



Europass Curriculum Vitae

Lične informacije

Ime i prezime

Sabahudin Ekinović

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Nacionalnost/Državljanstvo Bošnjak/Bosna i Hercegovina

Datum rođenja 05.06.1958., Zenica

Gender Muški

Polja interesovanja **Polja interesovanja i istraživanja su:** fenomeni procesa rezanja metala alatima definisane i nedefinisane rezne geometrije, tribologija rezanja, visokobrzinske obrade, kvalitet obrade, obradljivost čeličnih materijala, nove proizvodne tehnologije, planiranje eksperimenta, optimizacija i modeliranje inženjerskih sistema i procesa

Radno iskustvo

Godine

Pozicija, zvanje, radno mjesto Godine Redovni profesor na Katedri za proizvodne tehnologije, Mašinski fakultet Univerziteta u Zenici, uža naučna oblast: Tehnologija, maštine i alati za obradu rezanjem i Tribologija
 Šef Katedre za proizvodne tehnologije, Mašinski fakultet Univerziteta u Zenici (2001.)
 Šef Laboratorije za obradu rezanjem i alatne maštine, Mašinski fakultet Univerziteta u Zenici (2001.-)

Godine

2002.-2008.

Pozicija, zvanje, radno mjesto	Vanredni profesor na Katedri za proizvodne tehnologije, Mašinski fakultet u Zenici, Univerzitet u Sarajevu – Univerzitet u Zenici, uža naučna oblast: Tehnologija, maštine i alati za obradu rezanjem i Tribologija
Godine	1997.-2002.
Pozicija, zvanje, radno mjesto	Docent na Katedri za proizvodne tehnologije, Mašinski fakultet u Zenici, Univerzitet u Sarajevu, uža naučna oblast: Tehnologija, maštine i alati za obradu rezanjem i Tribologija
Godine	1992.-1997.
Pozicija, zvanje, radno mjesto	Viši asistent na Katedri za proizvodne tehnologije i maštine, Mašinski fakultet u Zenici, Univerzitet u Sarajevu, predmeti: Obrada rezanjem i alatne maštine, Obrada deformacijom i Metalurške maštine i postrojenja
godine	1984.-1989.
Pozicija, zvanje, radno mjesto	Asistent na Katedri za proizvodne tehnologije, Mašinski fakultet u Zenici, Univerzitet u Sarajevu, predmeti: Obrada rezanjem i alatne maštine, Obrada deformacijom i Metalurške maštine i postrojenja
Glavne aktivnosti i odgovornosti	Realizacija nastave u okviru vježbi i predavanja iz navedenih predmeta
Poslodavac, adresa	Mašinski fakultet u Zenici, Univerzitet u Sarajevu i Univerzitet u Zenici
Oblast	Visoko obrazovanje i naučno-istraživački rad
Godine	1989.-1996.
Pozicija, zvanje, radno mjesto	Glavni tehnik za mašinsku obradu, Željezara Zenica
Godine	1982.-1984.
Pozicija, zvanje, radno mjesto	Pogonski inženjer za mašinsku aglomeraciju, Željezara Zenica
Glavne aktivnosti i odgovornosti	Projektovanje i razvoj tehnologija mašinske obrade
Poslodavac, adresa	Održavanje mašinske opreme na aglomeraciji Željezare Zenica
Oblast	Željezara Zenica
	Stručni rad u oblasti proizvodnog mašinstva
	Stručni rad u oblasti mašinskog održavanja
Funkcije na Univerzitetu u Zenici	
Godine	1998.-2004.
Pozicija, zvanje, radno mjesto	Prodekan za nastavu na Mašinskom fakultetu u Zenici
Godine	2005.-2013.
Pozicija, zvanje, radno mjesto	Rektor Univerziteta u Zenici
Godine	2019.-2023.
Pozicija, zvanje, radno mjesto	Prorektor za naučno-istraživački rad Univerziteta u Zenici

Obrazovanje																																													
Godina	2011.																																												
Zvanje, kvalifikacija	Počasni doktor nauka (Doctor honoris causa), Trakya University, Edirne, Turkey																																												
Godina	1999.																																												
Zvanje, kvalifikacija	Postdoktorski studij, University of Cambridge, V. Britanija																																												
Godina	1996.																																												
Zvanje, kvalifikacija	Doktorat – Doktor tehničkih nauka (Prilog određivanju mjere obradljivosti čeličnih materijala), Univerzitet u Sarajevu																																												
Godina	1984.-1994.																																												
Zvanje, kvalifikacija	Posdiplomski magistarski studij – Magistar tehničkih nauka (Sistematsko ispitivanje obradljivosti čelika Č.5432 sa osvrtom na uticaj izrade pripremka slobodnim kovanjem), Univerzitet u Sarajevu																																												
Godina	1977.-1982.																																												
Zvanje, kvalifikacija	Studij mašinstva – diplomirani inženjer mašinstva, Univerzitet u Sarajevu																																												
godina	1973.-1977.																																												
Zvanje, kvalifikacija	Srednja mašinska škola Zenica – mašinski tehničar																																												
Vještine i kompetencije																																													
Jezik	Bosanski																																												
Strani jezici																																													
Self-assessment																																													
European level (*)																																													
Engleski	<table border="1"><thead><tr> <th colspan="2">Understanding</th><th colspan="2">Speaking</th><th colspan="2">Writing</th></tr><tr> <th colspan="2">Listening</th><th colspan="2">Reading</th><th colspan="2">Spoken interaction</th><th colspan="2">Spoken production</th></tr></thead><tbody><tr> <td>C1</td><td>Proficient</td><td>C1</td><td>Proficient</td><td>C2</td><td>Independent</td><td>C2</td><td>Independent</td><td>C2</td><td>Independent</td></tr><tr> <td>A1</td><td>Basic</td><td>A1</td><td>Basic</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr> <td>A2</td><td>Basic</td><td>A2</td><td>Basic</td><td>A2</td><td>Basic</td><td>A2</td><td>Basic</td><td></td><td></td></tr></tbody></table>	Understanding		Speaking		Writing		Listening		Reading		Spoken interaction		Spoken production		C1	Proficient	C1	Proficient	C2	Independent	C2	Independent	C2	Independent	A1	Basic	A1	Basic							A2	Basic	A2	Basic	A2	Basic	A2	Basic		
Understanding		Speaking		Writing																																									
Listening		Reading		Spoken interaction		Spoken production																																							
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A1	Basic	A1	Basic																																										
A2	Basic	A2	Basic	A2	Basic	A2	Basic																																						
Njemački																																													
Ruski																																													
(*) Common European Framework of Reference for Languages																																													
Dodatne informacije	<p>Objavio, uradio ili učestovao u izradi ukupno 363 rada, i to:</p> <ol style="list-style-type: none"> Knjige (autor – koautor): 15 naslova, Zbornici radova na konferencijama i časopisi (urednik – kourednik): 25 naslova, Radovi u časopisima: 59, Radovi u zbornicima: 134, Radovi opće tematike: 82, Istraživački i stručni radovi i projekti: 47 naslova Patenti: 1. <p>Mentorstva i komentrostva na izradi doktorskih radova: četiri (4)</p> <p>Predavanja na licikusu studija: Obrada rezanjem, Alatne mašine, Tribologija, Proizvodne tehnologije, Alati i pribori, Nove proizvodne tehnologije, Tehnologija obrade nemetalnih materijala</p>																																												

Predavanja na II i III cikusu studija: Planiranje eksperimenta, Obradljivost konstrukcionih materijala, Numerička simulacija proizvodnih procesa, Napredne proizvodne tehnologije, Inženjerski eksperiment

Citiranost: 548 citacija – Google Scholar (na dan 26.9.2023.)

Saradnja sa drugim institucijama:

1. Predavanja na studijima I i II ciklusa na univerzitetima u Bosni i Hercegovini, kao i u inostranstvu (Barcelona, Istanbul, Edirne)
2. Internacionalna organizacija konferencije Trends in the Development of Machinery and Associated Technology, TMT (Španija i Turska)
3. Članstvo u preko 40 naučnih odbora konferencija
4. Članstvo u 10 uređivačkih odbora referentnih časopisa
5. Recenzija preko 300 radova za konferencije i časopise

Članstvo u strukovnim organizacijama: dvije organizacije

Članstvo u svjetskim akademijama:

1. International Academy for Production Engineering Research – CIRP (Invited member: 2002.-2006.)
2. World Academy of Materials and Manufacturing Engineering – WAMME (Fellow: 2006.-)

Nagrade i priznanja:

1. Nagrada Zenice za 2003. godinu za izuzetna dostignuća u razvoju visokog obrazovanja i naučno-istraživačkog rada,
2. Priznanje Američkog Bibliografskog Instituta, 2004. godine,
3. Zlatna medalja Hrvatskog udruženja proizvodnog strojarstva, 2005. godine,
4. Specijalno priznanje u izboru menadžera BiH i Jugoistočne Evrope, 2006. godine,
4. Povelja Univerziteta u Zenici 2010. godne,
5. Priznanje Vanjskotrgovinske komore Bosne i Hercegovine, 2011. godine.

Podatke dao

Prof.dr.sc.Dr.h.c. Sabahudin Ekinović

Bibliografija radova

I. Knjige (Books)

I.1. Autor – koautor (Author – Co-author)

1. Edin Begović, **Sabahudin Ekinović**, 2019, Proizvodne tehnologije – obrada rezanjem i alatne mašine -, Institut za privredni inženjering, Zenica, ISBN 978-9958-886-21-8: 152 str.

2. **Sabahudin Ekinović**, 2016, *Tehnologija obrade rezanjem*, Mašinski fakultet Univerziteta u Zenici, Zenica, ISBN 978-9958-639-74-6: 7 sv., 133 str. + 3660 str.
 Knjiga 01: Sadržaj, Index pojmove, Index ključnih riječi, Bibliografija radova, 133 str.,
 Knjiga 1: Obrada rezanjem, Postupci obrade rezanjem, str. 1-528.,
 Knjiga 2: Obradljivost čeličnih materijala, Obrada polimernih kompozita, str. 529-990.,
 Knjiga 3: Napredne proizvodne tehnologije, Integritet površine, str. 991-1554.,
 Knjiga 4: Konvencionalno upravljane alatne mašine, Alatne mašine sa numeričkim i kompjuterskim upravljanjem,
 Virtualne alatne mašine, str. 1555-2344.,
 Knjiga 5: Rezni alati, Pomoćni pribori, str. 2345-2934.,
 Knjiga 6: Odabrani objavljeni radovi, str. 2935-3660.,
3. **Jamal Ahmad**, 2014, (**Sabahudin Ekinović**, Edin Begović, Translation from English language edition *Machining of Polymer Composites*, Springer Science+Business Media, LLC, 2009), Obrada polimernih kompozita, Mašinski fakultet Univerziteta u Zenici, Zenica. ISBN 987-9958-639-58-6: 229 str.
4. **Sabahudin Ekinović**, Edin Begović, 2012, *Napredne proizvodne tehnologije*, Mašinski fakultet Univerziteta u Zenici, Zenica. ISBN 978-9958-639-35-7: 278 str.
5. **Sabahudin Ekinović**, 2010, *Obrada rezanjem (tehnologija, mašine, sistemi, alati i pribori)*, Mašinski fakultet Univerziteta u Zenici, Zenica. ISBN 978-9958-639-25-8: 1878 str.
6. **Sabahudin Ekinović**, 2009, *Pomoćni pribori*, Mašinski fakultet Univerziteta u Zenici, Zenica. ISBN 978-9958-639-16-6: 327 str.
7. **Sabahudin Ekinović**, 2007, *Rezni alati*, Mašinski fakultet Univerziteta u Zenici, Zenica. ISBN 978-9958-617-38-8: 262 str.
8. **Sabahudin Ekinović**, Vukojević N., 2006, *Sistemi podmazivanja – elementi, konstrukcije i proračuni*, Mašinski fakultet Univerziteta u Zenici, Zenica. ISBN 978-9958-617-31-7: 221 str.
9. **Sabahudin Ekinović**, 2004, *Alatne mašine*, Mašinski fakultet Univerziteta u Zenici, Zenica. ISBN 978-9958-617-22-6: 415 str.
10. **Sabahudin Ekinović**, 2003, *Postupci obrade rezanjem*, Mašinski fakultet Univerziteta u Zenici, Zenica. ISBN 978-9958-617-15-3: 264 str.
11. **Sabahudin Ekinović**, 2001, *Obrada rezanjem*, Dom štampe, Zenica. ISBN 9958-42-062-7: 307 str.
12. **Sabahudin Ekinović**, 2000, *Osnovi tribologije i sistema podmazivanja*, Mašinski fakultet u Zenici Univerziteta u Sarajevu, Zenica. ISBN 978-9958-617-05-6: 307 str.
13. **Sabahudin Ekinović**, 1999, *Obradljivost čeličnih materijala*, Monografija, Mašinski fakultet u Zenici Univerziteta u Sarajevu, Zenica, ISBN 9958-617-00-5: 229 str.
14. **Sabahudin Ekinović**, 1997, *Metode statističke analize u Microsoft Excel-u*, (2008, drugo nepromijenjeno izdanje), Mašinski fakultet u Zenici Univerziteta u Sarajevu, Zenica: 234 str.
15. **Sabahudin Ekinović**, 1986, *Uputstvo za izradu tehnologije kovanja sa primjerima*, Mašinski fakultet u Zenici Univerziteta u Sarajevu. Zenica: 113 str.

I.2. Urednik – kourednik (Editor – Co-editor),

1. **S. Ekinović**, S. Yalcin, I. Buj Corral, (Eds), 2018, *Journal of Trends in the Development of Machinery and Associated Technology* **21**, No.1, University of Zenica – Universitat Politecnika de Catalunya Barcelona – Bahcesehir University Istanbul, ISSN 2303-4009 (online), 124 str.
2. **S. Ekinović**, S. Yalcin, I. Buj Corral, (Eds), 2018, *Proceedings of 21st Int. Research/Expert Conf. on Trends in the Development of Machinery and Associated Technology – TMT2018*, University of Zenica – Universitat Politecnika de Catalunya Barcelona – Bahcesehir University Istanbul, 18.9.-29.9. 2018, Karlovy Vary. ISSN 1840-4944: 343 str.
3. **S. Ekinović**, S. Yalcin, I. Buj Corral, (Eds), 2016, *Journal of Trends in the Development of Machinery and Associated Technology*, **20**, No.1, University of Zenica – Universitat Politecnika de Catalunya Barcelona – Bahcesehir University Istanbul, ISSN 2303-4009 (online), 132 str.
4. **S. Ekinović**, S. Yalcin, I. Buj Corral, (Eds), 2016, *Proceedings of 20th Int. Research/Expert Conf. on Trends in the Development of Machinery and Associated Technology – TMT2016*, University of Zenica – Universitat Politecnika

- de Catalunya Barcelona – Bahcesehir University Istanbul, 28.9.-29.9. 2016, Mediterranean Sea Cruising. ISSN 1840-4944: 320 str.
5. **S. Ekinović**, J. Vivancos, S. Yalcin, (Eds), 2015, *Journal of Trends in the Development of Machinery and Associated Technology*, **19**, No.1, University of Zenica – Universitat Politcnika de Catalunya Barcelona – Bahcesehir University Istanbul, ISSN 2303-4009 (online), 208 str.
 6. **S. Ekinović**, J. Vivancos, S. Yalcin, (Eds), 2015, *Proceedings of 19th Int. Research/Expert Conf. on Trends in the Development of Machinery and Associated Technology – TMT2015*, University of Zenica – Universitat Politcnika de Catalunya Barcelona – Bahcesehir University Istanbul, 22.7.-23.7. 2015, Barcelona, Spain. ISSN 1840-4944: X str, 411 str.
 7. **S. Ekinović**, S. Yalcin, J. Vivancos, (Eds), 2014, *Journal of Trends in the Development of Machinery and Associated Technology*, **18**, No.1, University of Zenica – Universitat Politcnika de Catalunya Barcelona – Bahcesehir University Istanbul, ISSN 2303-4009 (online), 226 str.
 8. **S. Ekinović**, S. Yalcin, J. Vivancos, (Eds), 2014, *Proceedings of 18th Int. Research/Expert Conf. on Trends in the Development of Machinery and Associated Technology – TMT2014*, University of Zenica – Universitat Politcnika de Catalunya Barcelona – Bahcesehir University Istanbul, 10.9.-12.9. 2014, Budapest, Hungary. ISSN 1840-4944: XII str, I-22, 505 str.
 9. **S. Ekinović**, J. Vivancos, S. Yalcin, (Eds), 2013, *Journal of Trends in the Development of Machinery and Associated Technology*, **17**, No.1, University of Zenica – Universitat Politcnika de Catalunya Barcelona – Bahcesehir University Istanbul, ISSN 2303-4009 (online), 172 str.
 10. **S. Ekinović**, J. Vivancos, S. Yalcin, (Eds), 2013, *Proceedings of 17th Int. Research/Expert Conf. on Trends in the Development of Machinery and Associated Technology – TMT2013*, University of Zenica – Universitat Politcnika de Catalunya Barcelona – Bahcesehir University Istanbul, 10.9.-11.9. 2013, Istanbul, Turkey. ISSN 1840-4944: XIV str, I-8, II-8, 533 str.
 11. **S. Ekinović**, S. Yalcin, J. Vivancos (Eds), 2012, *Journal of Trends in the Development of Machinery and Associated Technology*, **16**, No.1, University of Zenica – Universitat Politcnika de Catalunya Barcelona – Bahcesehir University Istanbul, ISSN 2303-4009 (online), 238 str.
 12. V. Doleček, **S. Ekinović**, D. Vukojević, I. Žigić, S. Jašarević, A. Salčinović (Eds), 2012, *Politehnički fakultet Univerziteta u Zenici*, Univerzitet u Zenici, Zenica, ISBN 978-9958-639-37-1, 68 str.
 13. **S. Ekinović**, S. Yalcin, J. Vivancos (Eds), 2012, *Proceedings of 16th Int. Research/Expert Conf. on Trends in the Development of Machinery and Associated Technology – TMT2012*, University of Zenica – Universitat Politcnika de Catalunya Barcelona – Bahcesehir University Istanbul, 10.9.-12.9. 2012, Dubai, United Arab Emirates. ISSN 1840-4944: XIV str, 648 str.
 14. **S. Ekinović**, J. Vivancos, E. Tacer (Eds), 2011, *Proceedings of 15th Int. Research/Expert Conf. on Trends in the Development of Machinery and Associated Technology – TMT2011*, University of Zenica – Universitat Politcnika de Catalunya Barcelona – Bahcesehir University Istanbul, 12.9.-18.9. 2011, Prague, Czech Republic. ISSN 1840-4944: XX str, 1044 str.
 15. **S. Ekinović**, Y. Uctug, J. Vivancos (Eds), 2010, *Proceedings of 14th Int. Research/Expert Conf. on Trends in the Development of Machinery and Associated Technology – TMT2010*, University of Zenica – Universitat Politcnika de Catalunya Barcelona – Bahcesehir University Istanbul, 11.9.-18.9. 2010, Mediterranean Cruise. ISSN 1840-4944: XVII str, I-14 str, II-18 str, 823 str.
 16. **S. Ekinović**, J. Vivancos, S. Yalcin (Eds), 2009, *Proceedings of 13th Int. Research/Expert Conf. on Trends in the Development of Machinery and Associated Technology – TMT2009*, University of Zenica – Universitat Politcnika de Catalunya Barcelona – Bahcesehir University Istanbul, 16.10.-21.10. 2009, Hammamet, Tunisia. ISSN 1840-4944: XVIII str, I-7 str, 956 str.
 17. **S. Ekinović**, S. Yalcin, J. Vivancos (Eds), 2008, *Proceedings of 12th Int. Research/Expert Conf. on Trends in the Development of Machinery and Associated Technology – TMT2008*, University of Zenica – Universitat Politcnika de Catalunya Barcelona – Bahcesehir University Istanbul, 26.8.-30.8. 2008, Istanbul, Turkey. ISBN 978-9958-617-41-6: XXIV str, I-14 str, 1398 str.
 18. **S. Ekinović**, S. Yalcin, J. Vivancos (Eds), 2007, *Proceedings of 11th Int. Research/Expert Conf. on Trends in the Development of Machinery and Associated Technology – TMT2007*, University of Zenica – Universitat Politcnika de Catalunya Barcelona – Bahcesehir University Istanbul, 5.9.-9.9. 2007, Hammamet, Tunisia. ISBN 978-9958-617-34-8: XXVIII str, I-28 str, II-30 str, 1555 str.

19. **S. Ekinović**, J. Vivancos, S. Yalcin (Eds), 2006, *Proceedings of 10th Int. Research/Expert Conf. on Trends in the Development of Machinery and Associated Technology – TMT2006*, University of Zenica – Universitat Politècnica de Catalunya Barcelona – Bahcesehir University Istanbul, 11.9.-15.9. 2006, Barcelona-Lloret de Mar, Spain. ISBN 978-9958-617-30-7: XXVIII str, 1552 str.
20. **S. Ekinović**, S. Yalcin, J. Vivancos (Eds), 2005, *Proceedings of 9th Int. Research/Expert Conf. on Trends in the Development of Machinery and Associated Technology – TMT2005*, University of Zenica – Universitat Politècnica de Catalunya Barcelona – Bahcesehir University Istanbul, 26.9.-30.9. 2005, Antalya, Turkye. ISBN 978-9958-617-28-5: XXVI str, 1515 str.
21. **S. Ekinović**, S. Brdarević, J. Vivancos, F. Puerta (Eds), 2004, *Proceedings of 8th Int. Research/Expert Conf. on Trends in the Development of Machinery and Associated Technology – TMT2004*, University of Zenica – Universitat Politècnica de Catalunya Barcelona, 15.9.-19.9. 2004, Neum, BiH. ISBN 978-9958-617-21-8: XVIII str, 940 str.
22. J. Vivancos, F. Puerta, **S. Ekinović**, S. Brdarević (Eds), 2003, *Proceedings of 7th Int. Research/Expert Conf. on Trends in the Development of Machinery and Associated Technology – TMT2003*, University of Zenica – Universitat Politècnica de Catalunya Barcelona, 15.9.-17.9. 2003, Barcelona-Lloret de Mar, Spain. ISBN 978-9958-617-18-8: XX str, 1163 str.
23. S. Brdarević, **S. Ekinović**, R. Compamys, J. Vivancos (Eds), 2002, *Proceedings of 6th Int. Research/Expert Conf. on Trends in the Development of Machinery and Associated Technology – TMT2002*, University of Zenica – Universitat Politècnica de Cataluna Barcelona, 18.9.-22.9. 2002, Neum, BiH. ISBN 978-9958-617-11-0: XIII str, 650 str.
24. S. Brdarević, **S. Ekinović** (Eds), 2000, *Proceedings of 5th Int. Research/Expert Conf. on Trends in the Development of Machinery and Associated Technology – TMT2000*, University of Sarajevo – Faculty of Mechanical Engineering in Zenica, 5.9.-6.9. 2000, Zenica, BiH. ISBN 978-9958-617-06-4: 514 str.
25. S. Brdarević, **S. Ekinović** (Eds), 1998, *Zbornik radova 4. međunarodnog naučno-stručnog skupa „Tendencije u razvoju mašinskih konstrukcija i tehnologija, Zenica'98*, Mašinski fakultet u Zenici Univerziteta u Sarajevu, oktobar, 1998, Zenica, BiH: 456 str.

II. Radovi u časopisima (Journal publications)

1. Mario DRAGIČEVIĆ, Edin BEGOVIĆ, **Sabahudin EKINOVIĆ**, Ivan PEKO, 2023, Multi-Response Optimization in MQLC Machining Process of Steel St50-2 Using Grey-Fuzzy Technique, *Technical Gazette*, 30, Vol.30, No.1, 2023: 248-255,
2. Edin Begovic, **Sabahudin Ekinović**, Monja Jusufovic, 2022, Experimental-Analytical Determination of Cutting Conditions by Means of Minimal Friction Force on Rake Plane of the Cutting Tool, *International Journal of Advanced Research, IJAR*, Vol.10, No.12, 2022: 1197-1202,
3. Edin Begović, Ibrahim Plančić, **Sabahudin Ekinović**, Vedran Mizdrak, 2022, On One Aspect of Sustainable Manufacturing - Power Consumption vs Productivity, *Journal of Sustainable Technologies and Materials, JSTM*, Vol.02, No.02, 2022: 1-8,
4. Tarik Gazić, Edin Begović, **Sabahudin Ekinović**, Ibrahim Plancic, 2022, SolidCAM iMachining technology positive effects on cutting tool life during Machining AISI 304 steel, *International Research Journal of Engineering and Technology, IRJET*, Vol.09, No.05, 2022: 2198-2202,
5. Edin Begovic, Ibrahim Plancic, **Sabahudin Ekinović**, Amer Sarajlic, 2022, FDM 3D Printing Process Parameters Optimization Using Taguchi Method for Improving the Gear Strength, *International Journal of Advanced Research, IJAR*, Vol.10, No.3, 2022: 782-788,
6. Babić M., Cali M., Nazarenko I., Fragassa C., **Ekinović S.**, Mihailkova M., Janjić M., Belić I., 2019, Surface Roughness Evaluation in Hardened Materials by Pattern Recognition Using Network Theory, *International Journal on Interactive Design and Manufacturing, IJIDeM*, Vol.13, No.1, 2019: 211-219.
7. **Ekinović S.**, Begović, E., Dragičević, M., 2018, The Application of Minimum Quantity Lubrication (MQL) During Machining Process, (originalni reprint rada objavljenog u *Proceedings of the 21st TMT2018*, Karlovy Vary, 18-22, September, 2018., ISSN 1840-4944: 13-16), *Journal of Trends in the Development of Machinery and Associated Technology*, eISSN 2302-4009, 21, No.1: 9-12.
8. **Ekinović S.**, Begović, E., Mehmendović, M., Mustafić, A., 2018, Taguchi Based Screening Approach in the MQL Turning Process of X5CrNi18-10 Stainless Steel, (originalni reprint rada objavljenog u *Proceedings of the 21st*

- TMT2018*, Karlovy Vary, 18-22, September, 2018., ISSN 1840-4944: 5-8), *Journal of Trends in the Development of Machinery and Associated Technology*, eISSN 2302-4009, **21**, No.1: 5-8.
9. Begović E., **Ekinović S.**, Ključanin D.: 2018, Grey Relational Multi-Parametric Taguchi Based Optimization of the Process Parameters in Aluminium Face Milling, *ANNALS of Faculty Engineering Hunedoara – International Journal of Engineering*, **XVI**, No.1, 2018: 165-170.
 10. **Ekinović S.**, Prcanović H., Begović E., 2017, Oil-on-Water MQL Machining of Nickel Based Super Alloy Nimonic C.263, *International Journal of Advanced Research*, **5**, No.1: 2471-2486.
 11. Ekinović E., Hodžić N., **Ekinović S.**, 2016, Damage Identification in Beams Using Adopted Functional Minimization, (originalni reprint rada objavljenog u *Proceedings of the 20th TMT2016*“, Mediterranean Sea Cruising, 28-29 September, 2016., ISSN 1840-4944: 213-216), *Journal of Trends in the Development of Machinery and Associated Technology*, eISSN 2302-4009, **20**, No.1: 113-116.
 12. **Ekinović S.**, Begović E., Plančić I., Softić A., 2016, Numerical Simulation of the First Operation of a Deep Drawing Process, (originalni reprint rada objavljenog u *Proceedings of the 20th TMT2016*“, Mediterranean Sea Cruising, 28-29 September, 2016., ISSN 1840-4944: 25-28), *Journal of Trends in the Development of Machinery and Associated Technology*, eISSN 2302-4009, **20**, No.1: 17-20.
 13. **Ekinović S.**, Begović E., Softić A., 2016, Influence of Cutting Parameters on Cutting Force During Dry Machining of High-Alloyed Steel, (originalni reprint rada objavljenog u *Proceedings of the 20th TMT2016*“, Mediterranean Sea Cruising, 28-29 September, 2016., ISSN 1840-4944: 5-8), *Journal of Trends in the Development of Machinery and Associated Technology*, eISSN 2302-4009, **20**, No.1: 5-8.
 14. Ekinović E., Hodžić N., **Ekinović S.**, 2016, Damage Identification in Beams Using Nonlinear Regression Analysis of Bending Frequencies, *Annals of Faculty Engineering Hunedoare – International Journal of Engineering*, **14**, (2), 2016: 53-58.
 15. **Ekinović S.**, Đukić H., Plančić I., Begović E., 2015, Assessment of the surface topography of Al 99.5% tubular products formed by cold flow forming technology, (originalni reprint rada objavljenog u *Proceedings of the 6th Manufacturing Engineering Society International Conference – MESIC 2015*, Barcelona, 22-24 July, 2015: 127-133), *Procedia Engineering*, **132** (2015): 389-396.
 16. **Ekinović S.**, Prcanović H., Begović E., 2015, Investigation of influence of MQL machining parameters on cutting forces during MQL turning of carbon steel St52-3, (originalni reprint rada objavljenog u *Proceedings of the 6th Manufacturing Engineering Society International Conference – MESIC 2015*, Barcelona, 22-24 July, 2015: 360-365.), *Procedia Engineering*, **132** (2015): 608-614.
 17. **Ekinović S.**, Begović E., Plančić I., Anžel I., Rimac M., 2015, Scaning Electron Microscopy in Analisis of Influence of the Alloying Elements in Steel on White Layer Formation by Hard Turning, (originalni reprint rada objavljenog u *Proceedings of the 19th TMT2015*“, Barcelona, Spain, 22-23 July, 2015, ISSN 1840-4944: 41-44), *Journal of Trends in the Development of Machinery and Associated Technology*, eISSN 2302-4009, **19**, No.1: 37-40.
 18. Mehmedović M., **Ekinović S.**, Šarić E., Butković S., Ahmetspahić B., 2015, Analysis of Cut Milling Operation of Cast Iron in Order to Incease Production Volume, (originalni reprint rada objavljenog u *Proceedings of the 19th TMT2015*“, Barcelona, Spain, 22-23 July, 2015, ISSN 1840-4944: 33-36), *Journal of Trends in the Development of Machinery and Associated Technology*, eISSN 2302-4009, **19**, No.1: 33-36.
 19. **Ekinović S.**, Begović E., Hekić E., 2015, Ballbar QC10 Measuring Device – Fast Experimental Check of Machine Tools Accuracy, (originalni reprint rada objavljenog u *Proceedings of the 19th TMT2015 conference*“, Barcelona, Spain, 22-23 July, 2015, ISSN 1840-4944: 29-32), *Journal of Trends in the Development of Machinery and Associated Technology*, eISSN 2302-4009, **19**, No.1: 29-32.
 20. **Ekinovic, S.**, Begovic, E. and Lusija, A., 2014, MQL machining – oil on water droplet system, *Journal of Science and Technology*, Vol. 2, No. 1, pp.215–222.
 21. Mehmedović, M., **Ekinović, S.**, Šarić, E., Butković, S., 2014, Influence of Cooling Fluid Application on Tool Wear During Machining of Hardened Chrome Nickel Steel, (originalni reprint rada objavljenog u *Proceedings of the 18th TMT2014 conference*“, Budapest, Hungary, 10-12 September, 2014, ISSN 1840-4944: 37-40), *Journal of Trends in the Development of Machinery and Associated Technology*, eISSN 2302-4009, **18**, No.1: 59-62.
 22. **Ekinović, S.**, Begović, E., Fakić, B., Burić, A., Čeliković, A., 2014, Cold Air Dry Machining – Part 2: SEM and Metallographic Analysis of the Chip, (originalni reprint rada objavljenog u *Proceedings of the 18th TMT2014 conference*“, Budapest, Hungary, 10-12 September, 2014, ISSN 1840-4944: 21-24), *Journal of Trends in the Development of Machinery and Associated Technology*, eISSN 2302-4009, **18**, No.1: 43-46.

23. **Ekinović, S.**, Begović, E., Fakić, B., Burić, A., Čeliković, A., 2014, Cold Air Dry Machining – Part 1: Experimental Setup, (originalni reprint rada objavljenog u *Proceedings of the 18th TMT2014 conference*“, Budapest, Hungary, 10-12 September, 2014, ISSN 1840-4944: 17-20), *Journal of Trends in the Development of Machinery and Associated Technology*, eISSN 2302-4009, **18**, No.1: 39-42.
24. Mehmedović, M., **Ekinović, S.**, Šarić, E., Butković, S., 2013, Metodology for the White Layer Formation on the Machined Surface During Longitudinal Turning of Hardened Steels, (originalni reprint rada objavljenog u *Proceedings of the 17th TMT2013 conference*“, Istanbul, Turkey, 10-11 September, 2013, ISSN 1840-4944: 21-24), *Journal of Trends in the Development of Machinery and Associated Technology*, eISSN 2302-4009, **17**, No.1: 25-28.
25. **Ekinović, S.**, Begović, E., Ekinović, E., Fakić, B., 2013, Cutting Forces and Chip Shape in MQL Machining of Aluminium Bronze (originalni reprint rada objavljenog u *Proceedings of the 17th TMT2013 conference*“, Istanbul, Turkey, 10-11 September, 2013, ISSN 1840-4944: 5-8) *Journal of Trends in the Development of Machinery and Associated Technology*, eISSN 2303-4009, **17**, No.1: 17-20.
26. **Ekinović, S.**, Prcanović, H., Begović, E., 2013, Calibration of Machine Tools by Means of Laser Measuring Systems, *Asian Transactions on Engineering*, **02**, No.06: 17-22.
27. Dedić, A., **Ekinović, S.**, 2012, Realization of WEB Based Advisory System for Design of Experiments, (originalni reprint rada objavljenog u *Proceedings of the 16th TMT2012 conference*“, Dubai, AUE, 10-12 September, 2012, ISSN 1840-4944: 491-494), *Journal of Trends in the Development of Machinery and Associated Technology*, eISSN 2303-4009, **16**, No.1: 191-194.
28. **Ekinović, S.**, Begović, E., Plančić, I., 2012, Influence of Flow-Forming Process on Cutting Force Changes in Machining of 99,5% Al Workpiece, *Journal of Materials and Manufacturing Processes*, **27**, No.7: 791-796.
29. **Ekinović, S.**, Ekinović, E., Prcanović H., Begović E., 2011, Example of Determining Faults on CNC Milling Machine Using Renishaw Laser Calibrating system, *Journal of Mechanical Engineering and Production Management*, Politechnika Poznanska, Poznan, Nr.1 (**15**): 55-64.
30. Živković, D., Begović, E., Kostov, A., **Ekinović, S.**, 2012, Advanced Trends in Design of Lead-Free Alternative for Traditional Free Machining Brasses, *Journal of Environmental Protection and Ecology*, **13**, No.3A: 1914-1920.
31. Živković, D., Štrbac, N., **Ekinović S.**, Begović, E., 2011, Lead-Free Free-Cutting Steels as Modern Environmentally Friendly Materials, *Ecologica*, **18**, Nr. 63: 451-455.
32. Petrušić-Kafedžić, A., Ivanković Z., **Ekinović, S.**, Ibrahimagić-Šeper, L., 2010, Promjene u strukturi i kliničkom značenju pozitivnih rezultata pretransfuzijskog testiranja kod prelaza klasične metode aglutinacije u epruveti na metodu u gel mikrostupcu, *Medicinski glasnik*, **7** (2): 124-131.
33. **Ekinović, S.**, Zaimović, V., 2008, Tribological Process of Brush Wearing, *Archives of Materials Science and Engineering*, World Academy AMME, **29**, No.3: 125-130.
34. **Ekinović, S.**, Begović, E., 2007, An Approach to Determine Transition area from Conventional to High-Speed Machining by Means of chip Shape Analysis, *Archives of Materials Science and Engineering*, World Academy AMME, **28**, No.1-4: 35-39.
35. **Ekinović, S.**, Begović, E., Silajdžija, A., 2007, Comparison of Machined Surface Quality Obtained by High-Speed Machining and Conventional Turning, *Machining Science and Technology, An International Journal*, **11**, No.4: 531-551.
36. Mehmedović, M., Šarić, E., Buljubašić, I., **Ekinović, S.**, 2007, Influence of Machining Parameters on the White Layer Formation Process and its Characteristics in Turning of Hardened Steel, *Machining Science and Technology, An International Journal*, **11**, No.3: 313-334.
37. **Ekinović, S.**, Šarić E., 2007, Optimization of the composing part of hand brake mechanism, *Journal of Achievements in Materials and Manufacturing Engineering*, **24**, No.1: 208-211.
38. Kopač, J., **Ekinović, S.**, Jawahir, I.S., 2007, Editorial on Sustainable Manufacturing, 2007, *Journal of Mechanical Engineering – Strojniški vestnik*, **53**, No.11: 730-732.
39. Balazić, M., **Ekinović, S.**, Kopač J., 2006, Development and Manufacture of Modern Medical Implants, *Journal of Mechanical Engineering – Mašinstvo*, **2(10)**: 85-92.
40. **Ekinović, S.**, 2006, Korak po korak (Step by Step) – Model integracije Univerziteta u Zenici, *Didaktički putokazi – časopis za nastavnu teoriju i praksi*, **12**, No.39: 2-6.
41. **Ekinović, S.**, Dolinšek, S., Begović, E., 2005, Machinability of 90MnCrV8 Steel During high-Speed Machining, *Journal of Materials Processing Technology*, Elsevier, **162-163**: 603-608.

42. **Ekinović, S.**, Dolinšek, S., Jawahir, I., 2004, Some Observations of the Chip Formation Process and the White Layer Formation in High Speed Milling of Hardened Steel, *Machining Science and Technology, An International Journal*, **8**, No.2: 327-340.
43. Dolinšek, S., **Ekinović S.**, Kopač, J., 2004, A Contribution to the Understanding of Chip Formation Mechanism in High-Speed Cutting of Hardened Steel, *Journal of Material Processing Technology*, Elsevier, **157-158**: 485-490.
44. **Ekinović, S.**, Višekruna, V., Oruč, M., 2003, Influence of Machining Conditions on the Magnitude and Characteristics of the White Layer in High-Speed Machining, *Annals of the DAAAM for 2003*, ISSN 1726-9679: 145-146.
45. **Ekinović, S.**, Brdarević, S., 2003, Optimization of the Cutting Tool Geometry by Use of Different Experimental Plans, *Technical Gazette*, **10**, No.1: 13-17.
46. **Ekinović, S.**, Žiga, A., Begović, E., 2002, Experimental – Mathematical Modelling of Beam Deflection, *Journal Mechanika*, **36**, Nr.4: 54-57.
47. **Ekinović, S.**, Dolinšek, S., Kopač, J., Godec, M., 2002, The Transition From the Conventional to the High-Speed Cutting Region and Chip-Formation Analysis, *Journal of Mechanical Engineering – Strojniški vestnik*, **43**, No.3: 133-142.
48. **Ekinović, S.**, Dolinšek, S., Ekinović, E., 2002, Frequency of Segmentation, and Shape and Dimensions of Chip Segments at 52 HRC Steel High-Speed Machining, *Journal of Mechanical Engineering – Mašinstvo*, **6**, No.3: 143-148.
49. Konjhodžić, F., **Ekinović, S.**, Jeremić, T., 2002, Učestalost tumorâ centralnog nervnog sistema, *ANUBiH – posebna izdanja, Knjiga CXVIII, Odjeljenje medicinskih nauka*, **30**: 35-41.
50. **Ekinović, S.**, Mušanović, S., 2001, Comparative Analysis of Different Methods for Hydrodynamic Journal Bearings Calculation, *Journal of Mechanical Engineering – Mašinstvo*, **5**, No.2: 119-127.
51. **Ekinović, S.**, Babahmetović, K., 2001, Change of Strain Hardening Rate Along the Primary Shear Zone in the Orthogonal Cutting, *Journal Mechanika*, **27**, Nr.1: 13-17.
52. **Ekinović, S.**, Ekinović, E., 2000, High Speed Machining, *Journal of Mechanical Engineering – Mašinstvo*, **4**, No.1: 15-30.
53. **Ekinović, S.**, 1999, A New Machinability Function, (originalni reprint rada objavljenog u *Proceedings of 31st CIRP International Seminar on Manufacturing Systems*, Berkeley, USA, 26-28 May, 1998: 351-355), *CIRP Journal of Manufacturing Systems*, **29**, No.4: 345-349.
54. **Ekinović, S.**, 1999, Microhardness of Workpiece – The Best Characteristic of Steel Machinability, (originalni reprint rada objavljenog u *Proceedings of 31st CIRP International Seminar on Manufacturing Systems*, Berkeley, USA, 26-28 May, 1998: 356-360), *CIRP Journal of Manufacturing Systems*, **29**, No.4: 351-355.
55. **Ekinović, S.**, Soković, M., 1999, A Proposal of Microhardness Measuring Procedure Based on Statistical Data Analysis, *Journal of Materials Processing Technology*, Special Issue, Elsevier, Special Issue, 6 ps.
56. **Ekinović, S.**, Hadžikadunić, F., Vukovjević, N., 1999, Mathematical Modelling of Theoretical Mechanics Phenomena, *Journal of Mechanical Engineering – Mašinstvo*, **3**, No.2: 93-104.
57. **Ekinović, S.**, Brdarević, S., Ekinović, E., 1998, Zavisnost procenta nošenja profila obrađene površine od uslova obrade i mikrotvrdoće obratka, *Mašinstvo*, **2**, No.1: 3-14.
58. **Ekinović, S.**, 1997, Bosanskohercegovačka baza podataka o obradljivosti – da ili ne?, *Mašinstvo*, **1**, No.3: 103-108.
59. **Ekinović, S.**, Brdarević, S., 1997, Zavisnost između faktora deformacionog očvršćavanja pri obradi rezanjem i mehaničkih osobina čelika, *Mašinstvo*, **1**, No.1: 15-21.

III. Radovi u zbornicima (Articles in conference proceedings)

1. Bajtarević, A., **Ekinović S.**, Hadžikadunić, F., Talić-Čikmiš, A., 2019, Mathematical modeling of polyurethane foam elasticity measuring process, *Proceedings of Int. Conference „Mechanical Technologies and Structural Materials, MTSM2019“*, Split, 26-27, September, 2019., ISSN 1847-7917: 13-20.
2. Plančić, I., Begović, E., **Ekinović S.**, Ramić, A., 2018, Application of Numerical Simulation for Optimization of Deep Drawing Technology on the Example of Redesigned Filter Cup, *Proceedings of the 21st Int.*

Research/Expert Conference „Trends in the Development of Machinery and Associated Technology, TMT2018“, Karlovy Vary, 18-22, September, 2018., ISSN 1840-4944: 17-20.

3. **Ekinović S.**, Begović, E., Dragičević, M., 2018, The Application of Minimum Quantity Lubrication (MQL) During Machining Process, *Proceedings of the 21st Int. Research/Expert Conference „Trends in the Development of Machinery and Associated Technology, TMT2018“*, Karlovy Vary, 18-22, September, 2018., ISSN 1840-4944: 13-16.
4. **Ekinović S.**, Begović, E., Mehmedović, M., Mustafić, A., 2018, Taguchi Based Screening Approach in the MQL Turning Process of X5CrNi18-10 Stainless Steel, *Proceedings of the 21st Int. Research/Expert Conference „Trends in the Development of Machinery and Associated Technology, TMT2018“*, Karlovy Vary, 18-22, September, 2018., ISSN 1840-4944: 5-8.
5. **Ekinović S.**, Begović E., Kundalić A., 2017, Optimization of Machining Conditions Using Taguchi Method and Grey Relational Analysis During Dry and Near Dry turning of Steel 30CrNiMo8, *Proceedings of the 14th International Conference on Maintenance and Production Engineering, KODIP-2017*, Budva, 14-17 June, 2017: 33-43.
6. Begović E., **Ekinović S.**, 2016, Analysis of the Influence of the Steel's Chemical composition on the Properties of White Layer Obtained by Hard Turning, *Proceedings of the 7th International Symposium on Machining*, Istanbul, 3-5 November, 2016: 266-279.
7. Ekinović E., Hodžić N., **Ekinović S.**, 2016, Damage Identification in Beams Using Adopted Functional Minimization, *Proceedings of the 20th Int. Research/Expert Conference „Trends in the Development of Machinery and Associated Technology, TMT2016“*, Mediterranean Sea Cruising, 28-29, September, 2016., ISSN 1840-4944: 213-216.
8. **Ekinović S.**, Begović E., Plančić I., Softić A., 2016, Numerical simulation of the First Operation of a Deep Drawing Process, *Proceedings of the 20th Int. Research/Expert Conference „Trends in the Development of Machinery and Associated Technology, TMT2016“*, Mediterranean Sea Cruising, 28-29, September, 2016., ISSN 1840-4944: 25-28.
9. **Ekinović S.**, Begović E., Softić A., 2016, Influence of Cutting Parameters on Cutting Force During Dry Machining of High-Alloyed Steel, *Proceedings of the 20th Int. Research/Expert Conference „Trends in the Development of Machinery and Associated Technology, TMT2016“*, Mediterranean Sea Cruising, 28-29, September, 2016., ISSN 1840-4944: 5-8.
10. **Ekinović S.**, Begović E., Kundalić A., 2016, Optimization of Cutting Parameters During the Dry and Near Dry Turning of Steel 30CrNiMo8, *Proceedings of International conference „Mechanical Technologies and Structural Materials“*, MTSM 2016, Split, 22-23. 9. 2016, ISSN 18747-7917: 5 strana
11. Ekinović E., Hodžić N., **Ekinović S.**, 2016, Comparation of Two Damage Identification Methods Applied to Beam Structures, *Zbornik 4. konferencije Održavanje 2016*, Zenica, 2-4 juni, 2016, ISSN 1986-583X: 21-25.
12. Ekinović E., Hodžić N., **Ekinović S.**, 2016, Algoritam za identifikaciju oštećenja kod grednih struktura na bazi sopstvenih frekvencija, *Uvodni referat, Zbornik 4. konferencije Održavanje 2016*, Zenica, 2-4 juni, 2016, ISSN 1986-583X: 15-20.
13. **Ekinović S.**, Begović E., Prcanović H., Plančić I., 2015, Ecological Machining, *Keynote paper, Proceedings of the 5th Int. Scientific Conference „Environmental and Material Flow Management, EMFM2015“*, Zenica, B&H, 5-7 November, 2015, ISBN 978-9958-617-46-1: 1-24.
14. **Ekinović S.**, Begović E., Hekić E., 2015, Ballbar QC10 Measuring Device – Fast Experimental Check of Machine Tools Accuracy, *Proceedings of the 19th Int. Research/Expert Conference „Trends in the Development of Machinery and Associated Technology, TMT2015“*, Barcelona, Spain, 22-23 July, 2015, ISSN 1840-4944: 29-32.
15. Mehmedović M., **Ekinović S.**, Šarić E., Butković S., Ahmetspahić B., 2015, Analysis of Cut Milling Operation of Cast Iron in Order to Increase Production Volume, *Proceedings of the 19th Int. Research/Expert Conference „Trends in the Development of Machinery and Associated Technology, TMT2015“*, Barcelona, Spain, 22-23 July, 2015, ISSN 1840-4944: 33-36.
16. **Ekinović S.**, Begović E., Plančić I., Anžel I., Rimac M., 2015, Scanning Electron Microscopy in Analysis of Influence of the Alloying Elements in Steel on White Layer Formation by Hard Turning, *Proceedings of the 19th Int. Research/Expert Conference „Trends in the Development of Machinery and Associated Technology, TMT2015“*, Barcelona, Spain, 22-23 July, 2015, ISSN 1840-4944: 41-44.
17. **Ekinović S.**, Prcanović H., Begović E., 2015, Investigation of influence of MQL machining parameters on cutting forces during MQL turning of carbon steel St52-3, *Proceedings of the 6th Manufacturing Engineering Society International Conference – MESIC 2015*, Barcelona, 22-24 July, 2015: 360-365.

18. **Ekinović S.**, Đukić H., Plančić I., Begović E., 2015, Assessment of the surface topography of Al 99.5% tubular products formed by cold flow forming technology, *Proceedings of the 6th Manufacturing Engineering Society International Conference – MESIC 2015*, Barcelona, 22-24 July, 2015: 127-133.
19. **Ekinović S.**, Begović, E., Plančić, I., Ekinović, E., 2015, Checking the Geometric Accuracy of Machine Tools, *Uvodni referat, Zbornik radova XIII konferencije Održavanje i proizvodni inženjering KODIP 2015*, Budva, 24-27.6.2015, ISBN 978-9940-669-01-0: 1-12.
20. **Ekinović, S.**, Begović, E., Ekinović, E., 2015, Advanced Cutting Processes of Metallic Materials, *Proceedings of 2nd International Conference „New Technologies NT-2015“ Development and Application*, Mostar, BiH, 24-25 April, 2015, ISSN 2303-5668: 48-57.
21. Mehmedović, M., **Ekinović, S.**, Šarić, E., Butković, S., 2014, Influence of Cooling Fluid Application on Tool Wear During Machining of Hardened Chrome Nickel Steel, *Proceedings of the 18th Int. Research/Expert Conference „Trends in the Development of Machinery and Associated Technology, TMT2014“*, Budapest, Hungary, 10-12 September, 2014, ISSN 1840-4944: 37-40.
22. **Ekinović, S.**, Begović, E., Fakić, B., Burić, A., Čeliković, A., 2014, Cold Air Dry Machining – Part 2: SEM and Metallographic Analysis of the Chip, *Proceedings of the 18th Int. Research/Expert Conference „Trends in the Development of Machinery and Associated Technology, TMT2014“*, Budapest, Hungary, 10-12 September, 2014, ISSN 1840-4944: 21-24.
23. **Ekinović, S.**, Begović, E., Fakić, B., Burić, A., Čeliković, A., 2014, Cold Air Dry Machining – Part 1: Experimental Setup, *Proceedings of the 18th Int. Research/Expert Conference „Trends in the Development of Machinery and Associated Technology, TMT2014“*, Budapest, Hungary, 10-12 September, 2014, ISSN 1840-4944: 17-20.
24. Begović, E., Plančić, I., **Ekinović, S.**, Ekinović, E., 2014, Laser Interferometry – Measurement and Calibration Method for Machine Tools, *Keynote paper, Proceedings of 3rd Conference „Maintenance 2014“*, Zenica, 11-13 June, 2014, ISSN 1986-583X: pp. 19-28.
25. **Ekinović, S.**, Plančić, I., Begović, E., Đukić, H., Muminović, B., 2014, Očvršćavanje materijala pri oblikovanju cjevastih izradaka iz Al 99,5% kod istosmjernog hladnog rotacionog istiskivanja, *Zbornik radova X Naučno-stručnog simpozijuma sa međunarodnim učešćem „Metalni i nemetalni materijali, proizvodnja – osobine – primjena“*, pp. 44. (10 str.), Fakultet za metalurgiju i materijale Univerziteta u Zenici, Bugojno, 24-25.4., 2014, elektronsko izdanje: ISBN 987-9958-785-29-0.
26. **Ekinović, S.**, 2013, LORAM laboratorija u funkciji izgradnje inovacijskih partnerstava, *conference on Building innovation partnerships: Research-to-Business*, Zenica, 3 oktobar, 2013, 43 str.
27. Ekinović, E., **Ekinović, S.**, Sulunahpašić, R., 2013, A Glance to a Mode Shape Based Damage Detection Technique, *Proceedings of the 17th Int. Research/Expert Conference „Trends in the Development of Machinery and Associated Technology, TMT2013“*, Istanbul, Turkey, 10-11 September, 2013, ISSN 1840-4944: 381-384.
28. Mehmedović, M., **Ekinović, S.**, Šarić, E., Butković, S., 2013, Metodology for the White Layer Formation on the Machined Surface During Longitudinal Turning of Hardened Steels, *Proceedings of the 17th Int. Research/Expert Conference „Trends in the Development of Machinery and Associated Technology, TMT2013“*, Istanbul, Turkey, 10-11 September, 2013, ISSN 1840-4944: 21-24.
29. **Ekinović, S.**, Begović, E., Ekinović, E., Fakić, B., 2013, Cutting Forces and Chip Shape in MQL Machining of Aluminium Bronze, *Proceedings of the 17th Int. Research/Expert Conference „Trends in the Development of Machinery and Associated Technology, TMT2013“*, Istanbul, Turkey, 10-11 September, 2013, ISSN 1840-4944: 5-8.
30. **Ekinović, S.**, Begović, E., Lušija, A., 2013, MQL Machining – Oil on Water Droplet System, *Proceedings of the 4th International Symposium on Sustainable Development, ISSD2013*, Sarajevo, May, 2013, GRE-1240, ISSN 2233-1565, 8 pgs.
31. Medić, M., Čiča, T., **Ekinović, S.**, Begović, E., 2012, PH Value – Multifactoril Analysis, *Proceedings of the 16th Int. Research/Expert Conference „Trends in the Development of Machinery and Associated Technology, TMT2012“*, Dubai, UAE, 10-12 September, 2012, ISSN 1840-4944: 175-178.
32. Dedić, A., **Ekinović, S.**, 2012, Realization of WEB Based Advisory System for Design of Experiments, *Proceedings of the 16th Int. Research/Expert Conference „Trends in the Development of Machinery and Associated Technology, TMT2012“*, Dubai, UAE, 10-12 September, 2012, ISSN 1840-4944: 491-494.
33. **Ekinović, S.**, Begović, E., Živković, D., Kostov, A., 2012, Machinability Investigation od Some Lead-Free Cu-based Alloys, *Proceedings of 13th International Conference on Tools*, Miskolc, Hungary, 27-28 March, 2012, Session on Cutting and Machinability – A, 6 pgs.

34. **Ekinović, S.**, 2011, Mogući način ojačavanja metalnih površina, *Zbornik radova „Značaj i uloga Metalurškog instituta „Kemal Kapetanović“ Zenica u razvoju obrazovnog i privrednog sistema BiH“*, Zenica, novembar, 2011, ISBN 978-9958-639-32-6: 59-69.
35. Živković, D., Begović, E., Kostov, A., **Ekinović, S.**, 2011, Lead-Free Alternatives for Traditional Free Machining Brasses, *Proceedings of the 43rd Int. October Conf. On Mining and Metallurgy*, Kladovo, 12-15 October, 2011: 224-227.
36. Buj Corral, I., Vivancos Calvet, J., **Ekinović, S.**, 2011, Relevant Roughness Parameters in Polishing Operations of Previously Milled Surfaces, *Proceedings of the 15th Int. Research/Expert Conference „Trends in the Development of Machinery and Associated Technology, TMT2011“*, Prague, Czech Republic, 12-18 September, 2011, ISSN 1840-4944: 45-48.
37. **Ekinović, S.**, Begović, E., Vivancos Calvet, J., Okanović-Ajanović, N., 2011, Experimental Modeling of Surface Roughness Parameters During Cutting Steel 30NiMo8, *Proceedings of the 15th Int. Research/Expert Conference „Trends in the Development of Machinery and Associated Technology, TMT2011“*, Prague, Czech Republic, 12-18 September, 2011, ISSN 1840-4944: 49-52.
38. **Ekinović, S.**, Begović, E., Buj Corral, I., 2011, Investigation of Cutting Tool Influence on Machine Tool Power Consumption, *Proceedings of the 15th Int. Research/Expert Conference „Trends in the Development of Machinery and Associated Technology, TMT2011“*, Prague, Czech Republic, 12-18 September, 2011, ISSN 1840-4944: 57-60.
39. **Ekinović, S.**, Plančić, I., Begović, E., Đukić, H., 2011, Identifikacija i analiza uticajnih parametara na kvalitet izradaka u procesu hladnog rotacionog istiskivanja (HRI) primjenom Ishikawa metode, *Zbornik radova 7. naučno-stručnog skupa sa međunarodnim učešćem „Kvalitet 2011“*, Neum, BiH, 1-4 juni, 2011, ISSN 1512-9268: 603-608.
40. Živković, D., Štrbac, N., **Ekinović, S.**, Begović, E., 2011, Lead-Free Free-Cutting Steels as Modern Environmentally Friendly Materials, *Book of Abstracts – Int. Scientific Conference on Sustainable Development in the Function of Environment Protection*, Beograd, 18-20 April, 2011: 149-150.
41. **Ekinović, S.**, Ekinović, E., Prcanović, H., Begović, E., 2010, An Example of Determining Faults on CNC Milling Machine Using Ranshaw Laser Calibrating System, *Proceedings of the 3rd International Scientific Conference With Expert Participation, Manufacturing 2010*, Poznan, Poland, 24-26 November, 2010: 58.
42. **Ekinović, S.**, Begović, E., Plančić, I., 2010, Cutting Force Analysis of 99,7% Al Works Previously Treated by Flow Forming Process, *Proceedings of Int. Conf. on Applied Mechanics, Materials, and Manufacturing (ICAMMM 2010)*, 13.12.2010, Oman, 6 pgs.
43. Ekinović, E., **Ekinović, S.**, Begović, E., 2010, Comparation of Some Vibration Based Damage Identification Methods in Beams, *Preceedings of 14th Int. Research/Expert Conf. “Trends in the Development of Machinery and Associated Technology TMT2010“*, Mediterranean Cruise, 11-18 September, 2010, ISSN 1840-4944: 777-780.
44. Karić, A., **Ekinović, S.**, Avdić, H., 2010, Functions Lubricating Oils in Tribological Systems, *Preceedings of 14th Int. Research/Expert Conf. “Trends in the Development of Machinery and Associated Technology TMT2010“*, Mediterranean Cruise, 11-18 September, 2010, ISSN 1840-4944: 749-751.
45. Imamović, N., Goletić, Š., **Ekinović, S.**, 2010, Definition of Statistics, Corrected and Classical Degree of Efficiency Wastewater Treatment, *Preceedings of 14th Int. Research/Expert Conf. “Trends in the Development of Machinery and Associated Technology TMT2010“*, Mediterranean Cruise, 11-18 September, 2010, ISSN 1840-4944: 325-328.
46. **Ekinović, S.**, Begović, E., 2009, Numerical Modeling of Chip Generation Process, *Proceedings of the 7th International Scientific Conference on Production Engineering „Development and Modernization of Production RIM2009“*, Cairo, Egypt, 2009: 15-16.
47. Goletić, Š., **Ekinović, S.**, Imamović, N., 2009, Mathematical Model of Chemical Oxigen Demand in Function Other Wastewater Parameters, *Preceedings of 13th Int. Research/Expert Conf. “Trends in the Development of Machinery and Associated Technology TMT2009“*, Hammamet, Tunisia, 16-21 September, 2009, ISSN 1840-4944: 301-304.
48. Dolinšek, S., Čosić, P., **Ekinović, S.**, 2009, Management of Technology – Key to Competitiveness, *Proceedings of MOTS2009 (Management of Technology – Step to Sustainable Production)*, Šibenik, Croatia, 10-12 June, 2009: 357-362.
49. **Ekinović, S.**, Begović, E., 2008, An Approach to Determine Transition area from Conventional to High-Speed Machining by Means of chip Shape Analysis, *Preceedings of 12th Int. Research/Expert Conf. “Trends in the*

- Development of Machinery and Associated Technology TMT2008*, Istanbul, Turkey, 26-30 August, 2008, ISBN 978-9958-617-41-6: 13-16.
50. **Ekinović, S.**, Zaimović, V., 2008, Tribological Process of Brush Wearing, *Preceedings of 12th Int. Research/Expert Conf. "Trends in the Development of Machinery and Associated Technology TMT2008"*, Istanbul, Turkey, 26-30 August, 2008, ISBN 978-9958-617-41-6: 897-900.
 51. Dedić, F., **Ekinović, S.**, 2008, Software Suites for Design of Experiments – Comparative Overview, *Preceedings of 12th Int. Research/Expert Conf. "Trends in the Development of Machinery and Associated Technology TMT2008"*, Istanbul, Turkey, 26-30 August, 2008, ISBN 978-9958-617-41-6: 725-728.
 52. Janeš, A., Dolinšek, S., **Ekinović, S.**, 2008, Assessment of the Technological Capability: Technological Audit Model, *Proceedings of the TECHNO-EDUCA*, Zenica, BiH, 22-23 May 2008, ISSN 1840-2526: 15-24.
 53. **Ekinović, S.**, Okanović, D., 2007, Numeričko i eksperimentalno redizajniranje parkirne kočnice putničkog automobila, *Proceedings of the 6th International Scientific Conference on Production Engineering „Development and Modernization of Production RIM2007“*, Plitvička jezera, Hrvatska, 24-26 oktobar, 2007, ISBN 978-9958-9262-1-1: 85-86.
 54. **Ekinović, S.**, Dolinšek, S., Begović, E., 2007, Measurement and Calibration of Machine Tools by Use of Laser Equipment, *Proceedings of the 6th International Scientific Conference on Production Engineering „Development and Modernization of Production RIM2007“*, Plitvička jezera, Hrvatska, 24-26 October, 2007, ISBN 978-9958-9262-1-1: 5-6.
 55. Dolinšek, S., Janeš, A., Čosić, P., **Ekinović, S.**, 2007, Development of the Technology Audit Model, *Proceedings of the 8th Int. Conf. of the Faculty of Management Koper, MIC2007*, Portorož, 20-24 November, 2007: 1409-1418.
 56. Mehanović, E., Mustafagić, S., **Ekinović, S.**, Begović, E., 2007, Topology Optimization of Lower Tie Bar Bracket of a Car Engine, *Preceedings of 11th Int. Research/Expert Conf. "Trends in the Development of Machinery and Associated Technology TMT2007"*, Hammamet, Tunisia, 5-9 September, 2007, ISBN 978-9958-617-34-8: 763-766.
 57. **Ekinović, S.**, Kopač, J., Begović, E., Delić, H., 2007, Monitoring the Changes of Lathe Guide Way Surface Roughness in Relation to Successful Maintenance, *Proceedings of International Conference on Production Engineering – CIM2007*, Biograd, Croatia 13-17 June, 2007, ISBN 978-953-97181-9-8: 129-132.
 58. Petković, D., **Ekinović, S.**, 2007, Razvoj i implementacija sistema upravljanja kvalitetom na Univerzitetu u Zenici, *Zbornik radova 5 Naučno-stručnog skupa sa međunarodnim učešćem, Kvalitet 2007*, Neum, BiH, 6-9 juni, 2007, ISSN 1512-9268: 617-622.
 59. Plančić, I., Petković, D., **Ekinović, S.**, 2007, Ineterno osiguranje kvaliteta na Univerzitetu u Zenici – Primjena procesnog pristupa, *Zbornik radova 5 Naučno-stručnog skupa sa međunarodnim učešćem, Kvalitet 2007*, Neum, BiH, 6-9 juni, 2007, ISSN 1512-9268: 563-572.
 60. **Ekinović, S.**, Begović, E., Delić, H., 2007, Analiza trošenja vodilica supora univerzalnog struga, *Zbornik radova 5 Naučno-stručnog skupa sa međunarodnim učešćem, Kvalitet 2007*, Neum, BiH, 6-9 juni, 2007, ISSN 1512-9268: 399-404.
 61. Mehmedović, M., **Ekinović, S.**, Šarić, E., Mustafagić, S., 2006, Upravljanje nastajanjem i karakteristikama bijelog sloja pri struganju otvrdutog čelika, *Zbornik radova CIMOSov dan reziskav 2006 – CRD*, Kopar, Slovenija, 17 novembar, 2006, ISBN-10 961-91902-0-3: 72-80.
 62. Dolinšek, S., **Ekinović, S.**, Fagenel, A., Zizmond, E., Florjanc, M., 2006, Managing Technology Transfer Model for the Rehabilitation Support in Minefield Casualties, *Preceedings of 10th Int. Research/Expert Conf. "Trends in the Development of Machinery and Associated Technology TMT2006"*, Barcelona-Lloret de Mar, Spain, 11-15 September, 2006, ISBN 978-9958-617-30-7: 405-408.
 63. **Ekinović, S.**, Begović, E., Silajdžija, A., 2006, Comparison of Machined Surface Quality Obtained by Hard Turning and Conventional Turning, *Preceedings of 10th Int. Research/Expert Conf. "Trends in the Development of Machinery and Associated Technology TMT2006"*, Barcelona-Lloret de Mar, Spain, 11-15 September, 2006, ISBN 978-9958-617-30-7: 41-44.
 64. Mehmedović, M., **Ekinović, S.**, Šarić, E., Buljubašić, I., 2006, Influence of Operating Regime on White Layer Formation During a Turning Process of Hardened 16MnCr5 Steel, *Preceedings of 10th Int. Research/Expert Conf. "Trends in the Development of Machinery and Associated Technology TMT2006"*, Barcelona-Lloret de Mar, Spain, 11-15 September, 2006, ISBN 978-9958-617-30-7: 37-40.
 65. Kopač, J., Pusavec, F., **Ekinović, S.**, 2006, Keynote paper: High Performance Manufacturing – Definition and Aims, *Preceedings of 10th Int. Research/Expert Conf. "Trends in the Development of Machinery and Associated*

- Technology TMT2006*, Barcelona-Lloret de Mar, Spain, 11-15 September, 2006, ISBN 978-9958-617-30-7: 11-24.
66. Mehmedović, M., **Ekinović, S.**, Dolinšek, S., Šarić, E., 2006, Investigation of Cutting Tool Influences on White Layer Formation for a Turn-Milling Process of Hardened 16MnCr5 Steel, *Proceedings of the 9th CIRP International Workshop on Modeling of Machining Operations*, Bled, Slovenia, 11-12 May, 2006, ISBN 961-6536-06-0: 379-385.
67. Mehmedović, M., **Ekinović, S.**, 2005, Određivanje kriterija istrošenosti alata s ciljem nastajanja bijelog sloja otvrdnutog 16MnCr5 čelika, *Zbornik radova CIMOSov dan reziskav 2005 – CRD*, Kopar, Slovenija, 18-19 novembar, 2005: 75-78.
68. Jurković, J., **Ekinović, S.**, 2005, Significant Wear on Coated HS Cutting Tools, *Preceedings of 9th Int. Research/Expert Conf. "Trends in the Development of Machinery and Associated Technology TMT2005"*, Antalya, Turkey, 26-30 September, 2005, ISBN 978-9958-617-28-5: 9-12.
69. **Ekinović, S.**, Dolinšek, S., Kopač, J., Begović, E., 2005, Some Characteristics of Implementation of a PDM System in One Typical BiH Factory, *Preceedings of 9th Int. Research/Expert Conf. "Trends in the Development of Machinery and Associated Technology TMT2005"*, Antalya, Turkey, 26-30 September, 2005, ISBN 978-9958-617-28-5: 343-346.
70. **Ekinović, S.**, Mehmedović, M., 2005, Prednosti nastanka bijelog sloja pri mašinskoj obradi, *Scientific Book – 5th Int. Scientific Conf. on Production Engineering – Development and Modernization of Production RIM 2005*, Bihać, BiH, 14-17 septembar, 2005, ISBN 995-892-62-0-2: 81-86.
71. **Ekinović S.**, 2005, Drilling by Use of Mechatronic Toolholders (Results of Force and Torque Measurement and Determination of Stability Limits), *Proceedings of the PSU-UNS International Conference on Engineering and Environment – ICEE 2005*, Novi Sad, 19-21 May, 2005: 5 pgs.
72. **Ekinović, S.**, Kopač, J., Begović, E., Đulić, S., 2005, Comparative Analysis of the MasterCam 8.1 and I-DEAS 9.0 Software During the Product and Production Technology Designing, *Proceedings of the 10th International Scientific Conference on Production Engineeing CIM 2005*, Lumbarda, Croatia, 15-17 June, 2005, ISBN 953-97181-6-3: III-27-III-33.
73. **Ekinović, S.**, Dolinšek, S., Begović, E., 2005, Machinability of 90MnCrV8 Steel During high-Speed Machining, *Proceedings of the Comment2005 Congres*, Gliwice-Wisla, 16-19 May, 2005: 142-148.
74. **Ekinović, S.**, Mehmedović, M., 2004, Influence of Machining Conditions on the Chip Formation Process and the White Layer Appearance in High Speed Milling of Hardened Steel, *Proceedings of the Scientific Conference with International Participation on Manufacturing and Management in 21st Century*, Ohrid, Macedonia, 2004: 6 pgs.
75. **Ekinović, S.**, Selimović, S., 2004, Gravimetric Calibration of the Device for Measuring of Mass Concentration of Solid Particles in Flue Gases of the Thermal Power Plant «Kakanj», *Preceedings of 8th Int. Research/Expert Conf. "Trends in the Development of Machinery and Associated Technology TMT2004"*, Neum, BiH, 15-19 September, 2004, ISBN 978-9958-617-21-8: 843-846.
76. **Ekinović, S.**, Tica, D., 2004, Experimental Research of Influence of Certain Factors Upon Power of the Pump of Cooling Water System in the Thermal Power Plant «Kakanj», *Preceedings of 8th Int. Research/Expert Conf. "Trends in the Development of Machinery and Associated Technology TMT2004"*, Neum, BiH, 15-19 September, 2004, ISBN 978-9958-617-21-8: 815-818.
77. Mehmedović, M., **Ekinović, S.**, Šarić, E., 2004, Optimization of Parameters of a Longitudinal Turning Process, *Preceedings of 8th Int. Research/Expert Conf. "Trends in the Development of Machinery and Associated Technology TMT2004"*, Neum, BiH, 15-19 September, 2004, ISBN 978-9958-617-21-8: 59-62.
78. Costa, L., Sierra, C., Vivancos, J., **Ekinović, S.**, 2004, Determination of the Ideal Cutting Conditions in Metal Cutting Machining of Compact Steel Parets, *Preceedings of 8th Int. Research/Expert Conf. "Trends in the Development of Machinery and Associated Technology TMT2004"*, Neum, BiH, 15-19 September, 2004, ISBN 978-9958-617-21-8: 23-26.
79. Dolinšek ,S., **Ekinović, S.**, Begović, E., Kopač, J., 2004, Investigation of Factors Influencing Vibration Occurrences During Milling of 90MnCrV8 Steel, *Preceedings of 8th Int. Research/Expert Conf. "Trends in the Development of Machinery and Associated Technology TMT2004"*, Neum, BiH, 15-19 September, 2004, ISBN 978-9958-617-21-8: 19-22.
80. **Ekinović, S.**, Ekinović, E., 2003, Some Advantages of High Speed Machining in Aspect of Machined Surface Quality, *Proceedings of the 3rd Research/Expert Conf. with International Participation, Quality2003*, Zenica, 13-14 November, 2003, ISSN 1512-9268: 453-460.

81. **Ekinović, S.**, Brucher, M., Kott, R., 2003, Proposal of Integrated Project «HIEFFTEC» - Development of New, High Efficiency and High Surface Quality Machining Technologies, *Proceedings of the Int. Conf. on Manufacturing Science and Education Challenges of the European Integration*, Sibiu, Romania, 6-7 August, 2003, ISBN 973-651-700-4: 153-156.
82. **Ekinović, S.**, Ekinović, E., 2003, Some Particularities of Chip Formation Process in High Speed Machining of Hardened Steel, *Annals of MTM for 2003 & Proceedings of the 6th Int. Conf. on Modern Technologies in Manufacturing MTM2003 Conference*, Cluj-Napoca, Romania, 2-4 October, 2003, ISBN 973-6564-90-8: 1290-1295.
83. **Ekinović, S.**, Elezović, S., 2003, Tehno-ekonomska optimizacija obrade osovine pumpe za vodu, *Proceedings of the 4th Int. Scientific Conf. on Production Engineering – Development and Modernization of Production RIM2003*, Bihać, BiH, 25-27 september, 2003, ISBN 9958-624-16-8: 231-234.
84. **Ekinović, S.**, Vivancos, J., Begović, E., Gazibara, R., 2003, Determination of Machining Condition for Minimizing the Surface Roughness in High Speed Hard Turning, *Preceedings of 7th Int. Research/Expert Conf. "Trends in the Development of Machinery and Associated Technology TMT2003"*, Barcelona-Lloret de Mar, Spain, 15-16 September, 2003, ISBN 978-9958-617-18-8: 269-272.
85. **Ekinović, S.**, Kulaš, N., 2003, High Speed Drilling of 42CrMo4 steel – some Results of Force and Torque Measurement, *Preceedings of 7th Int. Research/Expert Conf. "Trends in the Development of Machinery and Associated Technology TMT2003"*, Barcelona-Lloret de Mar, Spain, 15-16 September, 2003, ISBN 978-9958-617-18-8: 261-264.
86. **Ekinović, S.**, Dolinšek, S., Oruč, M., Babahmetović, H., 2003, Exploration of the White Layer in High Speed Milling of Hardened Steel, *Preceedings of 7th Int. Research/Expert Conf. "Trends in the Development of Machinery and Associated Technology TMT2003"*, Barcelona-Lloret de Mar, Spain, 15-16 September, 2003, ISBN 978-9958-617-18-8: 21-24.
87. Costa, L., Sierra, C., Vivancos, J., **Ekinović, S.**, 2003, An Accelerated Test for Determining Cutting Conditions for Boring bi-metal Assemblies to Enhance Either the Quality or the Productivity of the Process, *Preceedings of 7th Int. Research/Expert Conf. "Trends in the Development of Machinery and Associated Technology TMT2003"*, Barcelona-Lloret de Mar, Spain, 15-16 September, 2003, ISBN 978-9958-617-18-8: 17-20.
88. **Ekinović, S.**, Dolinšek, S., 2003, Determination of Machining Conditions for Minimizing the White Layer Appearance in High Speed Machining of Hardened Steel, *STC-C presentation 53rd CIRP General Assembly*, Montreal, Canada, August 2003: 4 pgs.
89. **Ekinović, S.**, Tufekčić, Dž., Ekinović, E., Nezirović, S., 2003, Experimental Identification of Machined Surface Profile During Conventional and High-Speed Turn-Milling, *Proceedings of the 2nd DAAAM Int. Conf. on Advanced Technologies for Developing Countries – ATDC2003*, Tuzla, BiH, 25-28 June, 2003, ISBN 9958-609-14-2: 161-164.
90. **Ekinović, S.**, Dolinšek, S., Polić, A., Marković, S., 2003, Rapid Manufacturing of Foundry Die Models, *Proceedings of the 9th Int. Scientific Conf. on Production Engineering CIM2003*, Lumbarda, Croatia, 5-6 June, 2003, ISBN 953-97181-5-5: III-037-III-042.
91. Dolinšek, S., **Ekinović, S.**, Kopač J., Dolinšek, M., 2003, Introduction of DMLS Rapid Tooling Technology into Slovenian Industry, *Proceedings of the 9th Int. Scientific Conf. on Production Engineering CIM2003*, Lumbarda, Croatia, 5-6 June, 2003, ISBN 953-97181-5-5: III-029-III-036.
92. Dolinšek, S., **Ekinović, S.**, Kopač, J., 2002, A Contribution to the Understanding of Chip Formation Mechanism in High-Speed Cutting of Hardened Steel, *Proceedings of the 13th Int. Conf. on Achievements in Mechanical and Manufacturing Engineering – AMME 2002*, Gliwice, Poland, 15-18 December, 2002: 149-152.
93. **Ekinović, S.**, Oruč, M., Višekruna, V., 2002, High-Speed Orthogonal Turn-Milling of Brass: SEM Analysis of Machined Surface, *Proceedings of the 13th Int. DAAAM Symposium „Intelligent Manufacturing & Automation: Learning from Nature“*, Vienna, Austria, 23-26 October, 2002, ISBN 3-901509-29-1: 159-160.
94. **Ekinović, S.**, Dolinšek, S., Brdarević, S., Kopač, J.2, 2002, Chip Formation Process and Some Particularities of High-Speed Milling of Steel Materials, *Preceedings of 6th Int. Research/Expert Conf. "Trends in the Development of Machinery and Associated Technology TMT2002"*, Neum, BiH, 18-22 September, 2002, ISBN 978-9958-617-11-0: 47-50.
95. **Ekinović, S.**, Begović, E., Žiga, A., 2002, Investigation of Factors Influencing the Surface Quality During High-SpeedTurn-Milling of Brass, *Preceedings of 6th Int. Research/Expert Conf. "Trends in the Development of Machinery and Associated Technology TMT2002"*, Neum, BiH, 18-22 September, 2002, ISBN 978-9958-617-11-0: 55-58.

96. **Ekinović, S.**, Vivancos, J., 2002, Turning of Hardened Steel by Use of ISCAR Tools, *Preceedings of 6th Int. Research/Expert Conf. "Trends in the Development of Machinery and Associated Technology TMT2002"*, Neum, BiH, 18-22 September, 2002, ISBN 978-9958-617-11-0: 99-102.
97. **Ekinović, S.**, Brdarević, S., 2002, Optimization of the Cutting Tool Geometry by Use of different Experimental Plans, *Proceedings of the 1st DAAAM Int. Conf. on Advanced Technologies for Developing Countries – ATDC2002*, Slavonski Brod, Croatia, 12-14 September, 2002, ISBN 3-901509-32-1: 181-186.
98. **Ekinović, S.**, Tufekčić, Dz., Nezirović, S., 2002, The Quality of Machined Surface in High-Speed Turn-Milling of Ductile Steel, *Proceedings of the 1st DAAAM Int. Conf. on Advanced Technologies for Developing Countries – ATDC2002*, Slavonski Brod, Croatia, 12-14 September, 2002, ISBN 3-901509-32-1: 187-190.
99. Dolinšek, S., **Ekinović, S.**, 2002, A Contribution to the Strain-Hardening Process Analysis of Hardened Steel During High-Speed Machining, *Proceedings of the 6th Int. Conference on Advances Manufacturing Systems and Technology, AMST'02*, Courses and Lectures – No.437, Udine, Italy, June, 2002: 137-142.
100. Abele, E., Versch, A., **Ekinović, S.**, Kulaš, N., 2002, Drilling at the Stability Limits with Mechatronic Toolholders, *Proceedings of the 8th Int. Conference on Production Engineering, CIM2002*, Brioni, Croatia, 13-14 June, 2002, ISBN 953-97181-4-7: I-010-I-016.
101. Dolinšek, S., Kopač, J., **Ekinović, S.**, 2001, Characteristics of the Shape Memory Materials in Relation to the Machinability Impact, *Proceedings of the 10th Int. Conf. on Achievements in Mechanical and Manufacturing Engineering – AMME 2001*, Gliwice- Zakopane, Poland, 9-13 December, 2001, ISBN 978-8391-445-84-6: 182-186.
102. **Ekinović, S.**, Petković, D., 2001, High-Speed Turn-Milling and Vibration Problem, *Annals of the DAAAM for 2001 & Proceedings of the 12th International DAAAM Symposium on Intelligent Manufacturing & Automation: Focus on Precision Engineering*, Jena, Germany, 24-27 October, 2001, ISBN 3-901509-19-4: 133-134.
103. **Ekinović, S.**, Zilić, S., Beganović, A., 2001, Kvalitet obrađene površine pri visokobrzinskom struganju-glodanju čelika Č.4131, *Zbornik radova 2. Međunarodnog naučno-stručnog skupa Kvalitet 2001*, Zenica, BiH, 8-9 novembar, 2001, ISBN 9958-617-10-2: 327-334.
104. Zečić, Dž., **Ekinović, S.**: Primjena Quality Control Charts alata u programu Statistica 4.3 za statističku kontrolu proizvodnog procesa, *Zbornik radova 2. Međunarodnog naučno-stručnog skupa Kvalitet 2001*, Zenica, BiH, 8-9 novembar, 2001, ISBN 9958-617-10-2: 165-170.
105. **Ekinović, S.**, Vivancos, J., Dolinšek, S., 2001, The Comparison of High-Speed Turn-Milling and Conventional Turning from the Aspect of Machined Surface Quality, *Proceedings of the 3rd Int. Conf. on Revitalization and Modernization of Production – RIM 2001*, Bihać, BiH, 27-28 September, 2001, ISBN 9958-624-10-9: 257-262.
106. **Ekinović, S.**, 2001, A Model for Reliable Prediction of the Machined Surface Quality Parameters, *Proceedings of the 4th Jordanian International Mechanical Engineering Conference – JIMEC 2001*, Aman, Jordan, 2001: 10 pgs.
107. Konjhodžić, F., **Ekinović, S.**, Jeremić, T., 2001, Ispitivanje učestalosti tumora na mozgu pet godina prije i pet godina poslije agresije, *Zbornik radova Kongresa neurologa Bosne i Hercegovine*, Sarajevo, BiH, 2001: 6 str.
108. **Ekinović, S.**, Ekinović, E., Begović, E., 2001, The Optimization of Lumber Tool Grinding Conditions, *Proceedings of the 7th Int. Scientific Conf. on Production Engineering, CIM2001*, Lumbarda – Korčula, Croatia, 2001, 14-15 June, ISBN 953-97181-3-9: I-068-I-074.
109. **Ekinović, S.**, Babahmetović, K., 2000, On the Strain-Hardening Process in Orthogonal Cutting of Steel Materials, *Annals of the DAAAM for 2000 & Proceedings of the 11th International DAAAM Symposium „Intelligent Manufacturing & Automation: Man – Machine–Nature“*, Opatija, Croatia, 19-21 October, 2000, ISBN 3-901509-13-5: 137-138.
110. **Ekinović, S.**, Plančić, I., 2000, Experimental Modelling of Spark Plug Design in Aspect of Heat Range, *Proceedings of the ISATA2000 Conference on Automotive & Transportation Technology*, Dublin, Ireland, 25-27 September, 2000, Session 00SE003: 6 pgs.
111. **Ekinović, S.**, 2000, Kompleksna analiza ulazno-izlaznih parametara obrade s aspekta kvaliteta obrađene površine, *Zbornik radova 5. Međunarodnog naučno-stručnog skupa "Tendencije u razvoju mašinskih konstrukcija i tehnologija" TMT2000*, Zenica, 5-6 oktobar, 2000, ISBN 9958-617-06-4: 32-42.
112. **Ekinović, S.**, Ekinović, E., 2000, A Contribution to the Investigation of Machined Surface Quality in Turning of Steel Materials, *Proceedings of the 6th Int. Scientific Conf. on Production Engineering, CIM2000*, Lumbarda, Korčula, Croatia, 8-9 June, 2000, ISBN 953-97181-1-2: I-137-I-146.

113. **Ekinović, S.**, Alagić, I., Hodžić, N., Kovačević, M., 1999, Experimental modelling of flow rate of oil gear pump 1 20 47 000 type, *Proceedings of the 2nd Int. Symposium on Revitalization and Modernization of Production*, Bihac, Oktobar, 1999: 381-388.
114. Čabaravdić, M., **Ekinović, S.**, 1999, An Experimental Test of the Theoretical Equation for the Small Oscillation Frequency of the Mathematical Pendulum, *Proceeding of the 1999 ASME Mechanics & Materials Conference*, Blacksburg, Virginia, USA, 27-30 June, 1999, Session T1L: 423.
115. **Ekinović, S.**, Ekinović, E., 1999, A Contribution to Machined Surface Percentage of Lean Investigation, *Proceedings of the 3rd Jordanian Mechanical & Industrial Engineering Conference*, Amman, Jordan, 9-12 May, 1999: 737-748.
116. **Ekinović, S.**, 1999, Investigation of the Relationship Between Percentage of Lean and Work-piece Material Properties, *Proceedings of the 7th International Symposium on Tribological Problems in Exposed Friction Systems, INTERTRIBO'99*, Stara Lesna – Tatranska Lomnica, Slovak Republic, 27-30 April, 1999, ISBN-13: 978-8022-712-03-3: 4 pgs.
117. **Ekinović, S.**, Soković, M., 1999, A Proposal of Microhardness Measuring Procedure Based on Statistical Data Analysis, *Proceedings of 8th Int. Scientific Conf. on Achievements in Mechanical & Materials Engineering, AMME'99*, Gliwice, Poland, 24-27 October, 1999, VIII Session 8A: 193-196.
118. **Ekinović, S.**, Brdarević, S., Kovač, Dž., 1998, Uredaj za trenutni prekid procesa rezanja, *Zbornik radova 4. Međunarodnog naučno-stručnog skupa – Tendencije u razvoju mašinskih konstrukcija i tehnologija*, Zenica'98, Zenica, BiH, oktobar 1998: 213-223.
119. Brdarević, S., **Ekinović, S.**, Jašarević, S., 1998, Criteria for Choice of Optimal Maintenance Work Schedule, *Proceedings of 14th Congres EUROMAINTENANCE'98*, Dubrovnik, 5-7 October, 1998, ISBN 978-9539-761-50-7: 71-78.
120. **Ekinović, S.**, Brdarević, S., 1998, A New Classification of Machinability Testing Methods, *Proceedings of 2nd International Symposium on Intelligent Manufacturing Systems*, Adapazar, Turkey, 6-7 August, 1998: 7 pgs.
121. **Ekinović, S.**, 1998, Microhardness of Workpiece – The Best Characteristic of Steel Machinability, *Proceedings of 31st CIRP International Seminar on Manufacturing Systems*, Berkeley, USA, 26-28 May, 1998: 356-360.
122. **Ekinović, S.**, 1998, A New Machinability Function, *Proceedings of 31st CIRP International Seminar on Manufacturing Systems*, Berkeley, USA, 26-28 May, 1998: 351-355.
123. **Ekinović, S.**, Brdarević, S., Kovačević, M., 1997, The Relationship Between Shear Plane Angle and Workpiece Material Properties, *Proceedings of 4th Int. Conf. on Production Engineering*, Opatija, Croatia, 12-13 June, 1997, ISBN 953-97181-0-4: B.43-B.51.
124. **Ekinović, S.**, 1996, Obradljivost čelika – mogući pristup podjeli metoda ispitivanja, *Zbornik radova 3. Međunarodnog naučno-stručnog skupa – Tendencije u razvoju mašinskih konstrukcija i tehnologija*, Zenica'96, Zenica, BiH, 1996: 66-71.
125. Brdarević, S., **Ekinović, S.**, 1996, Jedan prilog izučavanju fenomena koncentrisanog trošenja alata, *Zbornik radova 3. Međunarodnog naučno-stručnog skupa – Tendencije u razvoju mašinskih konstrukcija i tehnologija*, Zenica'96, Zenica, BiH, 1996: 60-65.
126. Brdarević, S., **Ekinović, S.**, 1995, Analiza tačnosti matematičkih modela kriterija obradljivosti sa i bez zajedničkog dejstva faktora, *Zbornik radova 2. Međunarodnog naučno-stručnog skupa – Tendencije u razvoju mašinskih konstrukcija i tehnologija*, Zenica'95, Zenica, BiH, 1995: 52-59.
127. Brdarević, S., **Ekinović, S.**, Jašarević, S., 1995, *Oblik strugotine – kriterij obradljivosti pri obradi na CNC alatnim mašinama*, *Zbornik radova 2. Međunarodnog naučno-stručnog skupa – Tendencije u razvoju mašinskih konstrukcija i tehnologija*, Zenica'95, Zenica, BiH, 1995: 29-37.
128. **Ekinović, S.**, Brdarević, S., 1994, Optimizacija parametara rezne geometrije strugarskog noža pri obradi čelika Č.5432, *Zbornik radova 1. Naučno-stručnog skupa – Tendencije u razvoju mašinskih konstrukcija i tehnologija*, Zenica'94, Zenica, BiH, 15-16 septembar, 1994: 36.
129. **Ekinović, S.**, Brdarević, S., Ramić, S., 1994, Istraživanje obradljivosti šinskog manganskog čelika s aspektom postojanosti alata i hravavosti obrađene površine, *Zbornik radova 1. Naučno-stručnog skupa – Tendencije u razvoju mašinskih konstrukcija i tehnologija*, Zenica'94, Zenica, BiH, 15-16 septembar, 1994: 34.
130. **Ekinović, S.**, 1991, Istraživanje uticaja režima mehkog žarenja na promjenu čvrstoćnih i duktilnih osobina čelika Č.5432, *Zbornik radova 1. Naučno-stručnog skupa o termičkoj obradi, TOM'91*, Zenica, BiH, 1991: 9 str.
131. Šolaja, V., **Ekinović, S.**, Brdarević, S., 1989, Identification of the Difference Machining Conditions in Machining Hammer-Forging Workpiece (Cr-Ni-Mo Steel) With/Without the Bark, *Proceedings of 2nd Int. Conf. on Advanced Manufacturing Systems and Technology AMST'89*, Trento, Italy, Septembar, 1989: 7 pgs.

132. Šolaja, V., **Ekinović, S.**, Brdarević, S., 1989, Istraživanje uticaja režima međufazne termičke obrade slobodno kovanog otkovka od čelika Č.5432 na rezne sposobnosti alata, *Zbornik radova 22. Savjetovanja proizvodnog mašinstva Jugoslavije*, Ohrid, 24-26 maj, 1989: 251-259.
133. **Ekinović, S.**, 1987, Mogućnost pouzdanog predviđanja kvaliteta obrađene površine, *Zbornik radova 21. Savjetovanja proizvodnog mašinstva Jugoslavije*, Opatija, oktobar, 1987: 325-331.
134. **Ekinović S.**, 1986, Određivanje optimalnih režima rezanja primjenom metode linearног programiranja, *Zbornik radova 4. Međunarodnog simpozijuma – Upravljanje proizvodnjom u industriji prerade metala*, Beograd, maj, 1986: 145-152.

IV. Radovi iz opće tematike (Publications on general topics)

1. CEEPUS projekat (**Sabahudin Ekinović**, local koordinator): PL-1705-01-2223, INTEGRATION Development, education and practical improvement in the field of multifaceted problems of designing and manufacturing products for industrial and biomedical purposes, 2022,
2. Grupa autora (Kukić, D. i dr.), 2020, Univerzitet u Zenici – Dvadeset godina poslije, Monografija, Univerzitet u Zenici, Zenica, 2020, ISBN 978-9926-452-28-5, 203 str.
3. Barut, M. i dr, (**Ekinović, S.**, Red.), 2020, Statistička analiza podataka o obavljenim tehničkim pregledima u periodu 1.7.-30.9.2020. godine i stručne teme / Statistical Data Analysis of the Technical Inspection of Vehicles in the Period 1/7-20/9/2020 and Professional Topics, *Stručni bilteni – IPI*, **52**, Institut za privredni inženjering d.o.o., Zenica, oktobar 2020, ISSN 1840-3409: 57 str.
4. Barut, M. i dr, (**Ekinović, S.**, Red.), 2020, Statistička analiza podataka o obavljenim tehničkim pregledima u prvom polugodištu 2020. godine i stručne teme / Statistical Data Analysis of the Technical Inspection of Vehicles in First Half of 2020 and Professional Topics, *Stručni bilteni – IPI*, **51**, Institut za privredni inženjering d.o.o., Zenica, juli 2020, ISSN 1840-3409: 72 str.
5. Barut, M. i dr, (**Ekinović, S.**, Red.), 2020, Statistička analiza podataka o obavljenim tehničkim pregledima u prvom tromjesječju 2020. godine i stručne teme / Statistical Data Analysis of the Technical Inspection of Vehicles in First Quarter of 2020 and Professional Topics, *Stručni bilteni – IPI*, **50**, Institut za privredni inženjering d.o.o., Zenica, april 2020, ISSN 1840-3409: 44 str.
6. Barut, M. i dr, (**Ekinović, S.**, Red.), 2020, Statistička analiza podataka o obavljenim tehničkim pregledima u 2019. godini i stručne teme / Statistical Data Analysis of the Technical Inspection of Vehicles in 2019 and Professional Topics, *Stručni bilteni – IPI*, **49**, Institut za privredni inženjering d.o.o., Zenica, januar 2020, ISSN 2490-3337: 68 str.
7. Barut, M. i dr, (**Ekinović, S.**, Red.), 2019, Statistička analiza podataka o obavljenim tehničkim pregledima u periodu 1.7.-30.9.2019. godine i stručne teme / Statistical Data Analysis of the Technical Inspection of Vehicles in the Period 1/7-20/9/2019 and Professional Topics, *Stručni bilteni – IPI*, **48**, Institut za privredni inženjering d.o.o., Zenica, oktobar 2019, ISSN 1840-3409: 76 str.
8. Barut, M. i dr, (**Ekinović, S.**, Red.), 2019, Statistička analiza podataka o obavljenim tehničkim pregledima u prvom polugodištu 2019. godine i stručne teme / Statistical Data Analysis of the Technical Inspection of Vehicles in First Half of 2019 and Professional Topics, *Stručni bilteni – IPI*, **47**, Institut za privredni inženjering d.o.o., Zenica, juli 2019, ISSN 1840-3409: 71 str.
9. Barut, M. i dr, (**Ekinović, S.**, Red.), 2019, Statistička analiza podataka o obavljenim tehničkim pregledima u prvom tromjesječju 2019. godine i stručne teme / Statistical Data Analysis of the Technical Inspection of Vehicles in First Quarter of 2019 and Professional Topics, *Stručni bilteni – IPI*, **46**, Institut za privredni inženjering d.o.o., Zenica, april 2019, ISSN 1840-3409: 59 str.
10. Barut, M. i dr, (**Ekinović, S.**, Red.), 2019, Statistička analiza podataka o obavljenim tehničkim pregledima u 2018. godini i stručne teme / Statistical Data Analysis of the Technical Inspection of Vehicles in 2018 and Professional Topics, *Stručni bilteni – IPI*, **45**, Institut za privredni inženjering d.o.o., Zenica, januar 2019, ISSN 2490-3337: 76 str.
11. Barut, M. i dr, (**Ekinović, S.**, Red.), 2018, Statistička analiza podataka o obavljenim tehničkim pregledima u periodu 1.7—30.9.2018. godini i stručne teme, *Stručni bilteni – IPI*, **44**, Institut za privredni inženjering d.o.o., Zenica, oktobar 2018, ISSN 1840-3409: 72 str.

12. Barut, M. i dr, (**Ekinović, S.**, Red.), 2018, Statistička analiza podataka o obavljenim tehničkim pregledima u prvom polugodištu 2018. godini i stručne teme, *Stručni bilteni – IPI*, **43**, Institut za privredni inženjering d.o.o., Zenica, juli 2018, ISSN 1840-3409: 83 str.
13. Barut, M. i dr, (**Ekinović, S.**, Red.), 2018, Statistička analiza podataka o obavljenim tehničkim pregledima u prvom tromjesječju 2018. godini i stručne teme, *Stručni bilteni – IPI*, **42**, Institut za privredni inženjering d.o.o., Zenica, april 2018, ISSN 1840-3409: 61 str.
14. Barut, M. i dr, (**Ekinović, S.**, Red.), 2017, Statistička analiza podataka o obavljenim tehničkim pregledima u 2017. godini i stručne teme, *Stručni bilteni – IPI*, **41**, Institut za privredni inženjering d.o.o., Zenica, januar 2018, ISSN 1840-3409: 100 str.
15. Barut, M. i dr, (**Ekinović, S.**, Red.), 2017, Statistička analiza podataka o obavljenim tehničkim pregledima u periodu 1.7.-30.9.2017. godine i stručne teme, *Stručni bilteni – IPI*, **40**, Institut za privredni inženjering d.o.o., Zenica, oktobar 2017, ISSN 1840-3409: 72 str.
16. Barut, M. i dr, (**Ekinović, S.**, Red.), 2017, Statistička analiza podataka o obavljenim tehničkim pregledima u prvom polugodištu 2017. godini i stručne teme, *Stručni bilteni – IPI*, **39**, Institut za privredni inženjering d.o.o., Zenica, juli 2017, ISSN 1840-3409: 74 str.
17. Barut, M. i dr, (**Ekinović, S.**, Red.), 2017, Statistička analiza podataka o obavljenim tehničkim pregledima u prvom tromjesječju 2017. godini i stručne teme, *Stručni bilteni – IPI*, **38**, Institut za privredni inženjering d.o.o., Zenica, april 2017, ISSN 1840-3409: 61 str.
18. Barut, M. i dr, (**Ekinović, S.**, Red.), 2016, Statistička analiza podataka o obavljenim tehničkim pregledima u 2016. godini i stručne teme, *Stručni bilteni – IPI*, **37**, Institut za privredni inženjering d.o.o., Zenica, januar 2017, ISSN 1840-3409: 72 str.
19. Barut, M. i dr, (**Ekinović, S.**, Red.), 2016, Statistička analiza podataka o obavljenim tehničkim pregledima u periodu 1.7.-30.9.2016. godine i stručne teme, *Stručni bilteni – IPI*, **36**, Institut za privredni inženjering d.o.o., Zenica, oktobar 2016, ISSN 1840-3409: 57 str.
20. Barut, M. i dr, (**Ekinović, S.**, Red.), 2016, Statistička analiza podataka o obavljenim tehničkim pregledima u prvom polugodištu 2016. godini i stručne teme, *Stručni bilteni – IPI*, **35**, Institut za privredni inženjering d.o.o., Zenica, juli 2016, ISSN 1840-3409: 65 str.
21. Barut, M. i dr, (**Ekinović, S.**, Red.), 2016, Statistička analiza podataka o obavljenim tehničkim pregledima u prvom tromjesječju 2016. godini i stručne teme, *Stručni bilteni – IPI*, **34**, Institut za privredni inženjering d.o.o., Zenica, april 2016, ISSN 1840-3409: 71 str.
22. Barut, M. i dr, (**Ekinović, S.**, Red.), 2016, Statistička analiza podataka o obavljenim tehničkim pregledima u 2015. godini i stručne teme, *Stručni bilteni – IPI*, **33**, Institut za privredni inženjering d.o.o., Zenica, januar 2016, ISSN 1840-3409: 88 str.
23. Barut, M. i dr, (**Ekinović, S.**, Red.), 2015, Statistička analiza podataka o obavljenim tehničkim pregledima u periodu 1.7. do 30.9.2015. godine i stručne teme, *Stručni bilteni – IPI*, **32**, Institut za privredni inženjering d.o.o., Zenica, oktobar 2015, ISSN 1840-3409: 48 str.
24. Barut, M. i dr, (**Ekinović, S.**, Red.), 2015, Statistička analiza podataka o obavljenim tehničkim pregledima u prvom polugodištu 2015. godine i stručne teme, *Stručni bilteni – IPI*, **31**, Institut za privredni inženjering d.o.o., Zenica, juli 2015, ISSN 1840-3409: 93 str.
25. Barut, M. i dr, (**Ekinović, S.**, Red.), 2015, Statistička analiza podataka o obavljenim tehničkim pregledima u prvom tromjesječju 2015. godine i stručne teme, *Stručni bilteni – IPI*, **30**, Institut za privredni inženjering d.o.o., Zenica, april 2015, ISSN 1840-3409: 69 str.
26. Barut, M. i dr, (**Ekinović, S.**, Red.), 2015, Statistička analiza podataka o obavljenim tehničkim pregledima u 2014. godini i stručne teme, *Stručni bilteni – IPI*, **29**, Institut za privredni inženjering d.o.o., Zenica, januar 2015, ISSN 1840-3409: 73 str.
27. Barut, M. i dr, (**Ekinović, S.**, Red.), 2014, Statistička analiza podataka o obavljenim tehničkim pregledima u periodu 1.7.-30.9.2014. godine i stručne teme, *Stručni bilteni – IPI*, **28**, Institut za privredni inženjering d.o.o., Zenica, oktobar 2014, ISSN 1840-3409: 64 str.
28. Barut, M. i dr, (**Ekinović, S.**, Red.), 2014, Statistička analiza podataka o obavljenim tehničkim pregledima u prvom polugodištu 2014. godine i stručne teme, *Stručni bilteni – IPI*, **27**, Institut za privredni inženjering d.o.o., Zenica, juli 2014, ISSN 1840-3409: 76 str.

29. Barut, M. i dr, (**Ekinović, S.**, Red.), 2014, Statistička analiza podataka o obavljenim tehničkim pregledima u prvom tromjesječju 2014. godine i stručne teme, *Stručni bilteni – IPI*, **26**, Institut za privredni inženjering d.o.o., Zenica, april 2014, ISSN 1840-3409: 63 str.
30. Barut, M. i dr, (**Ekinović, S.**, Red.), 2014, Statistička analiza podataka o obavljenim tehničkim pregledima u 2013. godini i stručne teme, *Stručni bilteni – IPI*, **25**, Institut za privredni inženjering d.o.o., Zenica, januar 2014, ISSN 1840-3409: 68 str.
31. Barut, M. i dr, (**Ekinović, S.**, Red.), 2013, Statistička analiza podataka o obavljenim tehničkim pregledima u periodu 1.7-30.9. 2013. godine i stručne teme, *Stručni bilteni – IPI*, **24**, Institut za privredni inženjering d.o.o., Zenica, april 2013, ISSN 1840-3409: 77 str.
32. Barut, M. i dr, (**Ekinović, S.**, Red.), 2013, Statistička analiza podataka o obavljenim tehničkim pregledima u prvom polugodištu 2013. godine i stručne teme, *Stručni bilteni – IPI*, **23**, Institut za privredni inženjering d.o.o., Zenica, juni 2013, ISSN 1840-3409: 64 str.
33. Barut, M. i dr, (**Ekinović, S.**, Red.), 2013, Statistička analiza podataka o obavljenim tehničkim pregledima u prvom tromjesječju 2013. godine, stručne teme i zbornik radova, *Stručni bilteni – IPI*, **22**, Institut za privredni inženjering d.o.o., Zenica, april 2013, ISSN 1840-3409: 112 str.
34. **Ekinović, S.**, i dr., 2013, Nastavni programi za predmeta na studijskom programu Industrijsko inženjerstvo (3+2+3) – predmeti iz oblasti proizvodnog mašinstva u okviru Katedre za proizvodne tehnologije, Mašinski fakultet Univerziteta u Zenici, Zenica, februar, 2013, 34 str.
35. Barut, M. i dr, (**Ekinović, S.**, Red.), 2013, Statistička analiza podataka o obavljenim tehničkim pregledima u 2012. godini i stručne teme, *Stručni bilteni – IPI*, **21**, Institut za privredni inženjering d.o.o., Zenica, januar 2013, ISSN 1840-3409: 92 str.
36. Oruč, M. (Ed.), **Ekinović, S.**, autor uvodnika (str: 18-20), 2012, 50 godina Instituta, Monografija, Univerzitet u Zenici, 2012, ISBN 978-9958-639-38-8: 222 str.
37. **Ekinović, S.**, i dr., 2012, Nastavni program III i IV godine studija, studijski odsjeci: Industrijski dizajn proizvoda, Održavanje i Inženjerska ekologija (predmeti iz oblasti proizvodnog mašinstva u okviru Katedre za proizvodne tehnologije, Mašinski fakultet Univerziteta u Zenici, Zenica, novembar, 2012, 21 str.
38. Barut, M. i dr, (**Ekinović, S.**, Red.), 2012, Statistička analiza podataka o obavljenim tehničkim pregledima u periodu 1.7 do 30.9.2012. godine i stručne teme, *Stručni bilteni – IPI*, **20**, Institut za privredni inženjering d.o.o., Zenica, oktobar 2012, ISSN 1840-3409: 76 str.
39. Petković, D., (Ed.), **Ekinović, S.**, i dr. Vodič za doktorski studij, Ured za osiguranje kvaliteta Univerziteta u Zenici, Tempus projekat: Embedding Quality Assurance in Doctoral Education, Zenica, maj, 2012, 52 str.
40. **Ekinović, S.**, i dr., 2012, Nastavni plan i program III i IV godine studija na studijskom odsjeku Menadžment proizvodnim tehnologijama, Mašinski fakultet Univerziteta u Zenici, Zenica, juni, 2012, 60 str.
41. Barut, M. i dr, (**Ekinović, S.**, Red.), 2012, Statistička analiza podataka o obavljenim tehničkim pregledima u prvom polugodištu 2012. godine i stručne teme, *Stručni bilteni – IPI*, **19**, Institut za privredni inženjering d.o.o., Zenica, juli 2012, ISSN 1840-3409: 72 str.
42. Barut, M. i dr, (**Ekinović, S.**, Red.), 2012, Statistička analiza podataka o obavljenim tehničkim pregledima u prvom tromjesječju 2012. godine i stručne teme, *Stručni bilteni – IPI*, **18**, Institut za privredni inženjering d.o.o., Zenica, mart 2012, ISSN 1840-3409: 68 str.
43. **Ekinović, S.**, Begović, E., 2012, Katedra za proizvodne tehnologije, Laboratorija za obradu rezanjem i alatne mašine – katalog, *Univerzitet u Zenici*, Zenica, mart 2012: 49 str.
44. **Ekinović, S.**, i dr., 2011, Samoevaluacijski izvještaj studijskog programa „Menadžment proizvodnim tehnologijama“, Akreditacija studijskog programa na Mašinskom fakultetu Univerziteta u Zenici, Mašinski fakultet Univerziteta u Zenici, Zenica, maj, 2011: 88 str.
45. Barut, M. i dr, (**Ekinović, S.**, Red.), 2012, Statistička analiza podataka o obavljenim tehničkim pregledima u 2011. godini i stručne teme, *Stručni bilteni – IPI*, **17**, Institut za privredni inženjering d.o.o., Zenica, januar 2012, ISSN 1840-3409: 54 str.
46. Barut, M. i dr, (**Ekinović, S.**, Red.), 2011, Statistička analiza podataka o obavljenim tehničkim pregledima u periodu 1.7-30.9.2011. godine i stručne teme, *Stručni bilteni – IPI*, **16**, Institut za privredni inženjering d.o.o., Zenica, oktobar 2011, ISSN 1840-3409: 65 str.
47. Barut, M. i dr, (**Ekinović, S.**, Red.), 2011, Statistička analiza podataka o obavljenim tehničkim pregledima u 2011. godini i stručne teme, *Stručni bilteni – IPI*, **15**, Institut za privredni inženjering d.o.o., Zenica, juli 2011, ISSN 1840-3409: 49 str.

48. **Ekinović, S.**, 2011, Nastavni proces; razvoj ljudskih resursa; uključivanje studenata u proces upravljanja univerzitetom, EU projekat „Podrška reformi visokog obrazovanja u Bosni i Hercegovini“, *Regionalna konferencija – University Management in Western Balkan Countries*, Sarajevo, 5-6 april, 2011. 7 str.
49. Barut, M. i dr, (**Ekinović, S.**, Red.), 2011, Statistička analiza podataka o obavljenim tehničkim pregledima u prvom tromjesječju 2011. godine i stručne teme, *Stručni bilteni – IPI*, 14, Institut za privredni inženjering d.o.o., Zenica, april 2011, ISSN 1840-3409: 103 str.
50. **Ekinović, S.**, 2011, Uvodno obraćanje na konferenciji o mobilnosti studenata (Yabanci uyruklu ogrenci kabulu), Trakya University, Edirne, Turkey, 14.2.2011: 38 str.
51. Barut, M. i dr, (**Ekinović, S.**, Red.), 2011, Statistička analiza podataka o obavljenim tehničkim pregledima u 2010. godini i stručne teme, *Stručni bilteni – IPI*, 13, Institut za privredni inženjering d.o.o., Zenica, januar 2011, ISSN 1840-3409: 74 str.
52. Škuljević, Ž. (Red.), **Ekinović, S.** autor uvodnika: str. 7-9, 2010, Univerzitet u Zenici 2000-2010, *Univerzitet u Zenici*, Zenica, ISBN 978-9958-639-22-7: 107 str.
53. Grupa autora (Petković, D., **Ekinović, S.**, autori priloga 2, Analiza sadašnjeg stanja infrastrukture i uticajnih faktora za razvoj naučno-istraživačkog rada u FBiH), 2010, Strategija razvoja nauke u Federaciji Bosne i Hercegovine za period 2011-2021. godina, *Federalno ministarstvo obrazovanja i nauke*, Novembar, 2010: 51-89.
54. Barut, M. i dr, (**Ekinović, S.**, Red.), 2010, Statistička analiza podataka o obavljenim tehničkim pregledima u periodu 1.7.-30.9.2010. godine i stručne teme, *Stručni bilteni – IPI*, 12, Institut za privredni inženjering d.o.o., Zenica, oktobar 2010, ISSN 1840-3409: 54 str.
55. Barut, M. i dr, (**Ekinović, S.**, Red.), 2010, Statistička analiza podataka o obavljenim tehničkim pregledima u prvom polugodištu 2010. godini i stručne teme, *Stručni bilteni – IPI*, 11, Institut za privredni inženjering d.o.o., Zenica, juli 2010, ISSN 1840-3409: 83 str.
56. Barut, M. i dr, (**Ekinović, S.**, Red.), 2010, Statistička analiza podataka o obavljenim tehničkim pregledima u prvom tromjesecu 2010. godine, *Stručni bilteni – IPI*, 10, Institut za privredni inženjering d.o.o., Zenica, april 2010, ISSN 1840-3409: 44 str.
57. Barut, M. i dr, (**Ekinović, S.**, Red.), 2010, Statistička analiza podataka o obavljenim tehničkim pregledima u Federaciji BiH u 2009. godini, *Stručni bilteni – IPI*, 9, Institut za privredni inženjering d.o.o., Zenica, januar 2010, ISSN 1840-3409: 133 str.
58. Barut, M. i dr, (**Ekinović, S.**, Red.), 2009, Statistička analiza podataka o obavljenim tehničkim pregledima u periodu 1.7.-30.9.2009. godine i stručne teme, *Stručni bilteni – IPI*, 8, Institut za privredni inženjering d.o.o., Zenica, novembar 2009, ISSN 1840-3409: 33 str.
59. Muhamedagić, S., (Ed.), (**Ekinović, S.**, Red.), 2009, Zlatni jubilej Metalurškog fakulteta – Fakulteta za metalurgiju i materijale Zenica (1959-2009), *Univerzitet u Zenici*, Zenica, ISBN 978-9958-785-17-7: 252 str.
60. Petković, D. i dr, (**Ekinović, S.** – saradnik), 2009, Strateške odrednice razvoja Univerziteta u Zenici, 2009-2014, *Univerzitet u Zenici*, Zenica, novembar, 2009, ISBN 978-9958-639-19-7: 120 str.
61. Barut, M. i dr, (**Ekinović, S.**, Red.), 2009, Statistička analiza podataka o obavljenim tehničkim pregledima u Federaciji BiH u prvom polugodištu 2009. godine, *Stručni bilteni – IPI*, 7, Institut za privredni inženjering d.o.o., Zenica, juli 2009, ISSN 1840-3409: 78 str.
62. Barut, M. i dr, (**Ekinović, S.**, Red.), 2009, Stručne teme vezane za rad osoblja na stanicama tehničkih pregleda vozila, *Stručni bilteni – IPI*, 6, Institut za privredni inženjering d.o.o., Zenica, april 2009, ISSN 1840-426X: 43 str.
63. Barut, M. i dr, (**Ekinović, S.**, Red.), 2009, Statistička analiza podataka o obavljenim tehničkim pregledima u Federaciji BiH u 2008. godini, *Stručni bilteni – IPI*, 5, Institut za privredni inženjering d.o.o., Zenica, januar 2009, ISSN 1840-3409: 90 str.
64. Beganović, S. i dr, (**Ekinović, S.**, Red.), 2008, Kraći analitički presjek stanja na stp-ima u FBiH (period: 1.7.-30.9.2008. godine) i stručne teme po prenesenim ovlastima Vlade FBiH, *Stručni bilteni – IPI*, 4, Institut za privredni inženjering d.o.o., Zenica, oktobar 2008, ISSN 1840-3409: 62 str.
65. Grupa autora (**Ekinović, S.** – saradnik), 2004, Interna evaluacija stanja, Univerzitet u Zenici, septembar, 2004: 24 str., prilog 28 str.
66. Grupa autora (**Ekinović, S.** – saradnik), 2002, Projekat formiranja naučno tehnološkog parka Zenica (podprojekat – mašine za obradu), Mašinski fakultet, Zenica, 2002, 12 str.
67. Grupa autora (**Ekinović, S.** i saradnici: Programska oblast P06 – Društvene djelatnosti, nauka i tehnologija: 54 str.), Strategija razvoja Općine Zenica, 2002, *Mašinski fakultet u Zenici*, Zenica, 2002: 548 str.

68. **Ekinović, S.**, (Ed), 2001, Nastavni plan i program postdiplomskog studija, *Mašinski fakultet u Zenici*, Zenica, februar, 2001: 58 str.
69. **Ekinović, S.**, 2001, Procedura za ovjeru semestra – Sistem kvaliteta ISO 2000, *Mašinski fakultet u Zenici*, Zenica: 7 str.
70. **Ekinović, S.**, 2001, Procedura za upis studenata u novu školsku godinu – Sistem kvaliteta ISO 2000, *Mašinski fakultet u Zenici*, Zenica: 8 str.
71. **Ekinović, S.**, 2001, Procedura za inoviranje nastavnog plana i programa – Sistem kvaliteta ISO 2000, *Mašinski fakultet u Zenici*, Zenica: 9 str.
72. **Ekinović, S.**, 2001, Procedura za osnivanje novog odsjeka – Sistem kvaliteta ISO 2000, *Mašinski fakultet u Zenici*, Zenica: 9 str.
73. **Ekinović, S.**, 2001, Procedura za izbor u nastavnička i saradnička zvanja – Sistem kvaliteta ISO 2000, *Mašinski fakultet u Zenici*, Zenica: 12 str.
74. **Ekinović, S.**, 2001, Procedura za nostrifikaciju i ekvivalenciju diploma i drugih javnih isprava – Sistem kvaliteta ISO 2000, *Mašinski fakultet u Zenici*, Zenica: 7 str.
75. **Ekinović, S.**, 1999, Elaborat o društveno-ekonomskoj opravdanosti prerastanja konstrukcionalno-proizvodnog smjera u odsjek na Mašinskom fakultetu u Zenici Univerziteta u Sarajevu, *Mašinski fakultet u Zenici Univerziteta u Sarajevu*, Zenica, april 1999: 122 str.
76. **Ekinović, S.**, 1999, Elaborat o izmjeni Nastavnih planova i programa studija I i II stepena na Mašinskom fakultetu u Zenici Univerziteta u Sarajevu, *Mašinski fakultet u Zenici Univerziteta u Sarajevu*, Zenica, april, 1999: 161 str.
77. **Ekinović, S.**, 1999, Nastavni plan i program studija prvog stepena, *Mašinski fakultet u Zenici Univerziteta u Sarajevu*, Zenica, 1999: 42 str.
78. **Ekinović, S.**, (Ed), 1999, Nastavni plan i program studija drugog stepena na Mašinskom fakultetu u Zenici, *Mašinski fakultet u Zenici Univerziteta u Sarajevu*, Zenica, 1999: 171 str.
79. **Ekinović, S.**, 1998, Koncepcija razvoja Mašinskog fakulteta u Zenici u segmentu obrazovanja, *Mašinski fakultet u Zenici Univerziteta u Sarajevu*, Zenica, decembar 1998: 7 str.
80. **Ekinović, S.**, 1998, Nastavni plan i program postdiplomskog studija, odsjeci: Konstruiranje mašina, Terotehnologija i Upravljanje kvalitetom, *Mašinski fakultet u Zenici Univerziteta u Sarajevu*, Zenica, januar, 1998: 26 str.
81. **Ekinović, S.**, 1997, Infrastruktura visokog obrazovanja Ze-Do kantona, Okrugli sto: Visoko obrazovanje u Ze-Do kantonu – kuda dalje?, Zenica: 8 str.
82. Grupa autora, 1989 (Brdarević, S., **Ekinović, S.**, autori), Investicioni program razvoja laboratorija Mašinskog fakulteta u Zenici (Inovirani program), Dio: Investicioni program razvoja Laboratorije za obradu rezanjem i alatne mašine, *Mašinski fakultet u Zenici Univerziteta u Sarajevu*, Zenica, april, 1989: 12 str.

V. Istraživački i stručni radovi/projekti (Research and professional works/projects)

1. **Ekinović, S.**, Plančić, I., Begović, E., Beganović, O., Ključanin, D., 2021. Modeliranje zajedničkog uticaja parametara procesa obrade deformisanjem i rezanjem s ciljem podizanja proizvodnje na viši tehnološki nivo, *Naučno-istraživački projekat finansiran od strane FMON (Ugovor br. 05-39-2684-1/19, od 4.11. 2019.)*, Mašinski fakultet Univerziteta u Zenici, Zenica, juli, 2021: 6 str.
2. **Ekinović, S.**, Begović, E., 2017. Ekspertiza o provedenim ispitivanjima tačnosti glodalice tipa MAHO 1600S u pogonu GS-TMT Travnik, *Laboratorija za obradu rezanjem i alatne mašine, LORAM*, Mašinski fakultet Univerziteta u Zenici, Zenica, april, 2017: 13 str.
3. **Ekinović, S.**, Begović, E., Okan, S., 2014. Ekspertiza o provedenim ispitivanjima tačnosti glodalice tipa KEKEISEN UFF 6000 u pogonu GS-TMT Travnik, *Laboratorija za obradu rezanjem i alatne mašine, LORAM*, Mašinski fakultet Univerziteta u Zenici, Zenica, novembar, 2014: 13 str.
4. **Ekinović, S.**, Begović, E., 2014. Ekspertiza o provedenim ispitivanjima tačnosti glodalice tipa KEKEISEN UFF 6000 u pogonu GS-TMT Travnik, *Laboratorija za obradu rezanjem i alatne mašine, LORAM*, Mašinski fakultet Univerziteta u Zenici, Zenica, april, 2014: 11 str.

5. **Ekinović, S.**, Begović, E., Plančić, I., 2012, Analiza stanja čeonog struga tip LEONARD-1500, u pogonu BNT TMiH, Novi Travnik, *Laboratorijs za obradu rezanjem i alatne mašine, LORAM*, Mašinski fakultet Univerziteta u Zenici, Zenica, 2012: 6 str.
6. **Ekinović, S.**, Begović, E., i dr., 2012, Obrada polimernih kompozita (prijevod izabranih poglavlja, J.Y. Sheikh-Ahmad: *Machining of Polymer Composites*), Mašinski fakultet Univerziteta u Zenici, Zenica, 2012: 210 str.
7. **Ekinović, S.**, Begović, E., Plančić, I., 2012, Izvještaj o provedenim mjerjenjima hrapavosti površine spremnika prečišćene vode u pogonu METACOMM d.o.o. Jajce, *Laboratorijs za obradu rezanjem i alatne mašine, LORAM*, Mašinski fakultet Univerziteta u Zenici, Zenica, juli, 2012: 14 str.
8. **Ekinović, S.**, Begović, E., Plančić, I., 2012, Izvještaj o provedenim ispitivanjima tačnosti mašine za glodanje-bušenje „BH110“ u pogonu Metalno Zenica, *Laboratorijs za obradu rezanjem i alatne mašine, LORAM*, Mašinski fakultet Univerziteta u Zenici, Zenica, juni, 2012: 8 str.
9. **Ekinović, S.**, Begović, E., 2012, Nove proizvodne tehnologije (izabrana poglavlja), Mašinski fakultet Univerziteta u Zenici, Zenica, 2012: 92 str.
10. **Ekinović, S.** et al., 2010, Establishing of the Institute of Materials in Sudan – Project task, *University of Zenica*, Zenica, July, 2010: 56 str.
11. **Ekinović, S.**, Begović, E., 2010, Izvještaj o provedenom ispitivanju tačnosti mašine za dubinsko bušenje Loch-2500 u pogonu BNT Hidraulika, Novi Travnik, *Laboratorijs za obradu rezanjem i alatne mašine, LORAM*, Mašinski fakultet Univerziteta u Zenici, Zenica, oktobar, 2010: 5 str.
12. **Ekinović, S.**, Begović, E., 2010, Izvještaj o provedenom ispitivanju tačnosti mašine za dubinsko bušenje Loch-4300 u pogonu BNT Hidraulika, Novi Travnik, *Laboratorijs za obradu rezanjem i alatne mašine, LORAM*, Mašinski fakultet Univerziteta u Zenici, Zenica, oktobar, 2010: 5 str.
13. **Ekinović, S.**, 2010, Alatne mašine sa numeričkim i kompjuterskim upravljanjem, *Mašinski fakultet Univerziteta u Zenici*, Zenica, oktobar, 2010: 295 str.
14. **Ekinović, S.**, 2010, Laboratory for Metal Cutting and Machine Tools & A New Method for Coating of Metallic Surfaces by Means of High-Speed Orthogonal Hard Machining, Pozivno predavanje pri dodjeli počasnog doktorata (Honoris Causa), Trakya University, June, 2010: 28 str.
15. **Ekinović, S.**, 2007-2009, Modernisation of the University of Zenica (Projekat modernizacije Univerziteta u Zenici, nabavka istraživačke opreme), Zenica – Linz, 2007-2009, Contract No. 01-103-609-0820/07: 144 str, prilozi (specifikacija opreme): 1008 str. U sklopu projekta opremljene su sljedeće laboratorije: za biohemiju i dijagnostiku, za anatomiju, za ekologiju, za tehničku dijagnostiku, za obradu rezanjem i alatne mašine, za CAD tehnologije, za mjerjenje napona i deformacija, za mjernu tehniku, za mehaniku fluida, za industrijski inženjering, za fiziku, za hemiju, za termotehniku, za metalografiju, za nemetalne materijale i fonolaboratorijs. Ukupno je nabavljeno cca 65 tona istraživačke opreme, uređaja i instrumenata, mašina, nastavnih pomagala i učila. Vrijednost opreme je 4.970.000,- Eura.
16. **Ekinović, S.**, Begović, E., 2007, Ekspertiza o provedenim ispitivanjima tačnosti CNC tokarskog struga tipa Boehringer DN 820 i CNC glodalice Anayak FBZ-HV 1800, *Laboratorijs za obradu metala rezanjem i alatne mašine LORAM*, Mašinski fakultet Univerziteta u Zenici, Zenica, juni, 2007: 19 str.
17. **Ekinović, S.**, Begović, E., 2005, Preliminarna istraživanja obrade visokobrzinskim struganjem-glodanjem, *Laboratorijs za obradu rezanjem i alatne mašine LORAM*, Mašinski fakultet Univerziteta u Zenici, Zenica, septembar, 2005: 51 str.
18. Imamović, M., **Ekinović, S.**, 2004, Izvještaj o recenziji ekspertize „Ispitivanje akumulatorskih zračnih posuda PS-2 u Departmentu Kovačnica BHS Željezara Zenica“, *Institut za mašinstvo Mašinskog fakulteta Univerziteta u Zenici*, maj, 2004: 3 str.
19. **Ekinović, S.** i (saradici: Brdarević, S., Kovačević, M.), 2002, Istraživanje i razvoj visokobrzinskog struganja-glodanja, *Laboratorijs za obradu rezanjem i alatne mašine LORAM*, Mašinski fakultet u Zenici, februar 2002, Zenica: 6 str., prilozi 30 str.
20. **Ekinović, S.**, 1998, State and Development of the Machinability Investigation Methods, *Materials of lecture, UPC Barcelona*, Spain, June, 1998: 144 str.
21. **Ekinović, S.**, 1998, Primjena statističkih metoda u proizvodni i istraživanjima, *Mašinski fakultet u Zenici*, Zenica, april 1998: 15 str.
22. Brdarević, S., **Ekinović, S.**, 1995, Stanje i trendovi razvoja obrade materijala odvajanjem čestica, *Knjiga seminara za inženjere mašinstva Željezare »Zenica«*, Zenica: 205-239.

23. **Ekinović, S.**, Alić, M., 1995, Analiza varijanti hladnog oblikovanja prstenastih dijelova od bakra (Analiza rezultata probne ugradnje bakarnog prstena za kalibar 152 mm na presama sa jednim i osam alata), *Željezara »Zenica«*, Zenica, septembar 1995: 4 str.
24. **Ekinović, S.**, 1994, Primjena planiranog eksperimenta za definisanje dimenzija pripremka pri dubokom izvlačenju, *Željezara »Zenica«*, Zenica, 1994: 37 str.
25. **Ekinović, S.**, 1994, Tehnologija hladnog oblikovanja prstenastih dijelova od bakra (Tehnologija ugradnje bakarnog prstena na košuljice granata), *Željezara »Zenica«*, Zenica, januar 1994: 3 str.
26. **Ekinović, S.**, 1994, Optimizacija pritiska hladne deformacije bakra s obzirom na mehaničke osobine, *Željezara »Zenica«*, Zenica, januar, 1994: 15 str.
27. **Ekinović, S.**, 1993, Proračun naponsko-deformacionog stanja alata za rad u toploem stanju, *Željezara »Zenica«*, Zenica, 1993: 20 str.
28. **Ekinović, S.**, Ramić, S., 1993, Istraživanje obradljivosti čelika Č.3108 s aspekta postojanosti alata i kvaliteta obrađene površine, *Željezara »Zenica«*, Zenica, oktobar, 1993: 25 str.
29. **Ekinović, S.**, 1993, Proračun naponsko-deformacionog stanja tankostjenih posuda primjenom metode konačnih elemenata, II dio, *Željezara »Zenica«*, Zenica, A-19 str., B-18 str. str.
30. **Ekinović, S.**, 1993, Proračun naponsko-deformacionog stanja tankostjenih posuda primjenom metode konačnih elemenata, I dio, *Željezara »Zenica«*, Zenica, 1993: A-18 str., B-18 str.
31. **Ekinović, S.**, 1993, Primjena metode konačnih elemenata za izbor tehnološko-konstruktivne varijante proizvoda, *Željezara »Zenica«*, Zenica, 1993: 18 str.
32. **Ekinović, S.**, Kundalić, S., 1992, Matematičko modeliranje funkcionalne zavisnosti mehaničkih osobina bakra od temperature mehkog žarenja i stepena plastične prerade, *Željezara »Zenica«*, Zenica, novembar, 1992: 10 str.
33. **Ekinović, S.**, 1991, Kompleksna analiza brušenja vagonskih osovina, *Željezara »Zenica«*, Zenica, novembar, 1991: 10 str.
34. **Ekinović, S.**, 1991, Ispitivanje geometrijske tačnosti alatnih mašina – grupa brusilice, brusilica 7U, *Željezara »Zenica«*, Zenica, novembar, 1991: 4 str.
35. **Ekinović, S.**, 1991, Ispitivanje geometrijske tačnosti alatnih mašina – grupa strugovi, strug TES 4/4, *Željezara »Zenica«*, Zenica, oktobar, 1991: 4 str.
36. **Ekinović, S.**, 1991, Eksperimentalno istraživanje uticaja režima brušenja na hravavost obrađene površine vagonskih osovina, *Željezara »Zenica«*, Zenica, oktobar, 1991: 10 str.
37. Salčinović, Š., Mlakić, F., **Ekinović, S.**, 1990, Analiza mogućnosti sniženja cijene koštanja proizvodnje ojnika, *PREMIZ*, Zenica, 1990: 3 str.
38. **Ekinović S.**, 1990, Sagledavanje mogućnosti dovođenja procesa rezanja tuljaka za monoblok točak na viši tehnološki nivo, *PREMIZ*, Zenica, juni 1990: 5 str.
39. **Ekinović, S.**, Vukasović, S., 1990, Analiza stanja elektromotornih pogona na mašini za duboko bušenje TRG-200, *PREMIZ*, Zenica, april, 1990: 6 str.
40. **Ekinović, S.**, Vukasović, S., 1989, Analiza opterećenja elektromotora kopirnih tokarskih strojeva za obradu vagonskih osovina, *PREMIZ*, Zenica, oktobar, 1989: 5 str.
41. Arnaut, Š., **Ekinović, S.**, 1989, Analiza postojećeg stanja i mogućnost povećanja proizvodnje vagonskih osovina, *PREMIZ*, Zenica, decembar, 1989: 6 str.
42. **Ekinović, S.** i dr., 1989, Istraživanje uticajnih parametara za podizanje tehnološkog nivoa proizvodnje u uslovima maloserijske proizvodnje, *Mašinski fakultet u Zenici*, Zenica, 1989, UDK 621.9, šifra zadatka N-27, Naručilac: RO PREMIZ Zenica, Zenica, 1989: 156 str., Prilozi: 130 str.
43. **Ekinović, S.**, 1986, Provjera radne sigurnosti drške strugarskog noža pri uzdužnom spolnjem tokarenju, *Mašinski fakultet u Zenici*, Zenica, septembar, 1986: 10 str.
44. Brdarević, S., **Ekinović, S.**, 1985, Investicioni elaborat razvoja Laboratorije za obradu rezanjem i alatne mašine, *Mašinski fakultet u Zenici*, Zenica, januar, 1985: 21 str.
45. Savić, V., ..., **Ekinović, S.**, i dr., 1985, Razvojno istraživačka studija o mogućnostima konstrukcije i proizvodnje elemenata i uređaja sistema za podmazivanje, *Mašinski fakultet u Zenici*, Naručilac: Željezara „Zenica“ Zenica i SIZ nauke BiH, 1985: 326 str.
46. Arnaut, M., **Ekinović, S.**, 1985, Istraživanje optimalnih procesa tehnologije obrade komponenti sistema za podmazivanje sa izborom alata, *Mašinski fakultet u Zenici*, Zenica, 1985: 31 str.
47. Balić, S., Beganović, N., **Ekinović, S.**, 1981, Investicioni elaborat tvornice za proizvodnju lakovih mosnih dizalica, (nagrada Fonda Hasan Brkić), *Mašinski fakultet u Zenici*, Zenica, 1981: 38 str.

VI. Patenti (Patents)

1. **Ekinović, S.**, 2003, *Nanošenje tvrdih prevlaka na rezni alat metodom visokobrzinskog ortogonalnog rezanja (Coating of Cutting Tools Using High-Speed Orthogonal Machining)*, Patent, pr.br. UP-10513/03, Institut za standardizaciju, mjeriteljstvo i intelektualno vlasništvo, Sarajevo, 2003.

VII. Mentorstvo doktorskih disertacija (supervision of PhDs)

1. Adnan Mustafić, (komentor), *Prilog istraživanju uticaja procesnih parametara MQL obrade na integritet obradene površine*, 30.5.2017., Mašinski fakultet Univerziteta u Zenici,
2. Edin Begović, (mentor) *Contribution to the analysis of technological, tribomechanical and exploitation characteristics of white layer generated during machining process of steel (Prilog analizi tehnoloških, tribološko-mahaničkih i eksploracionih karakteristika bijelog sloja generisanog postupkom mašinske obrade čeličnih materijala)*, 5.12.2015., Mašinski fakultet Univerziteta u Zenici.
3. Alija Karić, (mentor) *Istraživanje modela klizajućeg trošenja za parcijalne kontakte*, 4.9.2008, Mašinski fakultet Univerziteta u Tuzli.
4. Muhamed Mehmedović, (mentor) *Prilog analizi nastanka i karakteristika bijelog sloja pri obradi otvrdnutih čelika*, 19.5.2006, Mašinski fakultet Univerziteta u Tuzli.