



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) **Hasanagić Redžo**
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Nationality Bosnia and Herzegovina
Date of birth 12.10.1988.
Gender Male

Desired employment / Occupational field

Work experience

Dates	29.01.2021. →
Occupation or position held	Assistant Professor
Main activities and responsibilities	Coordination activities for the next section: Wood product technology
Name and address of employer	Faculty of Technical Engineering, University of Bihać, Ljubijankićeva bb, 77000 Bihać
Type of business or sector	Education and Research
Dates	09.10.2020. →
Occupation or position held	President - Independent Trade Union of Higher Education and Science of Bosnia and Herzegovina
Name and address of employer	(Branch Technical Faculty Bihać) Faculty of Technical Engineering, University of Bihać, Ljubijankićeva bb, 77000 Bihać
Dates	06.09.2016. → 29.01.2021.
Occupation or position held	Senior teaching assistant
Main activities and responsibilities	Coordination activities for the next section: Processing techniques for wood processing
Name and address of employer	Faculty of Technical Engineering, University of Bihać, Ljubijankićeva bb, 77000 Bihać
Type of business or sector	Education and Research
Dates	13.11.2014. → 06.09.2016.
Occupation or position held	External collaborator
Main activities and responsibilities	Coordination activities for the next section: Processing techniques for wood processing
Name and address of employer	Faculty of Technical Engineering, University of Bihać, Ljubijankićeva bb, 77000 Bihać
Type of business or sector	Education and Research
Dates	01.04.2012. → 01.11.2013.
Occupation or position held	Production Manager
Main activities and responsibilities	Organization of work, preparation of production, organization of arrival of materials needed for production
Name and address of employer	DOO Parquet factory "Bozzy", Kovačevići bb, 77220 Cazin
Type of business or sector	Wood industry

Education and training

Dates	07.06.2017. - 20.10.2020.
Title of qualification awarded	Doctor of Technical Sciences
Principal subjects/occupational skills covered	in the field of wood product technology
Name and type of organisation providing education and training	Technical Faculty, University of Bihać
Level in national or international classification	PhD study (III cycle)
Dates	01.12.2011. – 04.09.2014.
Title of qualification awarded	Master of wood industry
Principal subjects/occupational skills covered	-
Name and type of organisation providing education and training	Technical Faculty, University of Bihać
Level in national or international classification	Masters study (II cycle)
Dates	20.09.2007. – 13.10.2011.
Title of qualification awarded	Bechelor wood industry
Principal subjects/occupational skills covered	
Name and type of organisation providing education and training	Tehnickal Faculty, University of Bihać
Level in national or international classification	Bachelor study (I cycle)

Personal skills and competences

Mother tongue(s) **Bosnian**

Other language(s) **English and German**

Self-assessment
European level ()*

English

German

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B2	Upper intermediate	B2	Upper intermediate	B2	Upper intermediate	B2	Upper intermediate	B2	Upper intermediate
A2	Basic user	A2	Basic user	A2	Basic user	A2	Basic user	A2	Basic user

(*) *Common European Framework of Reference for Languages*

Social skills and competences Good social and communication skills thanks to direct interaction with students through teaching. Devoted to teamwork.

Organisational skills and competences Member of the Organizing Committee of the International Conference „DEVELOPMENT AND MODERNIZATION OF PRODUCTION“2019, 2021

Computer skills and competences

- good command of Microsoft Office™ tools
- good command CAD software: Auto CAD Mechanical Desktop 6, Sketch UP, PRO 100

Driving licence C

Additional information

Professional training and instruction:

1. **Ron Cockroft Award (RCA) 2022** - International awareness of developments in research in wood protection - 2022
2. **Bilateral scholarship of the Government of the Republic of Slovenia 2019-20129 (CMEPIUS)** 01.12.2019. - 29.02.2020. years
3. **Directorate for European Integration BiH**-Project Cycle Management and project preparation-advanced course, April 2018
4. **CE marking for the wood processing sector organized by ECOS** (Institute for Education of the Foreign Trade Chamber of Bosnia and Herzegovina) in cooperation with USAID Sida FIRMA Project, December 2012

Participation in the projects:

1. **Institute for International Cooperation of the German Association of National High Schools** - DVV International - Coordinator for the establishment of the Information System for the Control of Adult Education and Monitoring - ISKOOM USK
2. **Modeling of influence of preparation of environmentally friendly thermally modified wood on its mechanical properties and its durability**- Modeling parameters TMD, Joint scientific research projects within the framework of scientific and technological cooperation between BiH and the Republic of Slovenia in 2019 and 2020
3. **Sprungbrett** - a joint international project implemented by four higher education institutions: University of Bern (Switzerland), University of St. Petersburg (Russia), University of Skopje (Macedonia) and Technical Faculty of the University of Bihać.

List of published book:

1. Konstrukcije proizvoda od drveta – Salah Eldien Omer, **Redžo Hasanagić**, University of Bihać - Faculty of Engineering, ISBN 978-9958-533-14-3

List of published (or accepted for publishing) works in journals:

1. Demiao Chu, Dianen Liang, Zhenhao Ding, **Redžo Hasanagić**, Leila Fath, Zi Yang, Longhao Li, Jianbo Wang; Houye Luo, Qian Wang, Qilin Yan, *A primary study on improvement of heat-treated wood via calcium carbonate in-situ reinforcement*, Journal of Renewable Materials, Accepted
2. Leila Fathi, **Redžo Hasanagić**, Yaghoob Iranmanesh, Nadia Zahabi, Miha Humar, Mohsen Bahmani, Physical and chemical properties of three wild almond wood species grown in zagros forests, Les/Wood, 71(1):23-30, doi: 10.26614/les-wood.2022.v71n01a03
3. **Redžo Hasanagić**, *Optimization of thermal modification of wood by genetic algorithm and classical mathematical analysis*, Journal of Forest Science 2022, 68: 35–45; doi: 10.17221/95/2021-JFS
4. Demiao Chu, **Redžo Hasanagić**, Atif Hodžić, Davor Kržišnik, Damir Hodžić, Mohsen Bahmani, Marko Petrič, Miha Humar, *Application of Temperature and Process Duration as a Method for Predicting the Mechanical Properties of Thermally Modified Timber*, Forests 2022, 13(2), 217; doi:10.3390/f13020217
5. **Redžo Hasanagić**, Sauradiptra Ganguly, Ermin Bajramović and Adem Hasanagić, *Mechanical properties changes in fir wood (abies sp.), linden wood (tilia sp.), and beech wood (fagus sp.) subjected to various thermal modification process conditions*, IOP Conf. Ser.: Mater. Sci. Eng. 2021. 1208 012025, doi: 10.1088/1757-899X/1208/1/012025
6. Ermin Bajramović, Bahrudin Hrnjica, **Redžo Hasanagić**, Emir Bajramović, *Pressure stress modeling on expanded polystyrene materials using genetic programming* IOP Conf. Ser.: Mater. Sci. Eng. 2021. 1208 012013, doi: 10.1088/1757-899X/1208/1/012013
7. **Redžo Hasanagić**, Atif Hodžić i Aldin Bjelić, *Mathematical modelling of the surface roughness in orthogonal cutting of the massive wood*, Taylor & Francis, Wood material science & engineering, pp. 74-80, 2021, doi: 10.1080/17480272.2019.1608297
8. **Redžo Hasanagić**, Atif Hodžić i Milan Jurković, *Modelling and optimization of tensile break force of solid wood elements lengthened by finger joint*, Taylor & Francis, Journal of Adhesion Science and Technology, 34 (9) 2020, doi: 10.1080/01694243.2019.1690266
9. **Redžo Hasanagić**, *Modeliranje sile loma na zatezanje elemenata od masivnog drveta genetskim programiranjem*, Časopis Tehnika Beograd, Vol. 73, No.5, pp. 653-657, 2018, doi: 10.5937/tehnika1805653H

List of published papers at conferences:

10. **Redžo Hasanagić**, Mohsen Bahmani, Leila Fathi, Miha Humar, Mechanical Properties of Thermally Modified Wood after twelve Months of Field Exposure, The International Research Group on Wood Protection, Slovenia, Bled, June, IRG/WP 22-40945, ISSN 2000-8953
- 11.
12. Bahrudin Hrnjica, Ali Danandeh Mehr, Esad Jakupovic, Aladin Crnkic, **Redžo Hasanagić**, *Application of Deep Learning Neural Networks for Nitrate Prediction in the Una River, Bosnia and Herzegovina*, The 7th International Conference on Control, Instrumentation, and Automation (ICCIA2020), University of Tabriz- Iran, February 23-24.2021., Date Added to IEEE Xplore: 16 April 2021, DOI: 10.1109/ICCIA52082.2021.9403565
13. **Redžo Hasanagić**, *Thermal modified wood: a critical review/Termička modifikacija drveta: Kritički pregled*, 12th International Scientific Conference on Production Engineering Development and modernization of production RIM 2019, Sarajevo, Bosnia and Herzegovina, September 2019 (ISSN 2566-328)
14. Atif Hodžić, **Redžo Hasanagić**, *Comparative analysis of conventional and vacuum drying of sawn timber/Uporedna analiza konvencionalnog i vakuumskeg sušenja piljene grade*, 12th International Scientific Conference on Production Engineering Development and modernization of production RIM 2019, Sarajevo, Bosnia and Herzegovina, September 2019 (ISSN 2566-328)
15. Atif Hodžić, **Redžo Hasanagić**, *Renewable energy sources in the wood drying process/Obnovljivi izvori energije u procesu sušenja drveta*, 32. Međunarodni kongres o procesnom inženjerstvu - Procesing '19 (ISBN 978-86-81505-94-6)
16. **Redžo Hasanagić**, Salah E.Omer, Atif Hodžić, *3D vizualizacija namještaja i proizvoda od drveta*, 11. International Scientific Conference on Production Engineering Development and modernization of production RIM 2017, Sarajevo, Bosnia and Herzegovina, September 2017 (ISSN 2566-3275)
17. Atif Hodžić, Fadil Islamović, **Redžo Hasanagić**, *Eksperimentalna analiza vještačkog sušenja sa stanovišta načina vođenja procesa sušenja*, 30. Međunarodni kongres o procesnom inženjerstvu - Procesing '17 (ISBN 978-86-81505-81-6)
18. Atif Hodžić, **Redžo Hasanagić**, *Matematičko modeliranje sile loma na istezanje masivnog drveta produženog sa zupčastim vezom*, 30. Međunarodni kongres o procesnom inženjerstvu - Procesing '17 (ISBN 978-86-81505-81-6)
19. Husein Rošić, Atif Hodžić, **Hasanagić Redžo**, *Impact of technical - technological development on security in work/Utjecaj tehničko-tehnološkog razvoja na bezbjednost u radu*, 6th International Conference ERGONOMICS, Zadar 2016 (ISSN 1848-5731)
20. Minka Čehić, Atif Hodžić, **Redžo Hasanagić**, *Nove tehnologije za preradu drveta u funkciji povećanja kvalitete proizvoda*, 10. International Scientific Conference on Production Engineering Development and modernization of production RIM 2015, Dubrovnik 2015 (ISBN 995861734-X)
21. **Redžo Hasanagić**, Adela Gluhalić, *The exposure to the carcinogen dust in timber industry/Izloženost karcinomskoj prašini u drvnoj industriji*, 5th International Conference ERGONOMICS 2013, Zadar 2013 (ISSN 1848-5731)
22. Mirza Hadžalić, **Redžo Hasanagić**, *Modeliranje i optimizacija sile otvaranja zavarenog spoja na mašini za pakovanje termoformiranjem*, 9. International Scientific Conference on Production Engineering Development and modernization of production RIM 2013, Budva, Montenegro, Septembar 2013 (ISBN 995861734-X)
23. **Redžo Hasanagić**, Atif Hodžić, Minka Čehić, *Utjecajni parametri na čvrstoću zalijepljenog spoja s zupčastim vezom*, 9. International Scientific Conference on Production Engineering Development and modernization of production RIM 2013, Budva, Montenegro, Septembar 2013 (ISBN 995861734-X)
24. **Redžo Hasanagić**, Mirza Hadžalić, *Raspored mašina i uređaja i izbor optimalnog rješenja*, 9. International Scientific Conference on Production Engineering Development and modernization of production RIM RIM 2013, Budva, Montenegro, Septembar 2013 (ISBN 995861734-X)
25. **Redžo Hasanagić**, Minka Čehić, Salah Eldien Omer, *Influencing parameters in selecting the type of floor and kind of adhesive in wooden facilities*, Wood Technology & Product Desing, May 2013 (ISBN 978-608-4723-00-4)
26. **Redžo Hasanagić**, Neila Fetić, Ekrem Nezirević, *Computer modelling and tool constructing for layered wood modelling*, Sprungbrett-Internationale Studierendenkonferenz, Sankt Peterburgu, 29 may 2013 (ISBN 978-57422-3935-2)

Conference paper without publication:

27. Redžo Hasanagić, Conference at the Faculty of Engineering, University of Bihac within the framework of the bilateral project Bosnia and Herzegovina - Slovenia, Bilateral project BiH - Slovenia entitled: „Modelling of influences of preparation of environmentally friendly thermally modified wood on its mechanical properties and its durability“, Topic of presentation: Optimization of thermal modification parameters of wood structure and their influence on bending and tensile strength, 10/25/2019. years



Redžo Hasanagić, PhD