

4th International Conference “New Technologies NT-2018”
4. internacionalna konferencija “Nove tehnologije NT-2018”

ACADEMY OF SCIENCES AND ARTS
OF BOSNIA AND HERZEGOVINA
SOCIETY FOR ROBOTICS
OF BOSNIA AND HERZEGOVINA
“DŽEMAL BIJEDIĆ” UNIVERSITY
OF MOSTAR
UNIVERSITY OF SARAJEVO
UNIVERSITY OF TUZLA
UNIVERSITY OF ZENICA
SARAJEVO SCHOOL OF SCIENCE
AND TECHNOLOGY
INTERNATIONAL UNIVERSITY
OF SARAJEVO
INTERNATIONAL “BURCH” UNIVERSITY
OF SARAJEVO
FOREIGN TRADE CHAMBER
OF BOSNIA AND HERZEGOVINA
SOCIETY FOR ADVANCED
TECHNOLOGY OF SARAJEVO
TECHNOLOGY PARK “INTERA” OF MOSTAR

AKADEMIJA NAUKA I UMJETNOSTI
BOSNE I HERCEGOVINE
DRUŠTVO ZA ROBOTIKU
U BOSNI I HERCEGOVINI
“DŽEMAL BIJEDIĆ” NIVERZITET
U MOSTARU
UNIVERZITET U SARAJEVU
UNIVERZITET U TUZLI
UNIVERZITET U ZENICI
SARAJEVSKA ŠKOLA ZA
NAUKU I TEHNOLOGIJU
INTERNACIONALNI UNIVERZITET U
SARAJEVU
INTERNACIONALNI “BURCH” UNIVERZITET
U SARAJEVU
VANJSKOTRGOVINSKA KOMORA
BOSNE I HERCEGOVINE
DRUŠTVO ZA NAPREDNE
TEHNOLOGIJE SARAJEVO
TEHNOLOŠKI PARK “INTERA” U MOSTARU

NT-2018

CONFERENCE | PROGRAM PROGRAM | KONFERENCIJE



Sarajevo
Bosnia and Herzegovina
28th-30th June 2018

Sarajevo
Bosna i Hercegovina
28.-30. Juna 2018.

4th International Conference "New Technologies NT-2018"
4. Internacionalna konferencija „Nove tehnologije NT-2018“

ACADEMY OF SCIENCES AND ARTS OF BOSNIA AND HERZEGOVINA SOCIETY FOR ROBOTICS OF BOSNIA AND HERZEGOVINA "DŽEMAL BIJEDIĆ" UNIVERSITY OF MOSTAR UNIVERSITY OF SARAJEVO UNIVERSITY OF TUZLA UNIVERSITY OF ZENICA SARAJEVO SCHOOL OF SCIENCE AND TECHNOLOGY INTERNATIONAL UNIVERSITY OF SARAJEVO INTERNATIONAL "BURCH" UNIVERSITY OF SARAJEVO FOREIGN TRADE CHAMBER OF BOSNIA AND HERZEGOVINA SOCIETY FOR ADVANCED TECHNOLOGY OF SARAJEVO INTERA TECHNOLOGY PARK MOSTAR	AKADEMIJA NAUKA I UMJETNOSTI BOSNE I HERCEGOVINE DRUŠTVO ZA ROBOTIKU U BOSNI I HERCEGOVINI "DŽEMAL BIJEDIĆ UNIVERZITET U MOSTARU UNIVERZITET U SARAJEVU UNIVERZITET U TUZLI UNIVERZITET U ZENICI SARAJEVSKA ŠKOLA ZA NAUKU I TEHNOLOGIJU INTERNACIONALNI UNIVERZITET U SARAJEVU INTERNACIONALNI "BURCH" UNIVERZITET U SARAJEVU VANJSKOTRGOVINSKA KOMORA BOSNE I HERCEGOVINE DRUŠTVO ZA NAPREDNE TEHNOLOGIJE SARAJEVO INTERA TEHNOLOŠKI PARK MOSTAR
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*4th International Conference
NEW TECHNOLOGIES
DEVELOPMENT AND APPLICATION
„NT-2018“*

CONFERENCE | PROGRAM
PROGRAM | KONFERENCIJE

Sarajevo Bosnia and Herzegovina 28 th -30 th June 2018	Sarajevo Bosna i Hercegovina 28-30. juna 2018.
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CONFERENCE PROGRAM
PROGRAM KONFERENCIJE

Thursday/Četvrtak, 28 June 2018

Registration of participants and Welcome drink 18:00

Friday/Petak, 29 June 2018

Registration - Registracija učesnika

8:00 - 9:30

Hall/Sala ANU BiH, Bistrik 7, Sarajevo

Opening - Svečano otvaranje 4th Conference "NT-2018"

Welcoming speech/Pozdravna riječ

Opening Conference/Otvaranje Konferencije

Hall/Sala ANU BiH, Bistrik 7, Sarajevo

9:30 - 10:00

Friday/Petak, 29 June 2018

Plenary Session - Plenarna sjednica

10:00 – 12:00

Moderators: Prof. Isak Karabegović, PhD., Academician Zijad Haznadar, Prof. Sead Pašić, PhD., Prof. Salah-Eldin Omer, PhD., Prof. Fuad Čatović, PhD., Prof. Safet Isić, PhD.

- 001** **Mirsad Hadžikadić**
POSSIBILITIES AND CHALLENGES OF INFORMATION AND COMMUNICATION TECHNOLOGIES WITH A FOCUS ON BOSNIA AND HERZEGOVINA
Mogućnosti i izazovi informaciono komunikacionih tehnologija sa osvrtom na Bosnu i Hercegovinu
- 002** **Mehmet Zeyrek**
NEW TECHNOLOGIES AND INNOVATION AT CERN
Nove tehnologije i inovacije u CERN-u
- 003** **Ahmed Kovačević**
MODELLING OF MULTIPHASE TWIN SCREW MACHINES
Modeliranje multifaznih vijčanih mašina
- 004** **Sadko Mandžuka**
COOPERATIVE SYSTEMS IN TRAFFIC TECHNOLOGY AND TRANSPORT
Kooperativno upravljanje u tehnologiji prometa i transportu

Coffee break - Kafe pauza

12:00 - 12:30

Friday/Petak, 29 June 2018

Session - Sekcija I: 12:30 - 16:00

Moderators: Nermina Zaimović-Uzunović, Ivan Balashev

Sekretary: Emir Nezirić

(Lunch break - Pauza za ručak 14:00-15:00)

- I 01** **Nermina Zaimović-Uzunović, Ernad Bešliagić, Almir Porča**
NUMERICAL ANALYSIS OF MATERIAL FATIGUE IMPACT
ON BICYCLE FRAME SAFETY IN ACCORDANCE WITH EN 14764
*Numerička analiza uticaja zamora materijala na sigurnost rama bicikla u skladu
SA EN 14764*
- I 02** **Aleksandra Koprivica, Nikola Šibalić, Milan Vukčević, Mirjana Jokanović**
THE INFLUENCE OF THE TOOL GEOMETRY ON THE
QUALITY OF THE WELD IN FSW PROCESS
Uticaj geometrije alata na kvalitet zavara kod procesa FSW
- I 03** **Samir Lemeš, Anel Baručija**
DIMENSION MEASUREMENT OF INJECTION MOULDED TOYBRICKS
Mjerenje dimenzija igračaka za sklapanje izrađenih brizganjem plastike
- I 04** **Nikola Knezović, Angela Topić**
WIRE AND ARC ADDITIVE MANUFACTURING (WAAM) – A NEW ADVANCE
IN MANUFACTURING
*Aditivna proizvodnja pomoću električnog luka i žice - nova tehnologija
proizvodnje*
- I 05** **Derviš Mujagić, Aida Imamović, Mirsada Oruč, Sulejman Muhamedagić**
ANALYSIS OF THE TYPE AND CHEMICAL CONTENT OF THE INCLUSION
ON SEM OF THE STAINLESS STEEL WITH AND WITHOUT THE ADDITION
OF Zr AND Te
*Analiza tipa i hemijskog sastava uključaka na SEM-u nehrđajućeg čelika sa i bez
dodatka Zr i Te*
- I 06** **Ivan Balashev, Mariel Penev, Ivan Stoyanov, Radoslav Balashev**
STRENGTH AND DEFORMATION CALCULATION OF FLAT O-SPRINGS
Proračun čvrstoće i deformacija ravnih O-opruga
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- I 07** **Edin Terzić, Raif Seferović, Narcisa Jarović-Bajramović**
PROTOTYPE APPARATUS FOR CALIBRATION CONTACT SENSORS FOR MEASURING THE TEMPERATURE OF A SOLID SURFACE
Prototipni aparati za kalibraciju kontaktnih senzora za mjerenje temperature čvrste površine
- I 08** **Edina Karabegović, Edin Šemić, Safet Isić**
AUTOMATIC CONTROL OF TUBE HYDROFORMING PROCESS IN EXPERIMENTAL CONDITIONS
Automatsko upravljanje procesom hidrooblikovanja cijevi u eksperimentalnim uslovima
- I 09** **Mehmed Mahmić, Edina Karabegović, Ermin Husak**
ANALYSIS AND DETERMINATION OF FRICTION IN HYDROFORMING PROCESS OF CROSS TUBE
Analiza i određivanje trenja u procesu hidrooblikovanja račve
- I 10** **Janez Gotlih, Miran Brezočnik, Igor Drstvenšek, Timi Karner**
INFLUENCE OF INJECTION MOLDING PROCESS PARAMETERS ON PART QUALITY
Utjecaj parametara procesa brizganja na kvalitet komada
- I 11** **Belma Fakić, Adisa Burić, Edib Horoz**
SCIENCE OF METALS THROUGH LENS OF MICROSCOPE
Nauka o metalima kroz objektiv mikroskopa
- I 12** **Tonkonogyi Vladimir, Yakimov Alexey, Bovnegra Liubov**
INCREASE OF PERFORMANCE OF GRINDING BY PLATE CIRCLES
Povećanje performansi brušenja diskovima
- I 13** **Ermin Husak, Eržad Haskić**
ANALYSIS OF TORSIONAL VIBRATION OF THE ENGINE CONNECTED WITH PROPELLER THROUGH PAIR OF GEARS
Analiza torzionih vibracija motora spojenog propelerom preko para zupčanika
- I 14** **Emir Nezirić, Safet Isić, Isak Karabegović, Avdo Voloder**
FEM MODEL OF MISALIGNED ROTATIONAL SYSTEM WITH ROTATING LOOSENESS
MKE model nesaosnog rotacionog sistema sa zazorom u ležaju
- I 15** **Darko Šunjić, Stipo Buljan**
APPLICATION OF EXPLOSIVES IN METAL FORMING PROCESS
Primjena eksploziva u obradi deformiranjem
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Session - Sekcija II:12:30 -16:00

Moderators: **Salah-Eldien Omer, Samir Vojić**

Sekretary: **Milena Đukanović**

(Lunch break - Pauza za ručak 14:00-15:00)

- II 01 Isak Karabegović, Riaz Mirza**
AUTOMATION OF THE WELDING PROCESS BY USE OF INDUSTRIAL ROBOTS
Automatizacija procesa zavarivanja korištenjem industrijskim robotima
- II 02 Avdo Voloder**
APPLICATION OF ITERATIVE METHODS TO SOLVE INVERSE KINEMATICS PROBLEM OF ROBOT
Primjena iterativne metode na rješavanje inverznog kinematskog problema robota
- II 03 Timi Karner, Janez Gotlih, Boštjan Razboršek, Karl Gotlih**
PARAMETER FITTING FOR SOFT DIELECTRIC ELASTOMER ACTUATOR
Podešavanje parametara za aktuator sa mekim dielektričnim elastomerom
- II 04 Salah-Eldien Omer**
TIMBER CONSTRUCTION AND ROBOTS
Drvene konstrukcije i roboti
- II 05 Samir Vojić**
CLAUD ROBOTICS
Claud robotika
- II 06 Milena Djukanovic, Rade Grujicic, Luka Radunovic, Vuk Boskovic**
CONCEPTUAL SOLUTION OF THE ROBOTIC ARM/PLOTTER
Konceptualno rješenje robotske ruke/plotera
- II 07 Milos Bujanja, Marina Mijanovic Markus, Milena Djukanovic, Mihailo Vujovic**
ROBOT FOR CLEANING VENTILATION DUCTS
Robot za čišćenje ventilacionih cijevi
- II 08 Miljan Rugar, Zlata Jelačić, Remzo Dedić, Adisa Vučina**
POWER AND CONTROL SYSTEM OF KNEE AND ANKLE POWERED ABOVE-KNEE PROSTHESIS
Pogonski i upravljački sustav natkoljениčne proteze pogonjene u koljenu i gležnju
- II 09 Zlata Jelačić, Boran Pikula**
VIBRATION ANALYSIS OF MOTORCYCLE HANDLES
Analiza vibracija ručki motocikla
- II 10 Sergiy Kovalevskyy, Olena Kovalevska, Raul Turmanidze**
ACOUSTIC DIAGNOSTICS OF LEVER MECHANISMS WITH SUBSEQUENT PROCESSING OF DATA ON NEURAL NETWORKS
Akustička dijagnostika polužnih mehanizama sa subsekventnom obradom podataka na neuronskim mrežama
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Session - Sekcija III: 12:30 -16:00

Moderators: **Amir Ganić, Vildana Alibabić**

Sekretary: **Sabina Begić**

(Lunch break - Pauza za ručak 14:00-15:00)

- III 01 Vildana Alibabić, Azra Skender, Melisa Oraščanin, Ibrahim Mujić**
APPLICATION OF MULTIVARIATE STATISTIC TO CLASSIFY
BLUEBERRY FRUITS
*Primjena multivarijantne statistike u klasifikaciji
plodova borovnice*
- III 02 Selma Osmić, Sabina Begić, Vladan Mičić**
THE EFFECT OF CONCENTRATION OF METHANOL AS A SOLVENT ON
THE ANTIOXIDATIVE ACTIVITY OF SAGE EXTRACT
*Uticaj koncentracije metanolakao otapala na antioksidativno dejstvo ekstrakta
žalfije*
- III 03 Sabina Begić, Vladan Mičić, Darko Manjenčić**
MODELING THE EXTRACTION PROCESS OF SAGE (SALVIA OFFICINALIS
L.) WITH SUPERCRITICAL CO₂
AT DIFFERENT TEMPERATURES
*Modelovanje procesa ekstrakcije žalfije (salvia officinalis l.) pri različitim
temperaturama sa superkritičnim CO₂*
- III 04 Ramzija Cvrk, Azra Begović, Snježana Marić, Nils V. Juul**
THE EFFECT OF TECHNOLOGICAL PROCESS ON PHYSICO -CHEMICAL
AND NUTRITIONAL PROPERTIES OF SOUR CHERRIES PRODUCTS
*Uticaj tehnološkog postupka na fizikalno-hemijska i nutritivna svojstva proizvoda
od višnje*
- III 05 Zemira Delalić**
OCCURRENCE OF APPLE POWDERY MILDEW, *Podosphaera leucotricha*
(Ellis. & Everh.) E.S. Salmon IN NORTH-WESTERN REGION
OF BOSNIA AND HERZEGOVINA
*Pojava pepelnice jabuke, Podosphaera leucotricha (Ellis. & Everh.) E.S. Salmon u
sjevero-zapadnom djelu Bosne i Hercegovine*
- III 06 Amir Ganić, Munevera Begić, Enver Karahmet**
APPLICATION OF NEW TECHNOLOGIES IN MEAT PROCESSING INDUSTRY
IN THE FUNCTION OF IMPROVEMENT OF TOTAL QUALITY OF
PRODUCTS AND CONSUMER PROTECTION
*Primjena novih tehnologija u mesoprerađivačkoj industriji u funkciji poboljšanja
ukupnog kvaliteta proizvoda i zaštite potrošač*
- III 07 Mario Krzyk, Darko Drev**
THE IMPACT OF WATER ON PVC FLOOR COVERINGS
Uticaj vode na pvc podne obloge
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- III 08 Jovana Jovanovic, Svetlana Stevovic**
EXPOSURE TO PM₁₀ AEROSOL PARTICLES AND OTHER AERIAL POLLUTANTS IN THE CAPITAL CITY OF MONTENEGRO
Izloženost PM₁₀ aerosol cesticama i drugim vazдушnim zagadjivacima u glavnom gradu Crne Gore
- III 09 Milutin M. Milosavljević, Milan M. Milosavljević, Milutin Živković, Ljiljana Pecić**
NEW TECHNOLOGICAL PROCEDURES FOR PRODUCTION THIONCARBAMATES (SELECTIVE FLOTATION REAGENTS)
Novi tehnološki postupci proizvodnje tionkarbamata (selektivni flotoreagensi)
- III 10 Ekrem Pehlić, Husein Nanić, Huska Jukić, Aldina Aldžić**
DETERMINATION OF HEAVY METALS IN HAIR DYES BY THE ATOMIC ABSORPTION SPECTROPHOTOMETRY
Detekcija teških metala u bojama za kosu pomoću atomske apsorpcione spektrofotometrije
- III 11 Melisa Zulić, Huska Jukić, Asmir Aldžić, Adnan Čehajić**
MICROBIOLOGICAL ANALYSIS OF SURFACE WATERS IN THE AREA OF NATIONAL PARK „UNA“
Mikrobiološka analiza površinskih voda na području „Nacionalnog parka Una“
- III 12 Ekrem Pehlić, Aida Šapčanin, Husein Nanić, Adnan Čehajić**
THE CONTENT OF HEAVY METALS IN „PET“ BOTTLES OF DRINKING WATER AND ITS ELECTRICAL CONDUCTIVITY
Sadržaj teških metala u „PET“ ambalaži vode za piće i njena elektroprovodljivost
- III 13 Asmir Aldžić, Huska Jukić, Kanita Dedić, Amela Dubinović-Rekić**
RESEARCH OF ANTIMICROBIAL RESISTANCE OF CLINICAL IMPORTANT MULTI-RESISTENT GRAM NEGATIVE BACTERIAL ISOLATES IN THE UNASANA CANTON AREA
ISTRAŽIVANJE ANTIMIKROBNE REZISTENCIJE KLINIČKI ZNAČAJNIH Multirezistentnih gram negativnih bakterijskih izolata na području Unsko-Sanskog Kantona
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Session - Sekcija IV: 16:00 -19:00

Moderators: Lejla Banjanovic-Mehmedovic, Miroslav Vujić

Sekretary: Jasmina Pašagić Škrinjar

(Coffee break - Kafe pauza 17:00-17:30)

- IV 01 Lejla Banjanovic-Mehmedovic, Mirzet Zukic**
WIRELESS SENSOR NETWORK BASED ALARM DETECTION AND
MONITORING OF CYBER-PHYSICAL SYSTEM WITH MOBILE ROBOT
INSPECTION
*Detekcija alarma i monitoring cyber-fizičkog sistema baziran na bežičnoj
senzorskoj mreži i inspekciji pomoću mobilnog robota*
- IV 02 Zlatan Jukić, Muhammad Arshad**
REVIEW OF SIMULATION BASED COMPARISON OF VANET PROTOCOLS
*Evaulacija i analiza performansi VANET protokola na bazi poređenja rezultata
simulacije*
- IV 03 Martin Gregurić, Sadko Mandžuka, Edouard Ivanjko**
RAMP METERING ON URBAN MOTORWAYS
Upravljanje priljevnim tokovima na urbanima autocestama
- IV 04 Pero Škorput, Sadko Mandžuka, Markus Schatten**
TERMINOLOGY EXTRACTION TO BUILD AN ONTOLOGY OF INTELLIGENT
TRANSPORT SYSTEMS
Izgradnja rječnika ontologije inteligentnih transportnih sustava
- IV 05 Miroslav Vujić, Sadko Mandžuka, Luka Dedić**
COOPERATIVE VEHICLE ACTUATED TRAFFIC CONTROL IN URBAN
AREAS
Kooperativno prometno ovisno upravljanje prometom u gradovima
- IV 06 Malik Čabaravdić, Sanela Čančar, Anel Husaković**
APPLICATION OF MINI COMPUTERS AND RFID TECHNOLOGY IN
AUTOMATION
Primena mini računara i rfid tehnologija u automatizaciji
- IV 07 Jasmina Pašagić Škrinjar, Pero Škorput, Martina Furdić**
APPLICATION OF UNMANNED AERIAL VEHICLES IN LOGISTIC
PROCESSES
Primjena bespilotnih letjelica u logističkim procesima
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Session - Sekcija V: 16:00 -19:00

Moderators: Fuad Ćatović, Ramo Šendelj

Sekretary: Lucija Brezočnik

(Coffee break - Kafe pauza 17:00-17:30)

- V 01** **Ramo Šendelj, Ivana Ognjanović**
CYBER SECURITY CAPACITY BUILDING PLANNING WITHIN ORGANISATIONS
Planiranje i izgradnja sajber bezbjednostnih kapaciteta unutar organizacije
- V 02** **Matej Babič, Isak Karabegović, Sanda Ipšič Martinčič, Gyula Varga**
NEW METHOD OF SEQUENCES SPIRAL HYBRID USING MACHINE LEARNING SYSTEMS AND ITS APPLICATION TO ENGINEERING
Novi metod sekvencijskog spiralnog hibridnog korišćenja sistema mašinskog učenja i njegove primene na inženjering
- V 03** **Lucija Brezočnik, Vili Podgorelec**
APPLYING WEIGHTED PARTICLE SWARM OPTIMIZATION TO IMBALANCED DATA IN SOFTWARE DEFECT PREDICTION
Primenjivanje ponderisane optimizacije rojem čestica na neuravnoteženim podacima u predviđanju softverskih defekata
- V 04** **Elvis Hozdić, Zoran Jurković**
CYBERNETIZATION OF INDUSTRIAL PRODUCT-SERVICE SYSTEMS IN NETWORK ENVIRONMENT
Kibernetizacija industrijskih proizvodno-servisnih sistema u mrežnom okruženju
- V 05** **Saša M. Ćuković, William R. Taylor, Ionuț G. Ghionea**
TECHNOLOGY-ENHANCED SYSTEMS IN IDIOPATHIC SCOLIOSIS 3D DIAGNOSIS AND SCREENING
Tehnologijom unapređeni sistemi za 3D dijagnostiku i skleringidiopatskih skolioza
- V 06** **Savo Stupar, Mirha Bičo Ćar, Elvir Šahić**
THE ROLE OF HADOOP TECHNOLOGY IN THE IMPLEMENTATION OF BIG DATA CONCEPT
Uloga hadoop tehnologije u implementaciji big data koncept
- V 07** **Mirha Bičo Ćar, Savo Stupar, Elvir Šahić**
ECONOMIC ASPECTS OF THE APPLICATION OF CLOUD COMPUTING
Ekonomski aspekti aplikacije cloud computing
- V 08** **Omer Kurtanović, Lejla Dacić**
SUPPORTPARAMETRIC VECTOR ANALYSIS OF AVAILABLE RESOURCES FOR MINIMISATION OF PROJECT DURATION–FOUR VARIETIES OF CONDITIONS
Vektorska parametarska analiza raspoloživih resursa za minimizaciju trajanja projekta – četiri varijante uslova
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- V 09** **Titu Aurel Mihail, Pop Alina Bianca, Titu Stefan**
CONTRIBUTIONS TO IMPROVE THE SUSTAINABILITY IN SERVICES
BASED ORGANIZATIONS
Prilog za poboljšanje održivosti u organizacijama baziranim na uslugama
- V 10** **Alim Abazović, Dragi Tiro, Fuad Čatović**
NEW TECHNOLOGIES IN EDUCATION AT "DŽEMAL BIJEDIĆ"
UNIVERSITY IN MOSTAR
Nove tehnologije u obrazovanju na Univerzitetu "Džemal Bijedić" u Mostaru

Session - Sekcija VI: 16:00 -19:00

Moderators: Gordana Jovanovic Dolecek, Predrag Dašić

Sekretary: Safet Isić

(Coffee break - Kafe pauza 17:00-17:30)

- VI 01** **Nihad Hodžić, Sadjit Metović, Anes Kazagić**
LABORATORY SUPPORT FOR THE SELECTION OF SUSTAINABLE
COMBUSTION TECHNOLOGY IN THE LIGHT OF CONSTRUCTION OF
NEW THERMOBLOCKS IN BOSNIA AND HERZEGOVINA
- Example: Thermoblock 8 in Thermal Power Plant Kakanj
Laboratorijska podrška izboru održive tehnologije sagorijevanja- primjer: blok 8
u TE Kakanj
- VI 02** **Milutin Živković, Predrag Dašić, Zvonko Petrović**
INFLUENCE OF NEW TECHNOLOGIES ON HIGHER ENERGY EFFICIENCY
OF HYDROSTATIC DEVICES AND SYSTEMS
Uticaj novih tehnologija na visoku energetska efikasnost hidrostatskih uređaja i
sistema
- VI 03** **Krsto Batinić, Dušan Golubović, Stojan Simić, Goran Orašanić**
DESIGN OF PICO HYDROPOWER PLANTS
FOR RURAL ELECTRIFICATION
Projektovanje piko hidroelektrane za potrebe elektrifikacije ruralnih područja
- VI 04** **Tomović Radoslav, Tomović Aleksandar, Mumović Marko, Vujošević Vuk**
DEVELOPMENT OF CONSTRUCTION OF MINI HYDRO POWER PLANT
MODEL BASED ON PELTON TURBINE
Razvoj konstrukcije modela mini hidroelektrane na bazi peltonove turbine
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- VI 05** **Cristiana Delprete, Arian Bisha, Erjon Selmani**
GAS ESCAPE FROM COMBUSTION CHAMBER TO CRANKCASE, ANALYSIS OF A SET OF PARAMETERS AFFECTING THE BLOW BY
Isticanje gasova iz prostora za izgaranje u karter, analiza skupa parametara koji utiču na prodiranje
- VI 06** **Blago Pehar, Elvir Zlomušica, Suad Zalihić**
THE TURBULENCE INTENSITY OF THE WIND BORA
Intenzitet turbulencije brzine vjetrova bure
- VI 07** **Branislav Gavrilovic, Zoran Bundalo**
THE FILTER-COMPENSATION DEVICE APPLICATIONS TO THE AC 25 KV 50 HZ AC OF SERBIAN RAILWAYS
Primena kompenzacionih filtera u monofaznom elektrovoćnom sistemu 25 KV, 50 HZ železnice Srbije
- VI 08** **Gordana Jovanovic Dolecek, Isak Karabegovic**
COMB-BASED DECIMATOR FOR MULTIPLES-OF-FIVE DECIMATION FACTORS
Cesljasti filter za decimacione faktore koji su djeljivi sa tri
- VI 09** **Blerina Zanaj, Fatjon Shaba, Majlinda Belegu, Ggerti Boshnjaku**
A MULTIFUNCTIONAL PLATFORM FOR ELDERS' ASSISTING TO LIVE ALONE
Multifunkcionalna platforma za pomoć starima za samostalan život
- VI 10** **Aleksandar Košarac, Dejan Romić, Goran Orašanin, Jovana Blagojević**
OPTIMIZATION OF WATER SUPPLY SYSTEM USING SOFTWARE EPANET 2.0
Optimizacija vodovodnog sistema upotrebom softverskog paketa epanet 2.0
- VI 11** **Merima Šahinagić - Isović, Marko Čećez, Fuad Čatović**
NANOTECHNOLOGY IN CIVIL ENGINEERING
Nanotehnologija u građevinarstvu
- VI 12** **Admir Mulahusić, Jusuf Topoljak, Nedim Tuno, Karlo Ajvazović**
THE POSSIBILITIES OF THE CADASTRAL LAND USE ASSESSMENT BY THE METHODS OF REMOTE SENSING
Mogućnosti određivanja katastarske kulture zemljišta metodama daljinskih istraživanja
- VI 13** **Mahmut Jukić, Ifet Šišić**
ANALYSIS OF THE ENERGY POTENTIAL OF ORGANIC BIODEGRADABLE PART OF MUNICIPAL WASTE
Analiza energijskog potencijala organskog biorazgradivog dijela komunalnog otpada
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Friday-Petak, 29 June 2018 in 20:00

Dinner for participants

RESTORANT

„Morića Han“

BAŠĆARŠIJA

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SARAJEVO

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Zajednička večera učesnika

RESTORAN

„Morića Han“

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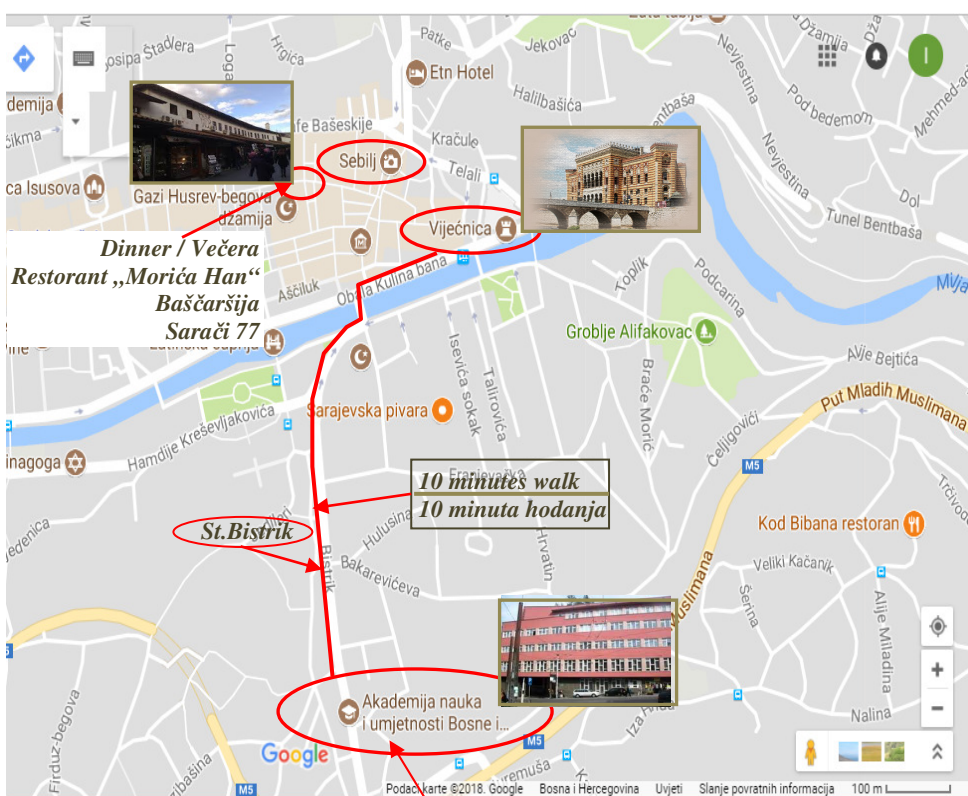
Saturday/Subota, 30 June 2018 in 11:00

<i>Final Plenary Session</i>	<i>Završna plenarna sjednica</i>
<i>4th Conference „NT-2018“</i>	<i>4. Konferencije „NT-2018“</i>

4th International Conference "New Technologies NT-2018"
4. Internacionalna konferencija „Nove tehnologije NT-2018“

Conference venue
"New Technologies NT-2018"
28th-30th June 2018
Academy of Sciences and Arts
of Bosnia and Herzegovina
St.Bistrik 7
SARAJEVO

Održavanje konferencije
„Nove tehnologije NT-2018“
28-30. juni 2018.
Akademija nauka i umjetnosti
Bosne i Hercegovine
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