ZA PIVOM U REPUBLICI SRBIJI

Ognjen Anđelić, Zoran Rakićević, Aleksandar Rakićević

BOUNDS ON THE COUPON COLLECTOR PROBLEM

Jelena Jocković, Bojana Todić

THE SIMULATION MODEL OF BLOCKCHAIN TRANSACTION

Ana Savić, Hana Stefanović, Goran Bjelobaba, Nikola Popović

PREPARATION OF THE SIMULATION ON THE SHIP SIMULATOR NAVI-TRAINER PROFESSIONAL 5000

Milan Kresojević, Slobodan Radojević

Sreda, 21. septembar / Wednesday, September 21

Istraživanje i razvoj / Research and Development

Ekološki menadžment i upravljanje prirodnim resursima / Environmental Management and Natural Resources Management

Rudarstvo, geologija i energetika / Mining, Geology and Energetics

Room C, IIR, EMU, RGE 17.00 – 19.00

Chair: Đorđe Stakić

THE SERBIAN CLIMATE CHANGE ACT: THE PERSPECTIVE OF IMPLEMENTATION OF CARBON CAPTURE AND STORAGE PROJECTS IN THE OIL AND GAS INDUSTRY

Serguei Fominykh

RANKING OPEN-PIT MINES USING EDAS++ METHOD

Željko Praštalo, Anđelka Štilić, Stevan Ćorluka, Pavle Stjepanović

THE ROLE OF SMART SPECIALISATION STRATEGY IN ECONOMIC RECOVERY AND SUSTAINABLE DEVELOPMENT IN THE POST COVID-19 ERA

Dijana Štrbac, Nikola Vasilić

GAPS AND NEEDS ANALYSIS OF RESEARCH INFRASTRUCTURES IN THE WESTERN BALKAN REGION

Lazar Živković, Đuro Kutlača

PRILOG METODOLOGIJI PRAĆENJA REALIZACIJE 4S – POUKE PRAKSE EU

Dušica Semenčenko, Đuro Kutlača

GOING GREEN IN DIGITAL BANKING: A CASE STUDY

Jovan Trtica, Jelena Andreja Radaković

PRISTUPI, TEHNIKE I METODE OPERACIONIH ISTRAŽIVANJA U SMANJIVANJU RIZIKA OD KATASTROFA

Jelena Andreja Radaković, Dragana Makajić-Nikolić

MERENJE EFIKASNOSTI NACIONALNIH SISTEMA ZASNOVANO NA TRIPLE HELIX MODELU

Milica Jovanović, Gordana Savić, Maja Levi-Jakšić, Milan Martić

Četvrtak, 22. septembar / Thursday, September 22

Informacioni sistemi i tehnologije / Information Systems and Technologies

Elektronsko poslovanje / Electronic Business

Room A, IST, ELP, 09.00 – 10.30

Chair: Nina Turajlić

PRIMENA BENCHMARKDOTNET BIBLIOTEKE U MERENJU PERFORMANSI ALATA ZA OBJEKTNO-RELACIONO PRESLIKAVANJE .NET OKVIRA

Tijana Milošević, Saša D. Lazarević, Tatjana Stojanović

TRANSFORMACIJA LOGIČKE SCHEME BAZE PODATAKA: OD RELACIONOG (T-SQL) MODELA DO DOKUMENTACIONO-ORIJENTISANOG (MONGODB)

Nemanja Radulović, Tatjana Stojanović, Saša D. Lazarević

GENERATOR PROGRAMA – LUČA

Siniša Vlajić, Vojislav Stanojević, Miloš Milić, Ilija Antović, Dušan Savić

POSLEDICE PRIMENE DIGITALNE KOLABORACIJE

Rajko Ivanišević

THE INFLUENCE OF INTERNET PLATFORMS FOR COMMUNICATION ON LEARNING AND EDUCATION OUTCOMES

Aleksandra Zečević, Đorđe Stakić

ELEKTRONSKO POSLOVANJE U ŽELEZNIČKOM SAOBRAĆAJU

Zoran Pavlović

Četvrtak, 22. septembar / Thursday, September 22

Analiza performansi / Performance Analysis

Room B, ANP, 09.00 – 10.30

Chair: Gordana Savić

PRODUCTIVITY OF LEADING R&D ENTERPRISES IN THE WORLD-LEADING ECONOMIES: A META-FRONTIER APPROACH

Aleksander Aristovnik, Guoliang Yang, Yaoyao Song, Dejan Ravšelj

ANALIZA INDEKSA PERFORMANSI PROCESA U KOMPANIJAMA U SRBIJI

Dragana Stojanović, Ivan Tomašević, Barbara Simeunović, Dragoslav Slović

ANALIZA POKAZATELJA PERFORMANSI UPRAVLJANJA PRIHODIMA U RESTORANIMA

Branislava Hristov Stančić, Bojan Zečević, Igor Kovačević

ODREĐIVANJE NAJVAŽNIJIH KRITERIJUMA PRILIKOM SELEKCIJE KANDIDATA U IT INDUSTRIJI PRIMENOM MACBETH METODE

Tijana Nanuševski, Anđela Mrdak, Bisera Andrić Gušavac, Milena Popović

ANALIZA EFIKASNOSTI KOMPANIJA U STICANJU KONKURENTSKE PREDNOSTI PRIMENOM DEA METODE

Ivona Jovanović, Milan Radojičić, Gordana Savić

Četvrtak, 22. septembar / Thursday, September 22
Matematičko programiranje / Mathematical Programming
Room C, MPR, 09.00 – 10.30
Chair: Zorica Stanimirović

Invited speaker of the session

RELEVANT REASONING

Mirjana Ilić

Regular Communication

DIRP MODEL PREDIKCIJE SKUPA BROJEVA

Siniša Vlajić, Dušan Savić, Ilija Antović, Miloš Milić, Vojislav Stanojević

A PARAMETRIC SOLUTION TO WEIGHTED SUM BI-CRITERIA MODELS

Moshe Eben-Chaime

