



**BUSINESS AND TECHNICAL COLLEGE
OF APPLIED SCIENCES
U Ž I C E**

FINAL PROGRAMME

of IX International Scientific Conference

‘SCIENCE AND HIGHER EDUCATION IN FUNCTION OF SUSTAINABLE DEVELOPMENT - SED 2016’

The reception of guests will take place in the director’s office and staffroom on **30th September 2016, from 10.00 – 10.30.**

FIRST DAY - Friday, 30th September 2016	Time
Entrance hall - Registration of conference participants	09.00 – 11.00
Amphitheatre 302 - Opening of conference and welcome speeches	11.00 – 11.30
Amphitheatre 302 – Plenary session	
1. Mihailo Timotijević , Full Professor Faculty of Architecture, Belgrade <i>‘Urban Renewal of City of Užice’</i>	11.30 – 11.45
Staffroom and director’s office – Gala cocktail	11.45 – 12.30
Amphitheatre 302 – Plenary session	
2. Ljubodrag Tanović Full Professor Faculty of Mechanical Engineering, Belgrade <i>‘Challenges in the Field of Higher Education’</i>	
3. Živko Stelja , PhD High School of Applied Sciences - Belgrade Polytechnics <i>‘Students’ Withdrawal from Higher Education Institutions and Relationship Marketing as a Possible Solution to the Problem’</i>	12.30 – 13.15
4. Dejan Blagojević , PhD College of Applied Technical Sciences, Niš <i>‘Contribution of Innovations to Development of New Mission of Higher Education’</i>	
Break	13.15 – 14.00
Paper sessions	14.00 – 18.00
Gala dinner at ‘Tabana’ restaurant	19.00
SECOND DAY - Saturday, 1st October 2016	
Trip to Andrićgrad and the Dobrun monastery, with lunch in Andrićgrad	10.00 -16.30

It is our great pleasure to invite you to take part in the conference. Best regards!

President of Organizing Committee
Professor Ivana Čirović, PhD
Director of **BTC Užice**

SCIENTIFIC COMMITTEE

1. Milan Antonijević, PhD, Full Professor, School of Science, University of Greenwich, England (United Kingdom)
2. Nebojša Kovačević, PhD, Director of the Geotechnical Consulting Group, London (United Kingdom)
3. Srećko Stopić, PhD, Scientific Engineer, IME Process Metallurgy and Metal Recycling, RWTH Aachen University (Germany)
4. Milivoje Kostić, PhD, Full Professor, Department of Mechanical Engineering, Northern Illinois University (USA)
5. Radovan Kovačević, PhD, Full Professor, Southern Methodist University, Dallas, TX (USA)
6. Zdenko Tkač, PhD, Full Professor, Dean of the Faculty of Engineering, Slovak University of Agriculture, Nitra (Slovakia)
7. Hristo Hristov, PhD, Full Professor, Vice-Rector, Technical University of Gabrovo, Faculty of Mechanical Engineering, Gabrovo (Bulgaria)
8. Petar Kolev, PhD, Full Professor, VTU 'Todor Kobleskov', Sofia (Bulgaria)
9. Mátyás Ando, PhD, Full Professor, Institute of Mechanical Engineering Technology, Szent István University, Budapest (Hungary)
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11. Radivoje Bratić, PhD, Full Professor, Faculty of Architecture and Civil Engineering, University of Banja Luka (Republic of Srpska, Bosnia and Herzegovina)
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13. Radivoje Mitrović, PhD, Full Professor, Faculty of Mechanical Engineering, Belgrade University (Serbia)
14. Ljubodrag Tanović, PhD, Full Professor, Faculty of Mechanical Engineering, Belgrade University (Serbia)
15. Aleksandar Obradović, PhD, Full Professor, Faculty of Mechanical Engineering, Belgrade University (Serbia)
16. Branimir Jovančičević, PhD, Full Professor, Dean of the Faculty of Chemistry, Belgrade University (Serbia)
17. Boban Stojanović, PhD, Docent, Faculty of Science, University of Kragujevac (Serbia)
18. Ratko Nikolić, PhD, Full Professor, corresponding member of the Academy of Engineering Sciences of Serbia, Faculty of Agriculture, University of Novi Sad, Higher Education Technical School of Professional Studies, Novi Sad (Serbia)
19. Nenad Šušić, PhD, Research Professor, IMS Institute Belgrade (Serbia)
20. Petar Bojović, PhD, Associate Professor, Faculty of Industrial Management, Kruševac (Serbia)
21. Ljubica Diković, PhD, Professor of Vocational Studies, Business and Technical College of Applied Sciences, Užice (Serbia)
22. Milutin Đuričić, PhD, Professor of Vocational Studies, Business and Technical College of Applied Sciences, Užice (Serbia)
23. Dragoljub Drndarević, PhD, Professor of Vocational Studies, Business and Technical College of Applied Sciences, Užice (Serbia)
24. Ljiljana Bujić-Trumbulović, PhD, Professor of Vocational Studies, Business and Technical College of Applied Sciences, Užice (Serbia)

25. Aco Dogandžić, PhD, Professor of Vocational Studies, Business and Technical College of Applied Sciences, Užice (Serbia)
26. Ivana Ćirović, PhD, Professor of Vocational Studies, Business and Technical College of Applied Sciences, Užice (Serbia)
27. Nada Nedović, PhD, Professor of Vocational Studies, Business and Technical College of Applied Sciences, Užice (Serbia)
28. Olivera Novitović, PhD, Professor of Vocational Studies, Business and Technical College of Applied Sciences, Užice (Serbia)
29. Milan Martinović, PhD, Professor of Vocational Studies, Business and Technical College of Applied Sciences, Užice (Serbia)
30. Damijan Radosavljević, PhD, Professor of Vocational Studies, Business and Technical College of Applied Sciences, Užice (Serbia)
31. Vesna Vasović, PhD, Professor of Vocational Studies, Business and Technical College of Applied Sciences, Užice (Serbia)
32. Vidoje Milovanović, PhD, Professor of Vocational Studies, Business and Technical College of Applied Sciences, Užice (Serbia)
33. Snežana Aksentijević, PhD, Professor of Vocational Studies, Business and Technical College of Applied Sciences, Užice (Serbia)
34. Radmila Novakovic-Kostić, PhD, Professor of Vocational Studies, Business and Technical College of Applied Sciences, Užice (Serbia)
35. Miloje Ćetković, PhD, Professor of Vocational Studies, Business and Technical College of Applied Sciences, Užice (Serbia)
36. Zorica Sagić, PhD, Professor of Vocational Studies, Business and Technical College of Applied Sciences, Užice (Serbia)
37. Milenko Pikula, PhD, Professor of Vocational Studies, Business and Technical College of Applied Sciences, Užice (Serbia)
38. Radomir Zejak, PhD, Full Professor, Faculty of Civil Engineering, University of Montenegro, Podgorica (Montenegro)
39. Svetlana Terzić, PhD, Professor of Vocational Studies, Business and Technical College of Applied Sciences, Užice (Serbia)
40. Dejan Vidojević, PhD, Professor of Vocational Studies, Business and Technical College of Applied Sciences, Užice (Serbia)
41. Branka Murić, PhD, Professor of Vocational Studies, Business and Technical College of Applied Sciences, Užice (Serbia)
42. Vesna Marjanović, PhD, Professor of Vocational Studies, Business and Technical College of Applied Sciences, Užice (Serbia)
43. Boško Furtula, PhD, Professor of Vocational Studies, Business and Technical College of Applied Sciences, Užice (Serbia)
44. Michael Koniordos, PhD, Technological Educational Institute of Piraeus, Athens (Greece)
45. Ramona Suharoschi, PhD, University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca (Romania)
46. Sevastita Muste, PhD, University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca (Romania)
47. Simon Walker, PhD, Full Professor, School of Science, University of Greenwich, England (United Kingdom)
48. Biočanin Rade, PhD, University of Travnik (Republic of Srpska, Bosnia and Herzegovina)
49. Constantinos Cantzos, PhD, Technological Educational Institute of Piraeus, Athens (Greece)
50. Marija Knežević, PhD, Assistant Professor, Dean of Faculty of Tourism and Hotel Management, University of Business Studies, Banja Luka (Republic of Srpska, Bosnia and Herzegovina)

ORGANIZING COMMITTEE

- Ivana Ćirović, PhD - President of Organizing Committee
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- Verica Mišević
- Dragana Knežević
- Marija Jezdović

The Business and Technical College of Applied Sciences, Užice, wishes you a warm welcome to the 9th international conference entitled.

Science and higher education in function of sustainable development – SED 2016

The conference will gather the representatives of science, our country, society, economy, media, and others involved in the development of science and higher education through various activities, especially through the promotion of higher education in Zlatibor district.

General topics

Bearing in mind that sustainable social and economic development requires contemporary knowledge, the conference will include scientific papers on topics relating to eight programme areas.

Mechanical Engineering, Informatics and Mathematics, Civil Engineering, Environmental Protection, Management, Tourism, Economics and Student Papers.

The aim of the conference is to highlight the role of science and higher education in achieving the sustainable development, to promote and popularize science, to improve the international scientific exchange and cooperation, as well as to strengthen the bonds between our educational institution and other institutions in our society.

We wish all the participants a successful conference and a pleasant stay in Užice and Serbia.

FINAL PROGRAMME

of the 9th International Scientific Conference
 'SCIENCE AND HIGHER EDUCATION IN FUNCTION OF
 SUSTAINABLE DEVELOPMENT– SED 2016'

FIRST DAY - Friday, 30th September 2016

(09.00 – 11.00) Entrance hall – Registration of conference participants

(11.00 – 11.30) Amphitheatre 302 - Opening of conference – welcome speeches

(11.35 - 13.00) Amphitheatre 302 - PLENARY SESSION

CHAIR	IVANA ĆIROVIĆ, PhD	
VICE-CHAIRS	MILUTIN ĐJURIČIĆ, PhD DAMNJAN RADOSAVLJEVIĆ, PhD MIHAILO TIMOTIJEVIĆ, PhD LJUBODRAG TANOVIĆ, PhD	
Author(s)		Title of the paper
Mihailo Timotijević, Full Professor Faculty of Architecture, Belgrade		URBAN RENEWAL OF CITY OF UŽICE

(11.45 - 12.30) Entrance hall – Gala cocktail

Ljubodrag Tanović, Full Professor Faculty of Mechanical Engineering, Belgrade	CHALLENGES IN THE FIELD OF HIGHER EDUCATION
Živko Stjelja, PhD High School of Applied Sciences - Belgrade Polytechnics	STUDENTS' WITHDRAWAL FROM HIGHER EDUCATION INSTITUTIONS AND RELATIONSHIP MARKETING AS A POSSIBLE SOLUTION TO THE PROBLEM
Dejan Blagojević, PhD College of Applied Technical Sciences, Niš	CONTRIBUTION OF INNOVATIONS TO DEVELOPMENT OF NEW MISSION OF HIGHER EDUCATION

(13.15 - 14.00) Entrance hall - Break

(14.00 -18.00) – Paper presentations

(14.00) Room 318 - SESSION		
Environmental Protection		
CHAIR		OLIVERA NOVITOVIĆ, PhD
VICE-CHAIR		Vesna Marjanović, PhD
No	Author(s)	Title of the paper
1.	Srecko Stopic, Privat Dozent Dr.-Ing. habil, Bernd Friedrich, Prof. Dr.-Ing. Dr. h. c. IME Process Metallurgy and Metal Recycling, RWTH Aachen University, Aachen, Germany,	ROLE OF HYDROMETALLURGY IN ENVIRONMENTAL PROTECTION
2.	Dr Slobodan Miladinović¹ , Dr Stevo Jačimovski² ¹ Academy of Criminalistic and Police Studies, Belgrade, SERBIA ² Academy of Criminalistic and Police Studies, Belgrade, SERBIA	APPLICATION OF VSMOKE MODEL TO CALCULATE THE SPATIAL CONCENTRATION OF CO AND PM-2.5 AT THERMAL POWER PLANT KOSTOLAC B
3.	Darja Žarković¹ , PhD; Sandra Zihel² , MSc; Biljana Isić³ , MSc ¹ College of vocational studies Belgrade Polytechnic, Belgrade, SERBIA, ² Waterworks and sewage system Subotica, Subotica, SERBIA, ³ Cardboard mill Umka, Umka, SERBIA,	REDUCTION OF ECOLOGICAL RISK BY IMPLEMENTING CLEANER PRODUCTION IN CARDBOARD MILL
4.	Darja Žarković¹, PhD; Zlatka Jovanović², BSc; Nebojša Čurčić¹, MSc; Olivera Jovanović³, PhD ¹ College of vocational studies Belgrade Polytechnic, Belgrade, SERBIA, ² Belgrade waterworks and sewage system, Belgrade, Serbia,	MINIMIZING ECOLOGICAL RISK FROM HAZARDOUS SUBSTANCES IN WATER PURIFICATION SYSTEMS – EXAMPLE OF CHLORINE
5.	Sonja B Ketin¹ , PhD; Mirjana Vojinović Miloradov¹ , PhD; Rade R Biocanin² PhD ¹ University of Novi Sad, Novi Sad, Serbia, ² State University of Novi Pazar, Novi Pazar, Serbia,	INCINERATION AS THE WAY OF HAZARDOUS WASTE DESTRUCTION IN VINYL CHLORIDE PRODUCTION
6.	Filip Gudurić¹, BEng Vidoje Milovanović², PhD ¹ Telekom Serbia, LLC ²)Business and Technical College, Užice	COMPARATIVE ANALYSIS OF DIFERENT MOBILE TELEPHONE SYSTEMS AND THEIR VALUE IN REAL TIME
7.	Tatjana Marinković¹ , PhD; Marko Vojvodić¹ , PhD; Dragan Marinković² , PhD ¹ Sanitary-Medical School of Applied Sciences VISAN, Belgrade, SERBIA, ² Faculty of Special Education and Rehabilitation – University of Belgrade, Belgrade, SERBIA,	GUIDANCE ON GENOTOXICITY AND CARCINOGENICITY TESTING
8.	Dragan Marinković¹, PhD; Kristina Vojvodić², MSc; Tatjana Marinković³, Ph.D ¹ Faculty of Special Education and Rehabilitation – University of Belgrade, Belgrade, SERBIA, ² Sanitary-Medical School of Applied Sciences VISAN, Belgrade, SERBIA, ³ Sanitary-Medical School of Applied Sciences VISAN, Belgrade, SERBIA,	GENETICALLY MODIFIED MICROORGANISMS IN BIOREMEDIATION

(14.00) Room 302 - SESSION		
Civil Engineering		
CHAIR		RADOMIR ZEJAK, PhD
VICE-CHAIR		JELENA MARKIČEVIĆ, MSc
№	Author(s)	Title of the paper
1.	Dejan Milivojević, Business and Technical College of Applied Sciences, Užice, Serbia	THE ARCHITECT STANKO MANDIĆ'S WORKS IN THE CITY OF UŽICE, A BRIEF REVIEW
2.	Zdenka Radovanović, PhD Ministry of Youth and Sports, Belgrade, SERBIA,	URBAN GREEN INFRASTRUCTURE AND ARCHITECTURE IN THE CONTEXT OF SUSTAINABLE DEVELOPMENT
3.	Danijela Zlatković¹, PhD, Jelena Zlatković², ¹ College of Applied Technical Sciences, Niš, SERBIA ² Faculty of Civil Engineering and Architecture, Niš, SERBIA Ecotourism in the National Parks of the Republic of Serbia	WASTEWATER TREATMENT USING SETTLEMENT WETLANDS SYSTEM
4.	Dr Ivana M. Čirović Business and Technical College of Applied Sciences, Užice, Serbia,	VISUAL CORE OR THEME OF ARCHITECTURAL FORM
5.	Đorđe Đuričić¹, Dragoslav Arsović¹, Dragan Čalić² ¹ Business and Technical College of Applied Sciences, Užice, Serbia, ² Faculty of Civil Engineering, University of Montenegro, Podgorica, Montenegro,	RATIONALIZATION OF LATTICE STRUCTURES MADE OF WELDED CHS PROFILES
6.	Jelena Markičević¹ ¹ Business and Technical College of Applied Sciences, Užice, Serbia,	USE OF FLY ASH IN CONSTRUCTION - ENVIRONMENTAL NEEDS OF MODERN SOCIETY
7.	Radomir Zejak¹, Dragan Čalić¹, Goran Gorašević², Vlastimir Prašćević³ ¹ Faculty of Civil Engineering, University of Montenegro, Podgorica, Montenegro, ² RG Group d.o.o. Podgorica, Montenegro, ³ IGP Fidija d.o.o. Podgorica, Montenegro,	THE REHABILITATION OF STEEL GIRD OF BRIDGE "TREBALJEVO" ON THE RAILWAY BELGRADE-BAR

(14.00) Room 105 – Sessions		
Management Economics		
CHAIR		Milan Martinović, PhD
VICE-CHAIRS		Zorica Sagić, PhD, Biljana Đuričić, MSc
No	Author(s)	Title of the paper
1.	Sanja Marković¹, PhD; Nebojsa Denić², PhD; Vuk Miletić³; Ljiljana Arsić⁴, PhD ¹ Higher Technical Professional School in Zvečan, Serbia, ² Faculty of Information Technology, Alfa University, Belgrade, Serbia, ³ Faculty of Construction Management, University Union “Nikola Tesla”, Belgrade, Serbia, ⁴ Faculty of Economics Priština, Kosovska Mitrovica, University of Priština, Serbia	INTEGRATION ACTIVITIES IN SOCIALLY RESPONSIBLE BUSINESS ENTERPRISE IMPERATIVE OF CONTEMPORARY BUSINESS ENVIRONMENT
2.	PhD Vlado Radić, MA Nikola Radić, PhD Jovanka Popović Faculty of Business Economics and Entrepreneurship, Belgrade, Serbia	LEADERSHIP AND PSYCHOLOGY OF POWER
3.	Branka Budimir Užice, Serbia,	BUSINESS PLAN AS A FUNCTION OF THE ASSESSMENT OF THE INVESTMENT PROJECT
4.	Branka Budimir Užice, Serbia,	THE BASIC METHODS AND TECHNOLOGY INVESTMENT EVALUATION
5.	Julija Avakumović PhD Jelena Avakumović PhD TM, Beograd, Serbia,	PROCEDURE FOR DEVELOPMENT OF BUSINESS COMMUNICATIONS WITH COMMERCIAL ENTITIES
6.	Milan Martinović¹ Saša Martinović² ¹ Business and Technical College of Applied Sciences ² Societe Generale Serbia, Belgrade	THE ROLE OF SOCIAL ENTREPRENEURSHIP
7.	Milan Martinović¹ Saša Martinović² ¹ Business and Technical College of Applied Sciences, Užice, Serbia, ² Societe Generale Serbia, Belgrade	CLUSTERS OF SMALL AND MEDIUM ENTERPRISES-ENCOURAGING KEY ECONOMIC DEVELOPMENT
8.	Dragana Nikolić-Ristić, MSc Societe Generale Bank, Vranje, Srbija,	IMPORTANCE OF MARKETING RELATIONS WITH CONSUMERS AS A SOURCE OF COMPETITIVE ADVANTAGE OF A COMPANY
9.	Dragana Nikolić-Ristić, MSc Societe Generale Bank, Vranje, Serbia,	TRENDS IN THE DEVELOPMENT OF SMALL AND MEDIUM-SIZED ENTERPRISES IN THE MODERN BUSINESS ENVIRONMENT

(14.00) Room 207 – Sessions		
Informatics and Mathematics Mechanical Engineering		
CHAIR		Dragoljub Drndarević, PhD
VICE-CHAIR		Milovan Milivojević, PhD
No	Author(s)	Title of the paper
1.	Vladimir Gavrilović, MBA	PROCESS MANAGEMENT SOFTWARE PRODUCT
2.	Aleksandar Stjepanović¹, PhD; Milorad K. Banjanin², PhD; Ratko Đuričić¹, PhD; Goran Kuzmić¹, MSc; ¹ University of East Sarajevo, Faculty of Traffic, Doboj, Bosnia and Herzegovina, ² University of East Sarajevo, Faculty of Philosophy, Pale, Bosnia and Herzegovina,	MULTIMEDIA INFORMATION SYSTEM WITH INTERACTION OF INTELLIGENT TRANSPORTATION SYSTEM AND SPATIAL DATA INFRASTRUCTURE
3.	Jelena Rajović; Nenad Marković, MSc; Technical College of Applied Sciences Uroševac, Leposavić, Republic of Serbia,	USE OF COMPUTERS IN TEACHING OF FOREIGN LANGUAGE IN COLLEGES OF APPLIED SCIENCES IN KOSOVO AND METOHJA
4.	Hana Stefanović¹, PhD; Svetlana Štrbac-Savić¹, MSc; Ana Miletić¹, MSc; Dejan Milić², PhD ¹ School of Electrical and Computer Engineering of Applied Studies, Belgrade, SERBIA, ² Faculty of Electronic Engineering, Niš, SERBIA,	AN ADAPTIVE COLOR IMAGE SEGMENTATION USING K-MEANS CLUSTERING
5.	Vojko Radomirović Teacher-Training Faculty, Užice	PLACE AND ROLE OF THE INTERNET AND TRADITIONAL MEDIA IN STUDENT POPULATION IN UZICE
6.	Vojko Radomirović¹, Vidoje Milovanović² ¹ Teacher-Training Faculty, Užice , ² Business and Technical College of Applied Sciences	EFFECTS OF MODERN INFORMATION AND COMMUNICATION TECHNOLOGIES ON THE MENTAL AND PHYSICAL HEALTH AND BEHAVIOR AMONG STUDENTS UZICE
7.	Dragana Knežević Business and Technical College of Applied Sciences, Užice, SERBIA	3D MULTIMEDIA CONTENT CREATION USING SOPHISTICATED SOFTWARE
8.	Mikloš Pot¹, MSc, Milovan Milivojević², PhD ¹ Polytechnical Engineering College, Subotica, Serbia, ² Business and Technical College of Applied Sciences, Užice, SERBIA	SPATIAL AND FREQUENCY DOMAIN COMPARISON OF INTERPOLATION TECHNIQUES IN DIGITAL IMAGE PROCESSING
9.	M. Milivojević¹ Đ. Forst¹, Lj. Subotić², K. Đoković³ ¹ Business and Technical College of Applied Sciences, Užice, SERBIA,	ASSESSMENT OF RAW WATER QUALITY BY USING K-MEANS CLUSTERING SOFTWARE

	<p>² Water supply Company, Užice, Serbia, ³ Faculty of Technology and Metallurgy, University of Belgrade, Serbia,</p>	
10.	<p>Dr Diković Ljubica¹, Dr Maričić Sanja², Dr Pikula Milenko¹ ¹ Business and Technical College of Applied Sciences, Užice, SERBIA, ² Teacher-Training Faculty, Užice</p>	VISUAL PERCEPTION OF JULIA AND MANDELBROT SET
11.	<p>Vesna Vasović,¹ Zorica Tanasković,¹ Predrag Drobniak² ¹ Business and Technical College of Applied Sciences, Užice, SERBIA, ² Polytechnics – New Technology School, Belgrade</p>	COMPARATIVE METHOD
12.	<p>Milenko Pikula¹, PhD Elmir Čatrnja², MSc, Ismet Kalčo³, MSc, Anđa Šarić⁴, MSc ¹ Business and Technical College of Applied Sciences, Užice, SERBIA, ² Dzemal Bijedić University of Mostar, Mostar, B&H, ³ University of Zenica, Zenica, B&H, ⁴ School of Nursing, Mostar, B&H</p>	SOLVING STURM-LIOUVILLE TYPE DIFFERENTIAL EQUATION WITH TWO DEVIATING ARGUMENTS
13.	<p>M. Milivojević¹, S. Obradović², J. Kurčubić³, K. Đoković⁴, ¹ Business and Technical College of Applied Sciences, Užice, SERBIA, ³ Water supply Plant, Užice, Serbia, ⁴ Faculty of Technology and Metallurgy, University of Belgrade, Serbia,</p>	APPLICATION OF RADIAL BASIS FUNCTION NEURAL NETWORKS TO PREDICTION OF RAW WATER QUALITY PARAMETERS
14.	<p>Prof. Branko Lukić¹ Prof. Damljan Radosavljević², PhD ¹ Užice, Serbia, ² Business and Technical College of Applied Sciences, Užice, SERBIA</p>	APPLICATION OF TECHNICAL REGULATIONS FOR THE DESIGN, CONSTRUCTION AND USE STABLE PRESSURE VESSELS
15.	<p>Dragoljub Drndarević, Milovan Milivojević Business and Technical College of Applied Sciences, Užice, SERBIA</p>	A PHENOMENON IN MULTILAYER NEURAL NETWORKS
16.	<p>Dragan Stamenković, MSc; Vladimir Popović, PhD; Saša Mitić, PhD University of Belgrade, Faculty of Mechanical Engineering, Belgrade, SERBIA</p>	THE CHOICE OF DISTANCE SENSOR FOR AN AUTONOMOUS VEHICLE MODEL
17.	<p>Dragiša Mičić Business and Technical College of Applied Sciences, Užice, SERBIA,</p>	KINEMATIC ANALYSIS KINEMATIC CHAINS
18.	<p>Milan Marković, M. Sc, Mech. Eng., Miloš Mihailović, M. Sc. Mech. Eng., Tehnikum Taurunum, Tech. Faculty of App. Sciences, Belgrade, Serbia,</p>	KIRCHHOFF THEORY FOR NON VISCIOUS FLUID APPLIED TO THE FLOWING AROUND THE OBSTACLE IN THE TRAFFIC FLOW
19.	<p>Milan Marković, M. Sc, Mech. Eng., Miloš Mihailović, M. Sc, Mech. Eng. Tehnikum Taurunum, Tech. Faculty of App. Sciences, Belgrade, Serbia,</p>	LINEAR PROGRAMMING USED TO BUS TYPE OPTIMISATION FOR THE URBAN TRANSPORTATION LINE 703 IN BELGRADE

**3rd International Conference
'HIGHER EDUCATION IN FUNCTION OF DEVELOPMENT
OF TOURISM IN SERBIA AND WESTERN BALKANS'**

14.00 – 18.00 – Paper presentations

(14.00) Room 109 - TOURISM SESSION 1

CHAIR		Michalis Koniordos, PhD
VICE-CHAIRS		Nataša Kristan Primšar, BSc Nenad Milutinović, MSc
No	Author(s)	Title of the paper
1.	Dimitrios I. Tseles, PhD Nikolaos E. Theocharis, MSc	HOLIDAY TOUR PACKAGES & TOURIST MOTIVATION A CASE STUDY OF RHODES, GREECE
2.	Marija Mandarić, PhD Nataša Kristan Primšar, BSc Tilka Sever, BA	THE DEVELOPMENT OF PROJECT WORK AT KRANJ SCHOOL CENTRE
3.	George Skourtis, PhD candidate Evangelos Boulougouris, MSc Michalis Koniordos, PhD	THE ROLE OF INSTITUTIONS ON RESOURCE INTEGRATION PROCESS IN THE TOURISM INDUSTRY
4.	Slobodanka Đolić, PhD	ON SOME EXTRA-LINGUISTIC ISSUES WITH AN IMPACT TO MANAGING EFL TEACHING
5.	Duško Kuzović, PhD	SPORTS FACILITY AND SITE – BASIC ELEMENTS AND TOURISM
6.	Andrej Lisec, PhD Jasna Potočnik Topler, PhD	SEVNICA IN THE MIDDLE OF THE 2016 AMERICAN PRESIDENTIAL CAMPAIGN
7.	Tamara Gajić, PhD Aleksandra Vujko, PhD Marko Petrović, PhD	TRAVEL AGENCIES FRANCHISING AS A BUSINESS CONCEPT FOR ECONOMIC DEVELOPMENT IN SERBIA
8.	Drago Cvijanović, PhD Vojin Cvijanović, MSc Zoran Simonović, PhD	TOURISM IN TERMS OF THE DEVELOPMENT OF SERBIAN RURAL AREAS
9.	Tamara Gajić, PhD Aleksandra Vujko, PhD Marko Petrović, PhD	INTEGRATION OF TRAVEL AGENCIES WITH TRADITIONAL FARM HOUSES IN RURAL DESTINATION

15.30-15.50 - Coffee break

10.	Anton Vorina, PhD Dalibor Miletić, PhD Anka Vojvodić, PhD	COMPARATIVE ANALYSIS OF SERBIAN AND AUSTRIAN TOURISM
11.	Danko Milašinović, PhD Vladimir Kraguljac, BSc	TOUCHSCREEN DEVICES IN BUSINESS INFORMATICS EDUCATION IN HOTEL MANAGEMENT AND TOURISM
12.	Đorđe Pavlović, PhD Branko Gledović, PhD	APPLICATION OF MULTIVARIATE METHODS IN E-COMMERCE

13.	Dragana Pešić, PhD Ivana Marinković, MSc	THE IMPORTANCE OF LANGUAGE LEARNING STRATEGIES FOR DEVELOPING AN INDEPENDENT LEARNER
14.	Ivana Marinković, MSc Dragana Pešić, PhD	TEACHING LISTENING TO TOURISM STUDENTS
15.	Anđela Mikić, PhD Dragoslav Jokić, PhD	BUSINESS CONVERSATION IN FUNCTION OF PROMOTION OF TOURISM ORGANIZATION
16.	Dusko Kuzović, PhD D. Milovanović, MSc	CLASSIFICATION OF SPORTS FACILITIES AND TOURISM PARTICIPANTS
17.	Snežana Milićević, PhD Marija Kostić, PhD Nataša Đorđević	SPECIFICITY OF ECOTOURISM DESTINATION MANAGEMENT
18.	Lukrecija Đeri, PhD Predrag Stamenković, MSc Danka Ilić, MSc	THE IMPORTANCE OF ENTREPRENEURSHIP FOR LOCAL ECONOMIC AND TOURISM DEVELOPMENT OF THE JABLANICA DISTRICT IN SERBIA
19.	Mira Avramović, PhD	MARKETING AS A BASIS FOR COMPETITIVE ADVANTAGES OF THE TOURIST DESTINATION
20.	Ana Todorovic, MSc	IMPLEMENTATION OF CRM CONCEPT IN TOURSIM
21.	Sanja Krsmanović, MSc Marija Perić, MSc Slobodanka Marković, Mr	PROTECTED NATURAL ASSETS AS A TOURIST OFFER OF BELGRADE
22.	Sanja Krsmanović, MSc Marija Perić, MSc Slobodanka Marković, Mr	TOURISM AS FACTOR OF DEVELOPMENT OF BANJA KOVILJAČA SPA
23.	Ivana Matovic Purić Zorka Jugović Danijela Pecarski Miodrag Pantelić	NOWADAYS ECOLOGIC PROBLEMS AND TOURISM
24.	Mira Avramović, PhD Slavica Popović, MSc	CONSUMER ROLES IN MARKETING COMMUNICATIONS IN TOURISM
DISCUSSION (18.20-18.40)		

(14.00) Room 317 - TOURISM SESSION 2		
CHAIR		Marija Mandarić, PhD
VICE-CHAIRS		Radmila Kostić Novaković, PhD Dragan Stojanović, PhD
No	Author(s)	Title of the paper
1.	Antonijević Milan, PhD Milan M. Đuričić, PhD Milutin R, Đuričić, PhD	DEVELOPMENT OF A RISK MANAGEMENT MODEL FOR 'TEMPUS' PROJECTS
2.	Marija Mandarić, PhD Snežana Milićević, PhD	ROLE AND SIGNIFICANCE OF TOURISM DESTINATIONS BRANDING
3.	Slobodan Nešković, PhD	REGIONAL CHALLENGES AND STRATEGIC APPROACH TO TOURISM AND ECOLOGY OF THE WESTERN BALKANS WITH REFERENCE TO SERBIA - CASE STUDY

4.	Academician Mladen Bodiroža, PhD Stevan Petković, PhD Milan Jarić, MSc	TOURISM AS AN ECONOMIC BRANCH AND ITS IMPACT ON GDP AND EMPLOYMENT IN BOSNIA AND HERZEGOVINA
5.	Zoran Bundalo, PhD Branislav Gavilović, PhD	THE ROLE AND IMPORTANCE OF RAIL TRANSPORT FOR TOURISM DEVELOPING IN WESTERN SERBIA
6.	Brankica Todorović, PhD Ljiljana Maksimović, MSc	SEGMENTATION OF TOURIST MARKET IN MODERN CONDITIONS
7.	Višeslav Kršmanović, PhD Ivanka Gajić, PhD	SPORTS TOURISM – A NEW SIGNIFICANT DIMENSION OF DEVELOPMENT OF TOURISM
8.	Miloš Tucović, PhD Dimitrije Tucović Irena Tucović	IMPACT ON TOURISM DEVELOPMENT STRATEGY OF THE REPUBLIC OF SERBIAN
9.	Dragan Stojanović, PhD Marko Krstić, MSc	RISK MANAGEMENT IN E-BUSINESS IN TOURISM

15.30-15.50 - Coffee break

10.	Radmila Novaković Kostić, PhD Ana Kostić Đekić, MSc	FOLLOWING THE PATHS OF THE PAST. THE MEMORIAL CHURCHES OF PRINCE MILOŠ OBRENOVIĆ AND THEIR TOURISTIC VALORISATION
11.	Slađana Vujičić, MSc Zorana Nikitović, PhD Nataša Jovanović, PhD	THE ANALYSIS OF TOURISM COMPETITIVENESS OF THE REPUBLIC OF SERBIA AND FORMER YUGOSLAVIAN COUNTRIES
12.	Mitar Lutovac Milan M. Đuričić, PhD Milutin R. Đuričić, PhD	TOTAL QUALITY MANAGEMENT – NECESSITY OF TOURIST DESTINATION “NATIONAL PARK OF TARA
13.	Srećko Simović, MSc Miroslava Jordović Pavlović, MSc	REPRESENTATION OF E-COMMUNICATION IN OFFER OF ZLATIBOR AS A TOURIST DESTINATION
14.	Aleksandra Tornjanski, MSc Milan M. Đuričić, PhD Predrag Ostojić, PhD	THE IMPORTANCE OF USING THE MARKETING STRATEGIES TO ACHIEVE CUSTOMER SATISFACTION IN SERBIAN TOURISM
15.	Ljiljana Milić, MSc	CONTEMPORARY TENDENCIES OF HIGHER EDUCATION IN TOURISM
16.	Dalibor Panić, MSc	ENTREPRENEURSHIP IN FUNCTION OF SUSTAINABLE DEVELOPMENT OF RURAL TOURISM IN SERBIA
17.	Marko Janačković, MSc Tanja Janačković, MSc Marija Petrović Ranđelović, PhD	ECOTOURISM IN FUNCTION OF SUSTAINABLE DEVELOPMENT OF THE REPUBLIC OF SERBIA
18.	Dragana Ilić, MSc Predrag Stamenković, MSc Ljubica Janjić Baduli, MSc	THE QUALITY OF HOSPITALITY OFFER AS A FACTOR OF DEVELOPMENT OF TOURISM IN LESKOVAC
19.	Snežana Aksentijević, PhD Nataša Čirović, PhD	LABORATORY FOR ECOTOURISM IN THE FUNCTION OF SUSTAINABLE TOURISM OF WESTERN SERBIA
20.	Gordana Lazić, PhD	ART NOUVEAU ARCHITECTURE IN UZICE
21.	Dragan Učur, MSc	MONASTERIES OF OVČAR – KABLAR GORGE AS FOCI OF RELIGIOUS TOURISM IN WESTERN SERBIA
22.	Radmila Zotović, PhD	SPATHEION TYPE AMPHORAE FROM BOLJETIN SITE
23.	Ljiljana Trumbulović, PhD Jovica Stefanović, MSc	ECO-RURAL TOURISM ON THE MOUNTAIN TARA

24.	Jelena Avakumović, PhD Julija Avakumović, PhD	IMPACT OF FINANCIAL ANALYSIS ON QUALITY OF DECISION MAKING IN TOURIST ORGANIZATIONS
25.	Zoran Čeganjac, PhD Marko Pavlović	THE PROCESS OF MAKING BUSINESS DECISIONS AND THE IMPORTANCE OF ETHICAL CRITERIA SEGMENTS
DISCUSSION (18.30-18.50)		

(14.00) Room 110 - STUDENT SESSION

CHAIR		Ljiljana Trumbulović, PhD
VICE-CHAIRS		Eleni Konstantinakou, BSc Bojana Janković, student
№	Author(s)	Title of the paper
1.	Irma Thomai, BSc Kalipso Papatheodorou, BSc Dimitra Prassa, BSc	THE ROLE OF CULTURAL TOURISM IN THE GREEK TOURISM INDUSTRY DURING THE ECONOMIC CRISIS. THE CASE OF CRETE
2.	Srđan Rajević Radmila Novaković Kostić, PhD Milutin Đuričić, PhD	BIRDWATCHING TOURISM IN SERBIA
3.	Eleni Konstantinakou, BSc	ACCESS DIFFICULTIES TO REMOTE TOURIST SITES, MOTIVATION AND POSSIBLE SOLUTIONS TO PROMOTE VISITING REMOTE AREAS
4.	Aleksandar Mihailović Milutin Đuričić, PhD Nenad Milutinović, MSc	HEALTH CARE TOURISM IN SERBIA
5.	Ivan Terzić Milutin Đuričić, PhD	WINE TOURISM – SIGNIFICANT DEVELOPMENT POTENTIAL OF SERBIA
6.	Miloš Isaković Milutin Đuričić, PhD	RURAL TOURISM – SIGNIFICANT DEVELOPMENT POTENTIAL OF SERBIA
7.	Dejan Lazarević Milutin Đuričić, PhD	MANAGEMENT OF TOURIST DESTINATION ZLATIBOR
8.	Nenad Jovanović Milutin Đuričić, PhD Slobodan Petrović, MSc	CONTEMPORARY FORMS OF TOURISM IN ZLATIBOR DISTRICT

15.30-15.50 - Coffee break

9.	Bojana Janković Radmila Novaković-Kostić, PhD Milutin Đuričić, PhD	BOOKISH AND FILMY TOURISM
10.	Marija Đordjević Milutin Đuričić, PhD	RELIGIOUS TOURISM IN SERBIA
11.	Jovana Petković Slobodan Petrović, MSc Nataša Čirović, PhD	UŽICE AS A TOURIST DESTINATION
12.	Siniša Nešković Radmila Kostić Novaković, PhD Slobodan Petrović, MSc Nataša Čirović, PhD	MOUNTAIN TOURISM
13.	Panić Aleksandra, Ljiljana Trumbulović, PhD	ECOTOURISM NATIONAL PARK TARA
14.	Radmila Spasojević, Snežana Aksentijević, PhD	DETERMINATION OF PH AND CALCIUM CONTENT IN SOIL OF WEST SERBIAN
15.	Radović Nemanja, BSc	KEY DETERMINANTS OF CREATING COMPANY'S CHART OF ACCOUNTS

16.	Danica Bogojević, Dr Ljiljana Trumbulović-Bujčić	ECOTOURISM IN NATIONAL PARKS OF THE REPUBLIC OF SERBIAN
DISCUSSION (16.20-16.40)		

(19.00) Gala dinner at the 'Tabana' restaurant, Užice

SECOND DAY - SATURDAY, 1st OCTOBER 2016

(10.00-16.30) Trip to Andrićgrad and the Dobrun monastery, with lunch in Andrićgrad

SCIENTIFIC FIELDS

- Mechanical Engineering;
- Informatics and Mathematics;
- Civil Engineering;
- Environmental Protection;
- Management;
- Tourism;
- Economics;
- Student papers.

PARTICIPATION FEE

The registration fee is RSD 8,000.00 per paper for participants from Serbia, or EUR 70.00 for participants from abroad. VAT is included in the price.

The registration fee includes a CD edition for all the authors and co-authors of a paper, and the dinner and trip costs for the first author only.

The registration fee for the participants who will not be attending the gala dinner and trip is RSD 4,000.00, VAT included.

The registration fee for the participants who will not be presenting their papers, but will be taking part in the conference programme, attending the dinner and trip is RSD 4,000.00, VAT included.

The students who will only be presenting their papers, without attending the gala dinner and trip (the trip and dinner are valid only for the first author), are exempted from paying the registration fee.

However, for those who will be attending the dinner and trip, the registration fee is RSD 4,000.00.

The registration fee includes the admission to all the SED 2016 Conference sessions, conference proceedings (in the electronic form, on a CD), promotional material, cocktails, organized trip and gala dinner on the first day of the conference.

For the business systems who want to present their products, technologies and services, the presentation space will be provided. It will be possible to promote scientific books, technical information and other propaganda material. The registration fee for business systems is EUR 200.00, VAT included.

The registration fee payment deadline is no later than 5 days before the beginning of the conference, or on the first day of the conference. Otherwise, the papers will not be published.

<i>MORE INFORMATION</i>

For more information on the conference, please visit the following website.

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***Director of Business and Technical College
of Applied Sciences, Užice
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***Chairman of Organizing Committee
Ivana Ćirović, PhD***

**Užice
September, 2016.**