Europass Curriculum Vitae

Personal information

First name / Surname	**Fuad Hadžikadunić**
Address	Fakultetska br. 1, 72 000 Zenica, Bosnia and Herzegovina
Telephone	+387 32 449 134
Fax	+387 32 246 612
E-mail	hfuad@mf.unze.ba
Web	www.mf.unze.ba
Nationality	Bosnian
Date and place of birth	30/06/1970, Zenica
Gender	male

Employment

Date	1. January 1999. onwards
Name and address of employer	**University of Zenica,** Street: Fakultetska 23, 72 000 Zenica, Bosna and Herzegovina www.unze.ba
Occupation or position held	Full professor
Type of business or sector	Higher education
Title elections	29. 12. 2022. Full professor for the scientific field of "Mechanical Construction" at the Faculty of Mechanical Engineering, University of Zenica, decision number: 01-02-5-2729/22, dated 07/22/2022. years 28. 12. 2016. Assoc. professor in the scientific field, "Machine Construction" at Faculty of Mechanical Engineering in Zenica, Decision No: 01-02-1-4286/16. 25. 01. 2012. Assistant professor in the scientific field, "Machine Construction" at Faculty of Mechanical Engineering in Zenica, Decision No: 01-108-304-0184/12 02. 04. 2011. Senior Assistant for the subject "Numerical Modeling of Structures" at the Department of Civil Engineering of the Polytechnic faculty, University of Zenica, Decision No. 01-103-016-1333/11 02. 04. 2011. Senior Assistant for subjects "Strength of Materials I" and "Strength of Materials II" at the Department of Civil Engineering of the Polytechnic faculty, University of Zenica, Decision No. 01-103-016-1326/11 02. 04. 2011. Senior Assistant for the subject "Information Technology" at the Department of Civil Engineering of the Polytechnic faculty, University of Zenica, Decision No. 01-103-016-1310/11 02. 04. 2011. Senior Assistant for subjects "Mechanics I"and "Mechanics II" at the Department of Civil Engineering of the Polytechnic faculty, University of Zenica, Decision No. 01-103-016-1298/11 26. 03. 2008. Senior assistant in the scientific field "Engineering Design" Faculty of Mechanical Engineering, University of Zenica, Decision No. 01-108-304-0295/08-16

07. 09. 2006. Senior Assistant for the subject "Information Technology" at the Faculty of Economics, University of Zenica, Decision No. 01-108-304-0812/06
16. 03. 2005. Senior assistant for subjects "Metallurgical machines" and "Transportation equipment" at the Faculty of Mechanical Engineering, University of Zenica, Decision No. 162/05
04. 04. 2000. Assistant in the scientific field "Transportation equipment" at Faculty of Mechanical Engineering in Zenica, Decision No. 01-361-6/00
08. 09. 1998. Assistant in the scientific field "Metallurgical machines" Faculty of Mechanical Engineering in Zenica, Decision No. 01 1122/98

Research Titles

22. 06. 2011. Research Associate in the scientific field "Structures and CAD technology" at Faculty of Mechanical Engineering, University of Zenica, Decision No. 01-108-304-2324/11
02. 03. 2011. Research Associate in the scientific field "Mechanics" at Faculty of Mechanical Engineering, University of Zenica, Decision no. 01-108-304-0776/11

Main activities and responsibilities

- Vice-rector for scientific-research work of the University of Zenica from March 29, 2023.
- Employee member of the Board of the University of Zenica, from August, 2022. to March 2023.
- Head of the Department of Constructions and CAD Technologies from 02/27/2019., the first mandate, from 28.02.2023. the second
- President of the Ethics Commission of the University of Zenica from February 28, 2023. year,
- Dean of the Faculty of Mechanical Engineering, University of Zenica, since July 11, 2014. until 11.07.2022. in the first and second four-year period,
- Permanent reviewer in the world-indexed Arabian Journal for Science and Engineering since 2015,
- Member of the State Commission for the Evaluation of CEEPUS III networks on behalf of the University of Zenica,
- Teacher responsibilities from the domain of lectures in the subjects of the first cycle: "Means of transport", "Transportation systems", "Resistance of structures", "Technological and sustainable design", "Construction and designing". , "Fundamentals of construction",
- Exercises on subjects of the first cycle: "Theory of mechanisms and machines", "Methodology of engineering design", "Mechanical engineering in metallurgy",
- Exercises on subjects of the II cycle: "Linear theory of structures", "Dynamics and oscillations of complex systems", "Construction of deformation and processing machines", "Measurement of stress and deformation",
- R&D activity: mentorships (graduate theses, master's theses, doctoral dissertations), designing, numerical and experimental research for scientific and research needs and the needs of the industry, publication of research results.
- Jobs and tasks within the Applied Mechanics Laboratory: performing laboratory exercises in the first and second cycle of studies, experimental measurements of technical parameters for the needs of education and NIR research

Work experience

Dates

Name and address of employer

October 1996 to January in 1999.

Company "Željezara Zenica", OJ "Tehnoprojekt"
Occupation or position held

Bulevar Kralja Tvrtka I No. 17, 72000 Zenica, Bosnia i Herzegovina

Main activities and responsibilities

design engineer

development of projects in the field of constructive mechanical engineering

Dates

January 1999 - today

Name and address of employer

University of Zenica Faculty no. 3, 72000 Zenica, Bosnia and Herzegovina

Occupation or position held

Teacher in the title of full professor

Main activities and responsibilities

Duties of the Head of the Department and teacher's obligations within the higher education sector

Education and training

Date

06.09.2011.

Title of qualification awarded

Doctor of Science in Mechanical Engineering

Principal subjects

PhD Thesis: "Contribution to the development of methods of vibrational relaxation of residual stresses on the physical model of welded steel beams", prof. Dr. Sc. Dušan Vukojević - mentor

Name and type of organisation providing education

University of Zenica, Faculty of Mechanical Engineering, Street: Fakultetska 1, 72 000 Zenica, Bosna and Herzegovina

Date	26.06.2004.
Title of qualification awarded	**Master of Science in Mechanical Engineering**
Principal subjects	Postgraduate studies "Construction of machines", average grade 9,25 Master Thesis title: "Contribution to determine the effect of shear forces on the dynamic model of the structure of high-speed cutting machine ", prof. Dr. Dušan Vukojević - mentor
Name and type of organisation providing education	University of Zenica, Faculty of Mechanical Engineering, Street: Fakultetska 1, 72 000 Zenica, Bosna and Herzegovina
Date	1996.
Title of qualification awarded	**Bachelor of Science in Mechanical Engineering**
Principal subjects	Mechanics, average grade 5,0
Name and type of organisation providing education	University of Sarajevo, Faculty of Mechanical Engineering in Zenica, Street: Fakultetska 1, 72 000 Zenica, Bosna and Herzegovina
Date	1989.
Title of qualification awarded	**Mechanical technician**
Principal subjects	Mechanical Engineering in Metallurgy, average grade 8,0
Name and type of organisation providing education	Industrijska škola "10. oktobar", 72 000 Zenica, Bosnia i Herzegovina

Seminars and courses

- Certified "Professional exam" in mechanical engineering, department: production and structural engineering.
- License of the Federal Ministry for the area of design and nostrification.
- License Advisor for testing of the vehicle no. 4492-53-002-R1/13,
- Certified knowledge in the field of " Computer modeling and calculations of structures" – University of Džemal Bijedić - Faculty of Mechanical Engineering in Mostar
- Certified knowledge of the English language V - level, BHM - English Language School,
- Certified knowledge of the German language A 1.2 - level, BHM Zenica,
- Certified knowledge of AutoCAD BHM - Computer School
- Certified participation in the course "MEASUREMENT AND ANALYSIS VIBRATIONS", TRCpro, Technical Development Center, Novi Sad, November, 2007.
- Certified participation in the course " Course on residual stresses - Theory, application and back-calculation with MTS3000 ", SINT Technology, Faculty of Mechanical Engineering Zenica, July 2009.
- Certified participation in the course "Training-and Ultrasonic Wall Thickness-testing", GE Inspection Technologies, Faculty of Mechanical Engineering Zenica, July 2009.
- Certified participation in Federal Economic Chamber - STEIERMARK Business Information Seminar,
- Certified participation in the project OPEN DISTANCE LEARNING - Phare Project Organization in Copenhagen,

Personal skills and competences

Mother tongue **Bosnian**

Other languages

Self-assessment	Understanding				Speaking				Writing	
European level (*)	Listening		Reading		Spoken interaction		Spoken production			
English	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user
German	A1	Basic user	A1	Basic user	A1	Basic user	A1	Basic user	A1	Basic user
Arabic	A1	Basic user	A1	Basic user	A1	Basic user	A1	Basic user	A1	Basic user

Organisational skills and competences

- Vice-rector for scientific-research work of the University of Zenica from March 29, 2023.
- Employee member of the Board of the University of Zenica, from August 30, 2022.,
- Head of the Department of Constructions and CAD Technologies from 02/27/2019., the first mandate, from 28.02.2023. the second
- President of the Ethics Commission of the University of Zenica from February 28, 2023. year,
- Dean of the Faculty of Mechanical Engineering, University of Zenica, since July 11, 2014. until 11.07.2022. in the first and second four-year period,

Technical skills and competences

Analytical, numerical and experimental analysis of static and dynamic characteristics of complex structures in the industry in working and testing conditions; The use of modern measuring equipment in the field of the measurement of system performance, machines and structures (strain, force, acceleration, working and residual strains and stresses, etc.); The use of VSR method for reduction of residual stress in structures; Analysis and vibration measurement; Using the "methodology of the planned experiment" in scientific research and professional applications, etc. Advanced use of software applications: SolidWorks, ANSYS, Matlab, KOMIPS (Computer Designing and Analysis of Structures).

Additional information

Areas of Scientific Interest:

3D CAD and CAE; Design, analysis and optimisation of complex mechanical systems and structures (welded constructions, process constructions, constructions for RES installations, process and production constructions); Measuring experimental static and dynamic analysis of complex mechanical systems and structures, Numerical simulations (Finite Element Method); The analytical and numerical implementation of the "planned experiment"; The analytical and numerical analysis of the complex mechanisms, constructions and machines

Brief overview: 3 peer-reviewed university textbooks, 8 papers in journals, 73 papers in proceedings (conferences, symposia), 196 projects and professional papers (international and national), 20 scientific research projects, participation in 20 EARSMUS+/CEEPUS mobility, mentoring on 4 doctoral dissertations, 3 master's theses and 35 graduate theses

Membership in Scientific and other Organizations:

- President of the Organizing Committee of the 7th Conference: "MAINTENANCE 2022", September 20-21, 2022, Zenica
- Reviewer in the Journal 'Arabian Journal od Mechanical Engineering', (Springer)
- Member of the Scientific and Review Committee: "12th Research/Expert Conference with International Participation – QUALITY 2021", B&H, Neum, 17th.-19th May, 2021.
- President of the Organising Committee of 6th Conference: "MAINTENANCE 2020", November 20-21, 2020, Zenica,
- Editor in Chief of Journal "MAŠINSTVO/MECHANICAL ENGINEERING".
- International Scientific Committee member, B&H: "RESEARCH AND DEVELOPMENT OF MECHANICAL ELEMENTS AND SYSTEMS " 9TH INTERNATIONAL SCIENTIFIC CONFERENCE - IRMES 2019, September 5-7th, 2019, Kragujevac.
- National Committee expert - CEEPUS III scoring of networks and joint programs,
- Committee member, B&H: "Smart Applications & Technologies for Electronic Engineering SATEE 2018", June 21st-23th, 2018, Romania.
- Member of the Scientific and Review Committee: "10th Research / Expert Conference with International Participation - QUALITY 2017", B & H, Neum, 17th - 20th May 2017,
- Member of the review committee of 'MAŠINSTVO' - Journal of mechanical engineering,
- Scientific Committee member, B&H: "International Conference on Manufacturing Engineering and Materials", Slovakia, Novy Smokovec, 5.-10. June, 2016,
  Scientific Committee member, B&H: "8th International Scientific and Expert Conference of the International TEAM Society, TEAM 2016 Technique, Education, Agriculture & Management", Trnava, 2016,
- Organizing Committee member, B&H "5th International Symposium on Environmental and Material Flow Management EMFM 2015", University of Zenica, Faculty of Mechanical Engineering, Zenica, B&H, University of Belgrade, Technical faculty Bor, Serbia, University of Applied Sciences Trier, Environmental Campus Birkenfeld, Germany, Zenica, 5-6-November 2015.
- Scientific Committee member, B&H: "6th International Scientific and Expert Conference of the International TEAM Society, TEAM 2014 Technique, Education, Agriculture & Management", Kecskemét, 10-11. November, 2014,
- Scientific Committee member, B&H: "4th International Scientific and Expert Conference TEAM 2012 (Technique, Education, Agriculture & Management)", Slavonski Brod, 2012.,
- National Committee expert - CEEPUS III scoring of networks and joint programs for 2015/16, 2016/17, 2017/18 academic year,
- Member of the technical committee BAS / TC 29 Means and devices for lifting and carrying loads.
- Member of the Society for Structural Integrity and Life " DIVK "

Publications

BOOKS

1. F. Hadžikadunić, A. Bajtarević-Jeleč, M. Torlo: "Solved test tasks from transport means and systems", IPI, May 2022, ISBN 978-9958-886-27-0 , COBISS.BH-ID 49595654.,
2. M. Imamović, F. Hadžikadunić: ""Solved exam examples in Mechanisms/Zbirka zadataka iz mehanizama i mašina", udžbenik-zbirka zadataka, Univerzitet u Zenici, 2019, ISBN 978-9926-452-15-5, COBISS. BH-ID 27446790..
3. N. Vukojević, F. Hadžikadunić: "Solved exam examples in Mechanical elements / Zbirka riješenih ispitnih zadataka iz mašinskih elemenata", university book, University of Zenica, february 2014.

PAPERS IN JOURNALS

1. Almir Bajtarević, Amna Bajtarević, F. Hadžikadunić (2018): "Processing of municipal waste as an alternative fuel in the cement industry", (Professional paper), Journal of mechanical engineering "MAŠINSTVO", volume 15, number 3 , pp. 159-170, July-September 2018, Zenica, ISSN 1512-5173,
2. N. Mršić, N. Hodžić, A. Talić-Čikmiš, F. Hadžikadunić (2018): THE CONCEPTUAL DESIGN OF A MOBILE HYDRAULIC PLATFORM, Journal - Machine Design, Vol.10(2018) No.2, ISSN 1821- 1259 pp. 37-44,
3. M. Serdarević, M. Čabaravdić, F. Hadžikadunić, A. Talić-Čikmiš, Dž. Tomašević (2018): Simulation of Robot RV-2AJ Using Softwares Solidworks and NI LabVIEW, Journal - Machine Design, Vol.10(2018) No.4, ISSN 1821-1259, E-ISSN 2406-0666, p. 163 – 166,
4. N. Vukojević, N. Gubeljak, M. Terzić, F. Hadžikadunić: "Analysis of the impact of position in fatigue cracks on the fracture toughness of thick-walled pressure vessel material", 21st European Conference on Fracture, ECF21, 20-24 June 2016, Catania, Italy, Journal Elsevier/ScienceDirect Procedia Structural Integrity 02 (2016), pp.2983-2988., ISSN: 2452-3216.
5. A. Talić-Čikmiš, S. Hasanbegović, N. Vukojević, F. Hadžikadunić: "Dodatni naponi zbog savijanja u procesu dubokog izvlačenja / Additional stresses because of the bending in the deep drawing process", časopis "Mašinstvo" 3-4(12) pp. 51 – 55, (2015), ISSN 1512-5173
6. N. Vukojević, M. Oruč, D. Vukojević, F. Hadžikadunić, O. Beganović: "Performance analysis of substitution of applied materials using fracture mechanics parameters", (Original Scientific Paper), Journal Tehnički vjesnik, Vol. 17, No. 4, pp. 411-418, 2010, Slavonski Brod, Croatia, ISSN 1330-3651
7. N. Vukojević, F. Hadžikadunić, M. Šutković: "Review Of Pressure Equipment Directive – PED", Journal "Mašinstvo" No. 1-2, pp. 15-25., january-june 2008., Zenica, ISSN 1512-5173.
8. S. Ekinović, F. Hadžikadunić i N. Vukojević: "Mathematical modeling of the phenomena of theoretical mechanics / Matematičko modeliranje fenomena teorijske mehanike", (Original Scientific Paper), Journal for Mechanical Engineering "MAŠINSTVO", year 3., No. 2, pp. 93-104, april-june 1999., Zenica, ISSN 1512-5173,

CONFERENCE PAPERS

1. F. Hadžikadunić, A. Mujkanović, N. Vukojević, A. Bajtarević-Jeleč (2023): 'Numerical analysis of the construction integrity on the example of a prosthetic device', 14th International Scientific Conference on Manufacturing Engineering DEVELOPMENT AND MODERNIZATION OF THE MANUFACTURING RIM 2023, Sarajevo,
2. Amna Bajtarević-Jeleč, Mersida Manjgo, Nedeljko Vukojević, Fuad Hadžikadunić, Josip Kačmarčik SEAMLESS STEEL PIPE INTEGRITY ASSESSMENT BASED ON SINTAP PROCEDURE AND NUMERICAL ANALYSIS, 10th International scientific and expert conference TEAM 2022, Slavonski Brod, septembar, 2022.
3. Fuad Hadžikadunić; POSSIBILITIES OF APPLICATION OF TENSOMETRIC MEASUREMENTS IN DIAGNOSTIC AND VSR METHODS FOR STRESS REDUCTION AFTER WELDING ELEMNTS OF SHIP LOAD CARYYING SUBSECTIONS, 2nd International Maritime Conference KIMC 2022, 27-30. November 2022, Kotor, Montenegro
4. Sara Jerkić, Fuad Hadžikadunić,Mirza Oruč, Kenan Varda: KREIRANJE MODELA KOŠA POTKOLJENE PROTEZE KORIŠTENJEM 3D SCAN/CAD TEHNOLOGIJA, 6th International scientific conference COMETa, Jahorina, novembar 2022.
5. Bajtarević A., Vukojević N., Hadžikadunić F., Kačmarčik J., Talić-Čikmiš A. (2021): Residual Stress in Pipe Joints Welded with Base and Cellulose Coated Electrode. In: Rackov M., Mitrović R., Čavić M. (eds) Machine and Industrial Design in Mechanical Engineering. KOD 2021. Mechanisms and Machine Science, vol 109. Springer, Cham. https://doi.org/10.1007/978-3-030-88465-9_26
6. F. Hadžikadunić (2021): 'ANALYSIS OF ROPE BASED MECHANISM FOR MOVEMENT OF TELESCOPIC CONVEYOR SEGMENTS', 13th International Scientific Conference on Manufacturing Engineering DEVELOPMENT AND MODERNIZATION OF THE MANUFACTURING RIM 2021, Sarajevo, IOP Conference Series Materials Science and Engineering, DOI: 10.1088/1757-899X/1208/1/012007,
7. A. Imamović, M. Oruč, M. Hadžalić, A. Muminović, A. Talić-Čikmiš, F. Hadžikadunić (2021): 'SLAG AS AN IMPORTANT WASTE FOR RECYCLING' MTSM 2021 - International conference "Mechanical Technologies and Structural Materials", Split, 23-24.09.2021
8. A. Bajtarević, D. Tiro, N. Vukojević, F. Hadžikadunić (2021): " PROTOTYPE OF TOOL POSITIONER USED FOR MANUALLY RESIDUAL STRESS MEASUREMENT", "12th Research/Expert Conference with International Participation – QUALITY 2021", B&H, Neum, 17th.-19th May, 2021, PP149-154.
9. Bešlagić E., Lemeš S., Hadžikadunić F. (2020): Procedure for Determining the Wind Tunnel Blockage Correction Factor. In: Karabegović I. (eds) New Technologies, Development and Application III. NT 2020. Lecture Notes in Networks and Systems, vol 128. Springer, / 6th International Conference, ''NEW TECHNOLOGIES, DEVELOPMENT AND APPLICATION" NT-2020, June 25-27. 2020 Sarajevo, Bosnia and Herzegovina, ISSN 1847-7917, pp 13-20.

10. A. Bajtarević, J. Kačmarčik, N. Vukojević, F. Hadžikadunić (2020): NUMERIČKO I ANALITIČKO ODREĐIVANJE FAKTORA INTENZITETA NAPONA ZA PUKOTINU U CIJEVI, COMETa 2020, Univerzitet u Istočnim Sarajevu, 5. međunarodna naučna konferencija Jahorina, 26-28 nov.2020
11. M. Imamović, F. Hadžikadunić, E. Đulić (2020): ODRŽAVANJE GRAĐEVINSKIH OBJEKATA U INDUSTRIJI, 6. Konferencija „ODRŽAVANJE 2020“, Mašinski fakultet u Zenici, Zenica, Bosna i Hercegovina, 20-21 novembar 2020.
12. M. Imamović, F. Hadžikadunić, A. Talić-Čikmiš, A. Bošnjak (2019): ”Examples of kinematic analysis of complex mechanism using modern software applications”, 9th International Scientific Conference - Research and Development of Mechanical Elements and Systems (IRMES 2019) 5.–7. September 2019., Kragujevac, Serbia / M. Imamović et al. IOP Conf. Series: Materials Science and Engineering 659 (2019) 012019IOP
13. A. Bajtarević, S. Ekinović, F. Hadžikadunić, A. Talić-Čikmiš (2019): ‘’Mathematical modelling of polyurethane foam elasticity measuring process’’, International conference “Mechanical Technologies and Structural Materials MTSM 2019”, 26.-27. September 2019, Croatian Society for Mechanical Technologies, Split, ISSN 1847-7917, pp 13-20.
14. N. Mršić, N. Hodžić, A. Talić-Čikmiš, F. Hadžikadunić (2018): THE CONCEPTUAL DESIGN OF A MOBILE HYDRAULIC PLATFORM, KOD 2018 - MACHINE AND INDUSTRIAL DESIGN IN MECHANICAL ENGINEERING, 6 - 8 June 2018, Novi Sad, Serbia,
15. Serdarević, M., Čabaravdić, M., Hadžikadunić, F., Talić-Čikmiš, A., Tomašević, Dž. (2018): Simulation of robot RV-2AJ using software SolidWorks and NI LabVIEW, 10th International Conference “KOD 2018”, Novi Sad, 06-08. June 2018
16. A. Talić-Čikmiš, F. Hadžikadunić, M. Čabaravdić, K. Varda (2018): OFFLINE NUMERICAL SIMULATION OF 2AJ-RV ROBOT KINEMATIC MECHANISM CAD MODEL USING LABVIEW AND SOLIDWORKS, International conference “Mechanical Technologies and Structural Materials” Split, 27-28.09.2018,
17. S. Hrustić, F. Hadžikadunić, N. Vukojević, A. Bajtarević (2018): NUMERICAL ANALYSIS OF HYDRAULIC TELESCOPIC MAST CONSTRUCTION, 21th International Research/Expert Conference ”Trends in the Development of Machinery and Associated Technology”, TMT 2018, 18-22 September 2018, Karlovy Vary, Czech Republic,
18. M. Imamović, S. Jašarević, F. Hadžikadunić (2018): METHODOLOGY OF ANALYSIS OF FAILURE FOR THE IMPROVEMENT OF RELIABILITY ELEMENTS, 5. Konferencija održavanja „ODRŽAVANJE 2018“, Mašinski fakultet u Zenici, Zenica, Bosna i Hercegovina, 10-12 maj 2018., ISSN 1986-583X pp 59-64,
19. D. Petković, F. Hadžikadunić, D. Kukić, M. Čabaravdić: "Perspectives of dual education system at the university level in Bosnia and Herzegovina", IV International Conference Harmonization of Research and Education with Sustainable Development (HRESDE 2017), November 17.–19. 2017., Shkodra, Albania.
20. A. Bajtarević, F. Hadžikadunić: "Use of the alternative fuels in the cement industry", XVII International Scientific Conference on Industrial Systems (IS'17), October 4.–6. 2017., Novi Sad, Serbia, online at http://www.iim.ftn.uns.ac.rs/is17.
21. Petković, D. Hadžikadunić,F. Subašić,L., Čabaravdić M. (2017): On the Road to Dual Education-Current Trends in Wood Processing Industry of Zenica_Doboj Canton and Region as Guidelines for New Bachelor Study Programe, “Mediteranski kongres prirodnih nauka i inžinjeringa“, MENSEC 2017, Donja Gorica (Crna Gora), 26-28. October 2017
22. N. Vukojević, A. Talić-Čikmiš, F. Hadžikadunić (2017): NUMERICAL ANALYSIS OF THE STRESS-DEFORMATION STATE OF SIGMA PROFILE OF SCRAPER CONVEYOR, MTSM 2017 International Conference Mechanical Technologies and Structural Materials, Split, Croatia, 21-22.09.2017,
23. D. Petković, L. Subašić, M. Čabaravdić, F. Hadžikadunić (2017): "Prilog razvoju koncepta dualnog obrazovanja u akademskom sektoru zapadnog Balkana na bazi iskustva Mašinskog fakulteta Univerziteta u Zenici na kreiranju jednog studijskog programa", XIV međunarodna konferencija ODRŽAVANJE I PROIZVODNI INŽENJERING - KODIP 2017, 14-17.06.2017., Budva, Crna Gora,
24. A. Bajtarević, S. Lemeš, F. Hadžikadunić: "Measurement of roller bearing geometry deviations using coordinate measuring machine", 13th International Conference on Accomplishments in Mechanical and Industrial Engineering DEMI 2017, 26-27th May 2017. Banja Luka,
25. N. Vukojević, M. Imamović, M. Terzić, F. Hadžikadunić: "Statistical analysis of total impact energy of large thick walled pressure vessel", 20th International Research/Expert Conference” Trends in the Development of Machinery and Associated Technology” TMT 2016, Mediteranean Sea Cruise, 24th September-1st October 2016, ISSN 1840-4944, pp. 449-452.
26. N. Vukojević, N. Gubeljak, M. Terzić, F. Hadžikadunić: "Analysis of the impact of position in fatigue cracks on the fracture toughness of thick-walled pressure vessel material", 21st European Conference on Fracture, ECF21, 20-24 June 2016, Catania, Italy, Science Direct Structural Integrity Procedia 02 (2016), pp.2983-2988.
27. A. Bajtarević, F. Hadžikadunić, N. Vukojević: ‘’Numerička analiza viseće jednogredne mosne dizalice, 3rd International Scientific Conference “COMETa 2016”, University of East Sarajevo, Faculty of Mechanical Engineering, Jahorina, 2016.
28. F. Hadžikadunić, N. Vukojević, S. Isić: "The importance of numerical analysis for VSR method application – case studies", Proceedings of TEAM 2015, 7th International Scientific and Expert Conference TEAM 2015 Technique, Education, Agriculture & Management Belgrade, October 15-16, 2015.
29. N. Vukojević, F. Hadžikadunić, A. Talić-Čikmiš, M. Imamović, M. Terzić: "Statistical analysis of fracture mechanics parameters of large structures", 19th International Research/Expert Conference”Trends in the Development of Machinery and Associated Technology” TMT 2015, Barcelona, Spaine, 22-23 July 2015, ISSN 1840-4944, pp 297-300.
30. A. Talić-Čikmiš, A. Durmić, N. Vukojević, F. Hadžikadunić: "Modern Technologies in The Function of Selections Conceptual Design of a New Product", 9th Research/Expert Conference with International Participation" Quality 2015", Neum, B&H, 10.–13. June 2015., ISSN 1512-9268, pp. 141-146.
31. F. Hadžikadunić, N. Vukojević: "Diplomas versus industrial needs", Međunarodna stručna konferencija/International Professional Conference ME4CataLOgue, 4.-5. decembar 2014, pp. 141-144., Slavonski Brod, R. Hrvatska, ISBN 978-953-6048-76-2

32. N. Vukojević, F. Hadžikadunić, M. Imamović: "Experimental Identification of Dynamic Behavior of Vibrating Screen in Coal Mine Separation Department", 18th International Research/Expert Conference "Trends In The Development of Machinery And Associated Technology" TMT 2014, pp. 345-348, Budapest, Hungary, 10-12. September 2014., ISSN 1840-4944.
33. N. Vukojević, F. Hadžikadunić, N. Gubeljak: "Diagnostics and Analysis of the Influence of Cracks on the Integrity of the Thick-walled Pressure Vessels", 6th International Scientific and Expert Conference of the International TEAM Society, TEAM 2014 TEAM 2014 Technique, Education, Agriculture & Management, Kecskemét, 10-11. November, 2014, pp. 434-439, ISBN 978-615-5192-22-7,
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