



UNIVERSITY OF ZENICA
Faculty of Mechanical Engineering
Bosnia and Herzegovina



UNIVERSITY ERLANGEN - NUREMBERG
Germany



Asocijacija za kvalitet u Bosni i Hercegovini
Quality Association of Bosnia and Herzegovina

11th Research/Expert Conference with International Participation

QUALITY 2019

Final Program

SPONZOR



June 14th - 16th, 2019.
Hotel SUNCE, Neum
Neum - Bosnia and Herzegovina

UNDER THE AUSPICES OF:
Government of the Federation of Bosnia and Herzegovina
Federal Ministry of Energy, Mining and Industry
Federal Ministry of Development, Entrepreneurship and Crafts
Federal Ministry of Education and Science
Government of the Zenica –Doboj Canton
City Zenica

SPONZOR



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TEMATIKA SKUPA

Naučno stručni skup će raditi na sljedeći način: plenarna sjednica (uvodni i pozivni radovi za globalne teme), simpozij (radovi po temama skupa) i po potrebi workshops (radni sastanci).

1. KVALITET U PRIVREDI

Upravljanje kvalitetom (koncept, principi, alati i filozofija); Mjerenje karakteristika kvaliteta sistema i procesa; Metrologija; Kvalitet proizvoda i procesa; Kvalitet u održavanju; Upravljanje lancem snabdijevanja; Kvalitet i zaštita okoline; Inženjering kvaliteta; Ekonomika kvaliteta; Industrija 4.0; Upravljanje rizicima; Troškovi kvaliteta i upravljanje troškovima kvaliteta. Poslovna izvrsnost

2. KVALITET U OBRAZOVANJU

Pedagoški standardi i norme; Metode i postupci provjere i praćenja znanja studenata (učenika); Metode i postupci ocjenjivanja kvaliteta nastavnog osoblja; Samoevaluacija institucija u obrazovanju; Bolonjski proces; Akreditacija i certifikacija nastavnih programa i institucija; Zakonska regulativa u području obrazovanja; Akreditacija u visokom obrazovanju

3. KVALITET U JAVNOM SEKTORU

Kvalitet u javnoj upravi; Kvalitet u zdravstvu; Kvalitet u komunalnim preduzećima; Kvalitet u poljoprivredi; Kvalitet u proizvodnji hrane; Saobraćaj i kvalitet, Aspekti kvaliteta u procesu pridruživanja BiH EU; Kvalitet u politici; Kvalitet u medijima; Kvalitet u turizmu

4. NORMATIVNA REGULATIVA U KVALITETU

Međunarodni standardi ISO 9000 - Sistemi upravljanja kvalitetom, Međunarodni standardi ISO 14000 - Sistemi okolinskog upravljanja; Međunarodni standardi ISO 45000 - Obezbeđenje zdravlja i sigurnosti; HACCP, ISO 16949, ISO 22000-Upravljanje sigurnošću hrane, ISO 27000-Zaštita informacija, ISO 26000-društvena odgovornost, ISO 50000 -Upravljanje energijom; Stanje i trendovi u razvoju standarda. Informacioni sistemi kvaliteta; Međunarodne nagrade kvaliteta; Standardizacija; Državni program kvaliteta; Modeli TQM-a i njegova evolucija; Integrisani sistemi kvaliteta

PREZENTACIJE

Prezentacije su ograničene na **10 minuta + 5 minuta** za diskusiju.

Autori-prezentatori za prezentacije mogu koristiti Power point aplikaciju.

VRIJEME I MJESTO ODRŽAVANJA SKUPA

Skup će se održati od 14. do 16. juna 2019. godine u Hotelu SUNCE u Neumu - BiH.

Hotel SUNCE nalazi se u Neumu, gradiću smještenom na području turističke regije južnog Jadrana i jedinog izlaza Bosne i Hercegovine na more, mjesta posebnog mediteranskog ugođaja i šarma. Sam hotel smješten je u mirnoj uvali blizu obali mora, mjesto je posebnog primorskog ugođaja i raznih ugostiteljsko turističkih privlačnosti.

CONFERENCE TOPICS

The Research/Expert Conference will be performed as follows: plenary session (Key papers concerned global topics), symposium (papers according to the conference topics) and workshops, when needed.

1. QUALITY IN BUSSINES

Quality management (Concept, Principles, Tools and Philosophies); System and Process Performance Measurements; Metrology; Quality of product and process; Quality in maintenance; Supply chain management; Environment protection quality; Quality Engineering; Quality Economics; Risk Control; Business Excellence

2. QUALITY IN EDUCATION

Pedagogical standards and norms; Methods and procedures for control and monitoring of student achievements; Methods and procedures of educational staff quality control; Educational institutions self-evaluation; The Bologna process; Accreditation and certification of educational programs and institutions; Legislation in the education; ; Accreditation in Higher Education

3. QUALITY IN PUBLIC SECTOR

Quality in public institutions; Quality in health institutions; Quality in community enterprises; Quality in Agriculture; Quality in Food Processing Industry; Aspect of Quality in Process Accession BiH in EU; Quality in politics; The quality of the media; Quality in Tourism

4. STANDARDS REGULATION IN QUALITY

International standards ISO 9000 - Quality Management System; International standards ISO 14000 - Environmental Management System; International standards ISO 45000 - Occupational Health and Safety; ISO 16949-Automotive quality management systems, ISO 22000-Food safety management system, ISO 27000-Information security management standards, ISO 26000-Social Responsibility, ISO 50000 - Energy Management system; Status and trends in the development of standards; Quality information systems; Quality awards; Standardization; National quality programs; TQM models and their evaluation; Integrated quality systems

PAPER PRESENTATION

Presentation is limited to **10 minutes + 5 minutes** for discussion.
Presenters can use PowerPoint slide shows.

CONFERENCE DATE AND VENUE

The conference will be held from 14th to 16th June 2019 at the Hotel "SUNCE", Neum, Bosnia and Herzegovina.

Hotel SUNCE is situated in Neum, little mediterranean town on the southern coast of the Adriatic Sea, at the outskirts of the pearl of medieval architecture, the town of Dubrovnik. Neum is the only town in Bosnia and Herzegovina which has sea exit and it is a town of special mediterranean ambient and charm.

KOTIZACIJA - CONFERENCE FEE

Kotizacija za autore i učesnike Skupa je 150,00 EURO (300 KM) (uključujući i članove naučnog odbora i predsjedavajuće sekcija). Kotizacija obuhvata: zbornik radova sa skupa sa pratećim materijalima, prisustvo svim sekcijama i prezentacijama, osvježenje i piće dobrodošlice.

The conference fee for authors and participants is 150,00 EUR (including members of the Scientific Committee, and session chairmen). The conference fee includes the following: a copy of conference proceedings and accompanying materials, admission to all sessions and presentations, refreshments, and welcome drink. The conference fee should be sent to:

Receiver: ASA banka d.d.Sarajevo, Poslovnica Zenica
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Details of Charges:OUR

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sa naznakom: Kotizacija za QUALITY 2019, broj rada Q19-027, ime i prezime)

Učesnici i autori iz Bosne i Hercegovine svoje kotizacije mogu uplatiti na sljedeći račun (300,00 KM):

SVRHA UPLATE: kotizacija za MNSK-QUALITY 2019
(na uplatnici navesti ime i prezime i oficijelni broj rada Q19-087)

PRIMALAC: JRT TREZOR ZENIČKO-DOBOJSKOG KANTONA
(Račun otvoren kod ASA banke d.d.Sarajevo)

RAČUN PRIMAOCA: 1340100000001672

JIB UPLATIOCA: (za firme ID broj)

VRSTA PRIHODA:722631

OPĆINA: 103

BUDŽETSKA ORGANIZACIJA:2204010

POZIV NA BROJ: 4390040101 (Molimo da se poziv na broj obavezno upiše prilikom popunjavanja naloga).

KORESPONDENCIJA - CORRESPONDENCE

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SMJEŠTAJ - ACCOMMODATION

Dear Colleague(s),
Organizing Committee want to inform all possible participants and passengers to Neum, that **GRAND TOURS** travel agency is offering them following hotels for accommodation: „HOTEL SUNCE“ Neum
All reservation as well as additional information can be found on:

www.grandtours.ba
e-mail: ekskurzije@grandtours.ba
tel: +387 32 406-406
+387 61 713 392



CITY NEUM



HOTEL SUNCE

SCHEDULE OF EVENTS

Petak - FRIDAY June 14th

18.00 – 20.00 Registracija učesnika i piće dobrodošlice
Registration and Welcome Drink

SUBOTA - SATURDAY June 15th

08.45 – 09.45 Registracija učesnika
Registration of Conference Participant

09.50 – 10.00 Otvaranje Skupa - Conference Opening

10.00 – 11.00 Uvodni referati - Keynote Paper Presentation

11.00 – 11.30 Kafe pauza - Coffee Break

11.30 – 13.00 Prezentacija radova u dvije paralelne sekcije
Two Parallel Sessions of Presentations

13.00 – 15.00 Pauza za ručak - Lunch Break

15.00 – 17.00 Prezentacija radova u dvije paralelne sekcije
Two Parallel Sessions of Presentations

17.00 – 17.30 Kafe pauza - Coffee Break

17.30 – 19.30 Prezentacija radova u dvije paralelne sekcije
Two Parallel Sessions of Presentations

20.00 – Večera - Dinner

NEDJELJA - SUNDAY June 16th

09.00 – 11.00 Prezentacija radova u dvije paralelne sekcije
Two Parallel Sessions of Presentations

SCHEDULE OF PAPER PRESENTATIONS

SUBOTA - SATURDAY, June 15th

09.50 – 10.00 Otvaranje Skupa - Conference opening

10.00 – 11.00 Uvodni referati - Keynote Paper Presentation

Chairmen: S. Brdarević, N. Zaimović-Uzunović, A. Aganović

1. Total Quality Management Practices in B&H: Do Organizational Contextual Factors Matter?
Prakse totalnog upravljanja kvalitetom u Bosni i Hercegovini: Da li su važni kontekstualni faktori organizacije?
Kulenović Mirza, Veselinović Ljiljan (B&H)
2. Rizici po nepristrasnost u akreditovanim laboratorijama
Risks Impartiality in Accredited Laboratories
Fakić Belma, Muminović Branka (B&H)
3. Primjenjivost Blockchain tehnologije na sisteme upravljanja kvalitetom
Applicability of Blockchain Technology in Quality Management Systems
Lemeš Samir, Jašarević Sabahudin, Buzadžija Nevzudin (B&H)

SUBOTA - SATURDAY, June 15th

11.30 – 13.00 SESSION I

Chairmen: H. Bašić, M. Drljača

1. Razvoj TQM sistema
Development of TQM System
Šofranac Rajko, Janković Marija (Montenegro)
2. Impact of total quality management in organizational performance
Vehbi Ramaj, Valbone Ramaj, Fatos Ukaj, Shaqir Elezi, Zenel Sejfić (Kosovo, *Macedonia)*
3. Koncepti i metodologije integracije standardiziranih sistema upravljanja
Integration Concepts and Methodologies of Standardized Management Systems
Lisica Alan, Brdarević Safet, Jašarević Sabahudin (B&H)
4. 5S kao faktor unapređenja kvaliteta
5S As a Factor of Improvement Quality
Imamović Mustafa, Jašarević Sabahudin (B&H)
5. Design of Variable Control Charts under Type-2 Fuzzy Sets
Kaya Ihsan (Turkey)

6. Integrirano upravljanje kvalitetom proizvodima visokog stepena pouzdanosti
Integrated Management of Quality Manufacturing Products of High Voltage Reliability
Bijelić Zdravko, Milanović Biljana, Petrović Jelena (Serbia)
7. Basics of control of the statistical process in quality management
Ramaj Vehbi, Bibuljica Husnija, Kadriaj Mustafe, Ramaj Donika, Kuqi Beke (Kosovo)
8. Mjerenje i praćenje varijabilnosti procesa kao osnova za efektivno funkcionisanje procesa
Measuring and Monitoring Variability of Process as the Basic for Effective Functioning of Process
Pobrić Senada, Denjo Daut (B&H)
9. Supply Chain in the Context of Quality Management Principles
Lanac opskrbe u kontekstu načela upravljanja kvalitetom
Drljača Miroslav, Zambelli Sanja (Croatia)
10. Review of Advanced Product Quality Planning (APQP) in the Aerospace Industry
Aurel Mihail Titu, Vlad Cipran Cupsan (Romania)

SUBOTA - SATURDAY, June 15th

11.30 – 13.00 SESSION II

Chairmen: N. Zaimović-Uzunović, Denjo D.

1. Improving Quality of Authentication
Poboljšanje kvaliteta autentifikacije
Sućeska Suad (B&H)
2. Novi SI sistem jedinica
The New SI System of Units
Denjo Daut, Pobrić Senada, Zaimović Uzunović Nermina (B&H)
3. Novi zahtjev standarda BAS EN ISO/IEC 17025:2018 – Izjava o usaglašenosti prema specifikaciji ili standardu za ispitivanje/kalibraciju
New Standard Requirement BAS EN ISO/IEC 17025:2018 – Statement of Conformity to Specification or Standard for Testing/Calibration
Muminović Branka, Fakić Belma, Beganović Omer, Korlat-Mahmić Sinha, Čelebić-Malkić Alma (B&H)
4. Novi standardi zaštite ličnih podataka u EU
New Standards of Data Protection in EU
Zahirović Derviša (B&H)

5. Standard za verifikaciju i validaciju u računarskoj mehanici fluida i prenosu toplote
Standard for Verification and Validation in Computational Fluid Dynamics and Heat Transfer
Berberović Edin (B&H)
6. Standardi za ocjenu kvaliteta proizvoda od kamene vune
Conformity Assessment of the Quality of Stone Wool Products
Imamović Aida, Oruč Mirsada, Muhamedagić Sulejman (B&H)
7. Model organizacije naučno – stručne konferencije
Model of Organization Scientific – Professional Conference
Brdarević Safet, Jašarević Sabahudin, Đulić Emir (B&H)
8. Razlike u sadržaju termina katedra i studijski odsjek i mogućnosti organiziranja na visokoobrazovnoj instituciji
Differences in Terms of Study Department and Chair, the Possibility of Organizing on Higher Education Institutions
Brdarević Safet, Jašarević Sabahudin, Đulić Emir (B&H)

SUBOTA - SATURDAY, June 15th

15.00 – 17.00 SESSION I

Chairmen: Zaimović-Uzunović N., Bikić F.

1. Računsko-grafička metoda određivanja pozicije mašine u proizvodnoj shemi pripreme
Accounting-Graphic Method of Determining the Position of a Machine in the Production Scheme of Preparation
Šišić Ifet, Perviž Osman, Hotić Samira, Jukić Mahmut (B&H)
2. Personalized Web QMS dashboards using free available JS plugins
Personalizirani Web QMS kontrolni prikazi koji koriste besplatno raspoložive Javascript dodatke
Kulagić Suad (B&H)
3. Pristup informacijskoj sigurnosti u poslovnim sistemima - studij slučaja"
Approach to Information Security in Business Systems - Case Study
Kulašin Džemal, Huseinspahić Nežir (B&H)
4. The Role and Position of the Nesting Software in Production Technologies
Uloga i pozicija „Nesting“ softvera u proizvodnim tehnologijama
Čanić Senita, Begović Edin (B&H)
5. Korištenje softvera sa otvorenim kodom OPENFOAM® sa tenzorskim objektno-orijentisanim pristupom u simulacijama mehanike fluida
Using Open-Source Software OPENFOAM® with Tensorial Object-Oriented Approach in Fluid Dynamics Simulations
Berberović Edin (B&H)

6. Primjena elektrohemijskih ASTM metoda u ispitivanju opšte i pitting korozije nehrđajućih čelika
Application of Electrochemical ASTM Methods in Testing Pitting and General Corrosion of Stainless Steels
Bikić Farzet (B&H)
7. Ispitivanje međuzavisnosti parametara kvaliteta obrađene površine i parametara odstupanja od oblika i položaja pri obradi bušenjem
Testing the Correlation Between Surface Roughness Parameters and Parameters of Form and Location Tolerances in Drilling
Vučurević Radoslav, Krivokapić Zdravko*, Ivanković Petar*, Lemeš Samir (B&H, *Montenegro)
8. Savremeni postupci obrade metalnih materijala – Hibridna proizvodnja
Modern Methods of Processing Metals Materials – Hybrid Production
Sušić Ajla, Baručija Anel, Begović Edin (B&H)
9. Kontrola kvaliteta vatrostalnih premaza primenom ultrazvučne vibracione metode sa stacionarnim uzorkom
Quality Control of Refractory Coatings Using an Ultrasonic Vibration Method with a Stationary Sample
Pavlović Marko, Dojčinović Marina, Prokić-Cvetković Radica, Andrić Ljubiša, Muhamed Sarvan* (Serbia, *B&H)
10. Uticaj mikrolegiranja borom, cirkonijem i telurom na korozionu postojanost austenitnog nehrđajućeg čelika X8CrNiS18-9
Influence of Microalloying with Boron, Zirconium and Tellurium on the Corrosion Resistance of Austenitic Stainless Steel X8CrNiS18-9
Mujagić Derviš, Imamović Aida, Hadžalić Mustafa (B&H)

SUBOTA - SATURDAY, June 15th

15.00 – 17.00 SESSION II

Chairmen: Bašić H., Isaković S.

1. Stepeni model regresije: Određivanje koeficijenata modela
Power Regression Model: Parameters Determination
Žiga Alma, Baručija Anel, Čobo Mehmed (B&H)
2. Sustainable Mobility Terminology: Towards Unification and Standardization
Terminologija održive mobilnosti: Ka ujednačavanju i standardizaciji
Polovina Nina, Dinić Tanja (Serbia)
3. Razvoj DEA modela za ocjenu efikasnosti rada osnovnih škola u Kantonu Sarajevo
Development of DEA Models for Assessment of Efficiency of Primary Schools in Sarajevo Canton
Bajrić Hadis, Kadrić Edin, Pašić Mugdim, Pašić Mirza, Vatreš Ajdin (B&H)

4. Unapređenje procesa studentske evaluacije kvaliteta izvođenja nastave primjenom e-evaluacije
Improving the Process of Students' Evaluation of Teaching Process Quality by Application of E-Evaluation
Abazović Alim, Tiro Dragi, Oruč Mirza (B&H)
5. Uloga obrazovanja za održivi razvoj u zaštiti vodnih resursa Kantona Sarajevo
The Role of Education for Sustainable Development in Protection of Aquatic Resources of Canton Sarajevo
Čelan Daliborka, Bašić Hazim, Tatić Kasim (B&H)
6. Upotreba informaciono komunikacionih tehnologija u nastavi
Use of Information on Communication Technology in Teaching
Hatarić Almedina, Papić Sejfo (B&H)
7. Problem očuvanja životne sredine u nastavi tehničkog odgoja
The Problem of Preservation of Living Environment in Teaching of the Technical Education
Velić Safet, Prazina Nedžad, Papić Sejfo, Klisura Fuad (B&H)
8. Perspektive i modeli rasta preduzeća
Perspectives and Business Growth Models
Isaković Suvad, Isaković Ajdin (Bosnia and Herzegovina)
9. Istraživanje praksi kontrolinga u bosanskohercegovačkim preduzećima
Research on Controlling Practices in B&H Companies
Martinović Danijela, Veselinović Ljiljan, Mangafić Jasmina (B&H)

SUBOTA - SATURDAY, June 15th

17.30 – 19.30 SESSION I

Chairmen: Plančić I., Antunović R.

1. Novo izdanje metode za kalibraciju sistema za mjerenje sile
New Issue Method for Calibration of Force Measuring System
Korlat-Mahmić Sinha, Čelebić-Malkić Alma, Muminović Branka (B&H)
2. Zahtjevi za betonske prese kod ispitivanja očvrslag betona
Requirements for Compression Testing Machine in Testing Hardened Concrete
Čelebić-Malkić Alma, Korlat-Mahmić Sinha, Muminović Branka (B&H)
3. Procjena stepena oštećenja strukturnih elemenata izvoznih postrojenja
Damage Level Estimate of Structural Elements in Mine Hoisting Plant
Hadžalić Mustafa, Sulunahpašić Raza, Oruč Mirsada (B&H)
4. Interpretacija modela kapaciteta drobljenja kod udarne drobilice izborom ključnih parametara
Interpretation of the Model of Capacity Crushing Impact Crushers by the Selection of Key Parameters
Ferzić Jasmin, Šišić Ifet, Džananović Izet, Alić Nedžad (B&H)

5. Uloga i značaj mašinskih inženjera kod održavanja rudarskih mašina i uređaja
The Role and Significance of Mechanical Engineers in Maintenance of Mining Machines and Devices
Bajramović Kasim, Bajramović Husref, Bajramović Irfan, Bajramović Amar, Bajramović Irhad (B&H)
6. Istraživanje vibracija na ventilatoru u funkciji poboljšanja kvalitete proizvodnog procesa
Research of Fan Vibration in Function of Improving the Production Process Quality
Šaravanja Davorka, Kožul Josip (B&H)
7. Dizajn multifunkcionalne rashladne platforme za laptope
Design of a Multifunctional Cooling Platform for Laptops
Talić-Čikmiš Amra, Trkulja Danijel (B&H)
8. Infrared Thermography Method for the Assessment of the Risk of Burninig
Štrbac Branko, Lanc Zorana, Zeljković Milan, Živković Aleksandar, Hadžistević Miodrag (Serbia)
9. Monitoring and Vibration Analysis of Hydroagregates
Antunović Ranko, Roljić Milenko, Vučetić Nikola, Grahovac Anđelko (B&H)
10. Istraživanje kvaliteta funkcionalnih površina beskontaktnom metodom pri struganju toplo kovanog čelika 41Cr4
The Research of Functional Surfaces Roughness Quality by Means of the Noncontact Method in Turning of the Warm Forged Steel 41Cr4
Plančić Ibrahim, Begović Edin, Ključanin Dino, Beganović Omer (B&H)
11. Istraživanje uticaja stepena deformacije na kvalitet hladno vučene žice
Research of the Influence of Deformation Degree on the Quality of the Cold Draw Wire
Plančić Ibrahim, Alić Behar (B&H)

SUBOTA - SATURDAY, June 15th

17.30 – 19.30 SESSION II

Chairmen: Lemeš S., Šofranac R.

1. Kvaliteta uspostave internih kontrola kroz primjenu Coso modela procjene rizika
Quality of Establishment of Interior Controls when Applying the Rate of Risk Assessment Model
Vukoja Branka, Unković Ilinka, Vukoja Antonio, Unković-Milijević Tijana (B&H)
2. Vrednovanje kvalitete stečajnog postupka iz perspektive stečajnih upravnika u BiH
Evaluation of Quality of Bankruptcy Proceedings from the Perspective of Bankruptcy Trustees in B&H
Vukoja Božo, Sulunahpašić Samir (B&H)

3. Moguće strategije elektronske trgovine u Bosni i Hercegovini
Possible Strategies of Electronic Commerce in B&H
Unkić Faruk, Balić Senad (B&H)
4. Segmentacija tržišta potrošača
Segmentation of the Consumer Market
Unković Ilinka, Unković Tijana, Vukoja Branka, Vukoja Antonio (B&H)
5. Kvalitet usluge legalnih i nelegalnih taxi prijevoznika i nelojalna konkurencija
Quality of Services of Legal and Illegal Taxi Transport and Infringement Competition
Agić Dragana (B&H)
6. Medicinska etika bitan faktor koji determiniše kvalitet zdravstvene zaštite
Medical Ethics as an Important Factor which Determines the Quality of Health Care
Šofranac Rajko, Šofranac Milica, Janković Marija, Mustur Dušan (Montenegro)
7. Ispunjenje potreba korisnika-važna dimenzija kvaliteta medicinske usluge
Using the User's Needs - Important Dimension of Medical Services Quality
Šofranac Milica, Šofranac Rajko, Janković Marija, Mustur Dušan (Montenegro)
8. Jedan pristup izračunavanju kvaliteta medicinske usluge
One Access to Calculation of Quality of Medical Services
Šofranac Milica, Šofranac Rajko, Janković Marija, Mustur Dušan (Montenegro)
9. Impact of Quality of Transport Services on Demand for Bus
Transport Depending on the Groups of Passengers
Konečný Vladimír, Berežný Róbert (Slovak Republik)
10. Tehnika i demokratija
Technique and Democracy
Kozić Faruk (B&H)

1. Analiza uticajnih parametara na izduženje žice i generisanje modela funkcije metodom Box-Behnken dizajna
Analysis of Influencing Parameters on the Wire Elongation and Generation of Function Model Using Box-Behnken Design Method
Begović Edin, Mujanović Nermin, Beganović Omer (B&H)
2. Kvalitet oblikovanih proizvoda roll forming tehnologijom
Quality of Products Made by Roll Forming Technology
Plančić Ibrahim, Škapur Samed
3. Matematički model uticaja debljine lima na kvalitet obrađene površine kod sječenja vodenim mlazom
Mathematical Model of Influence of Metal Sheeth Thickness on the Quality of the Processed Surface in Cutting With a Water Stream
Papić Sejfo, Klisura Fuad, Velić Safet, Karović Arnela (B&H)
4. Example of Vibration Analysis and Measurements Conducted on Centrifugal Pumps in Accordance to API 610 Standard
Primjer analize vibracija i mjerenja vršenih na centrifugalnim pumpama prema standardu API 610
Begović Edin, Šeta Safet (B&H)
5. Analiza naponskog stanja repariranog hidrauličnog cilindra visokog kapaciteta
Analysis of the Stress and Strain in the Repaired High Capacity Hydraulic Cylinder
Manduka Abaz, Ključanin Dino, Halilović Salih (B&H)
6. Influence New Technology on the Process of Making Wooden Prefabricated Buildings
Čehić Minka (B&H)
7. Drvoprerađivački sektor u BiH s aspekta dizajna i uticaj dizajna na mogućnosti poboljšanja kvaliteta poslovanja kompanija
Wood Processing Sector in B&H from Aspects of Design, Impact of Design on the Possibility of Quality Improvement of Business
Đulić Emir (B&H)
8. Primjena novih tehnologija u procesu proizvodnje namještaja na putu ka Industry 4.0
The Application of New Technologies in the Furniture Manufacturing Process on the Way to Industry 4.0
Talić Hasan, Čehić Minka (B&H)
9. Model kretanja materijala u proizvodnji namještaja od masiva
Model of Materials Flow in the Wood Furniture Industry
Hasanić Sanin (B&H)

10. Analiza uticajnih parametara na kvalitet proizvoda u procesu proizvodnje furnirskih otpresaka
Analysis of the Influencing Parameters on Quality of Products in the Process of Veneer Presses
Hajić Vildan, Obućina Murčo, Bašić Hazim (B&H)
11. Reverzibilni inženjering kompleksne geometrije na osnovu skeniranog modela
Reverse Engineering of Complex Geometry Based on the Scanned Model
Bešlagić Ernad, Spahić Denis, Kačmarčik Josip, Petković Darko (B&H)
12. Kvalitativni i kvantitativni faktori izvještaja o tehničkom pregledu objekta
Qualitative and Quantitative Factors of a Report on Technical Inspection of Facility
Zaimović Vahid (B&H)

NEDJELJA - SUNDAY, June 16th

09.00 – 11.00 SESSION II

Chairmen: Brdarević S., Klisura F.

1. Impact of Quality Management Systems According to ISO 9001 on Performance of Transport Organizations
Konečný Vladimír, Petro František, Varjan Pavol (Slovak Republic)
2. Online aplikacija za evidentiranje incidenata uposlenih
Online Application for Documenting Employee Incidents
Buzadžija Nevzudin, Bikić Naida (B&H)
3. Outsourcing na stanicama tehničkih pregleda vozila
Outsourcing at Vehicle Inspection Stations
Agić Dragana, Brdarević Safet (B&H)
4. Rotiranje stručnog osoblja na ovlaštenim stanicama tehničkih pregleda vozila i njihov uticaj na kvalitet rada
Rotation of Qualified Personnel at Authorized Stations for Technical Inspection of Vehicles and their Impact on the Quality of Work
Agić Dragana (B&H)
5. Analiza provjere znanja stručnog osoblja uposlenog na STP u 2018. godini na području FBiH
An Analysis of the Knowledge of the Expert Staff Employed at STP in 2018 in the Field of FbiH
Mustafić Ibrahim, Klisura Fuad (B&H)
6. Bezbednost eksploatacije motornih vozila sa aspekta izduvne emisije
Exploitation of Motor Vehicle Safety Aspect Exhaust Emissions
Krstić Vojislav, Krstić Božidar (Serbia)

7. Određivanje optimalnog perioda eksploatacije motornog vozila sa ciljem povećanja bezbednosti saobraćaja
Determining the Optimal Period of the Motor Vehicle Exploitation with the Objective to Securing the Security of Traffic
Krstić Vojislav, Krstić Božidar (Serbia)
8. Testiranje, verifikacija i grafička interpretacija modela za vrednovanje efekata uvođenja sistema okolinskog upravljanja
Testing, Verification and Graphic Interpretation of the Model for Evaluating Effects of Introduction of the System Of Environmental Management
Birdahić Vehid, Šišić Muvedet, Imamović Nusret, Goletić Šefket (B&H)
9. The Significance of Garbage Dump 'Smiljevići' in Ecological Health
Zdravstveno-ekološki značaj deponije „Smiljevići“
Prazina Nedžad, Mahmutović Omer, Velić Safet, Papić Sejfo (B&H)
10. Analiza održivosti postrojenja za termičku obradu komunalnog otpada
Analysis of the Sustainability of the Plant for Thermal Wastewater Processing
Jukić Mahmut, Šišić Ifet, Rekanović Sebila (B&H)
11. Registar postrojenja i zagađivanja u Zeničko-Dobojskom kantonu
Registry of Plants and Pollutings in Zenica-Doboj Canton
Šišić Muvedet, Prčanović Halim, Duraković Mirnes, Beganović Sanela, Goletić Šefket (B&H)
12. Analiza preventivnih mjera zaštite od požara javnih objekata
Analysis of Preventive Measures Protect of Fire in Public Building
Franjić Paula, Puce Milenko, Rožić Miroslav (B&H)
13. Uticaj radnog dana, smjene i perioda u smjeni na broj povreda na radu – primjer Rudnika Abid Lolić Bila
Effect of Working Day, Shift and Shift Part on the Number of Violations at Work - Example Coal Mine Abid Lolić
Jašarević Sabahudin, Karić Munir, Imamović Mustafa (B&H)

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