



I. BIOGRAFSKI PODACI dr Marko Pantić:

Dr Marko (Milovan) Pantić rođen je 19.11.1982. godine u Kragujevcu. Završio je osnovnu školu „Sveti Sava“ u Batočini 1997. godine, dok je srednje obrazovanje stekao 2001. godine u „Prvoj Tehničkoj školi“ u Kragujevcu, kao diplomirani elektrotehničar energetike.

Diplomirao je 12.11.2008. godine na Mašinskom fakultetu Univerziteta u Kragujevcu, na smeru za Proizvodno mašinstvo i industrijski inženjering, i stekao akademsko zvanje Diplomirani mašinski inženjer.

Doktorsku disertaciju pod naslovom "Tribološka karakterizacija naprednih stomatoloških materijala" usmeno je odbranio 13.09.2017. godine na Fakultetu inženjerskih nauka Univerziteta u Kragujevcu i time stekao zvanje Doktor nauka – Mašinsko inženjerstvo.

Svoju akademsku karijeru započeo je na Mašinskom fakultetu Univerziteta u Kragujevcu (danas Fakultet inženjerskih nauka), gde je 1.2.2009. godine zasnovao svoj radni odnos u Istraživačko, a zatim nakon doktoriranja i u Naučno zvanje. Od 1.10.2018. godine, svoju akademsku karijeru nastavlja na Visokoj tehničkoj školi strukovnih studija u Zvečanu, na radnom mestu Višeg predavača strukovnih studija.


II. NAUČNO ISTRAŽIVAČKI (STRUČNI) I PROFESIONALNI DOPRINOS

M21 Rad u vrhunskom međunarodnom časopisu

1. Mitrović, S., Adamović, D., Živić, F., Dzunić, D., **Pantić, M.**, *Friction and wear behavior of shot peened surfaces of 36CrNiMo4 and 36NiCrMo16 alloyed steels under dry and lubricated contact conditions*, Applied Surface Science, Vol. 290, pp. 223-232, ISSN 0169-4332, Doi: 10.1016/j.apsusc.2013.11.050, 2014.

M23 Rad u međunarodnom časopisu

2. Mitrović, S., Adamović, D., Živić, F., Dzunić, D., **Pantić, M.**, Jevremović, D., *Dry Sliding Wear Behavior of PVD TiN Coatings for Cold Forming Tools*, Journal of Balkan tribological association, Vol. 22, No. 1, pp. 347-355, ISSN 1310-4772, 2016.
3. Jeremić, B., Vukelić, D., Todorović, P., Macuzić, I., **Pantić, M.**, Dzunić, D., Tadić, B., *Static Friction at High Contact Temperatures and Low Contact Pressure*, Journal of Friction and Wear, Vol. 34, No. 2, pp. 114-119, ISSN 1068-3666, 2013.
4. Vukelić, D., Miljanić, D., Randjelović, S., Budak, I., Dzunić, D., Erić, M., **Pantić, M.**, *A Burnishing Process Based on the Optimal Depth of Workpiece Penetration*, Materiali in Tehnologije, Vol. 47, No. 1, pp. 43-51, ISSN 1580-2949, 2013.
5. Stojanović, B., Babić, M., Mitrović, S., Vencl, A., Miloradović, N., **Pantić, M.**, *Tribological Characteristics of Aluminium Hybrid Composites Reinforced with Silicon Carbide and Graphite. A Review*, Journal of the Balkan Tribological Association, Vol. 19, No. 1, pp. 83-96, ISSN 1310-4772, 2013.
6. Živić, F., Babić, M., Adamović, D., Mitrović, S., Todorović, P., Favaro, G., **Pantić, M.**, *Influence of the Surface Roughness on Adhesion of Chrome Coatings on Alloy Tool Steel X165CrMoV12*, Journal of the Balkan Tribological Association, Vol. 18, No. 2, pp. 228-237, ISSN 1310-4772, 2012.


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7. Mitrović, S., Babić, M., Zivić, F., Bobić, I., Erić, M., Dzunić, D., **Pantić, M.**, *Influence of Al₂O₃ Particle Content on the Sliding Wear Behaviour of ZA-27 Alloy Composites*, Journal of the Balkan Tribological Association, Vol. 18, No. 4, pp. 548-558, ISSN 1310-4772, 2012.
 8. Babić, M., Adamović, D., Mitrović, S., Zivić, F., Eric, M., Dzunic, D., **Pantic, M.**, *Wear Properties Of Shot Peened Surfaces Of 36NiCrMo16 Alloyed Steels Under Lubricated Condition*, Journal of the Balkan Tribological Association, Vol.18, No.4, pp.566-576, ISSN 1310-4772, 2012.


M24 Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom

9. **Pantić, M.**, Đorđević, A., Erić, M., Mitrović, S., Babić, M., Džunić, D., Stefanović, M., *Application of Artificial Neural Network in Biotribological Research of Dental Glass Ceramic*, Tribology in Industry, Vol.40, No.4, pp. 692-701, ISSN 0354-8996, 2018, doi: 10.24874/ti.2018.40.04.15
10. **Pantić, M.**, Mitrović, S., Babić, M., Jevremović, D., Kanjevac, T., Džunić, D., Adamović, D., *AFM Surface Roughness and Topography Analysis of Lithium Disilicate Glass Ceramic*, Tribology in Industry, Vol.37, No.4, pp. 391-399, ISSN 0354-8996, 2015.
11. Džunić, D., Mitrović, S., Babić, M., Bobić, I., **Pantić, M.**, Adamović, D., Nedeljković, B., *Nanoindentation of Za-27 Alloy Based Nanocomposites Reinforced with Al₂O₃ Particles*, Tribology in Industry, Vol.37, No.4, pp. 413-420, ISSN 0354-8996, 2015
12. Mitrović, S., Babić, M., Miloradović, N., Bobić, I., Stojanović, B., Džunić, D., **Pantić, M.**, *Wear Characteristics of Hybrid Composites Based on ZA27 Alloy Reinforced With Silicon Carbide and Graphite Particles*, Tribology in Industry, Vol.36, No.2, pp. 204-210, ISSN 0354-8996, 2014.
13. Babić, M., Stojanović, B., Mitrović, S., Bobić, I., Miloradović, N., **Pantić, M.**, Džunić, D., *Wear Properties of A356/10SiC/1Gr Hybrid Composites in Lubricated Sliding Conditions*, Tribology in Industry, Vol.35, No.2, pp. 148-154, ISSN 0354-8996, 2013.
14. Mitrović, S., Babić, M., Stojanović, B., Miloradović, N., **Pantić, M.**, Džunić, D., *Tribological Potential of Hybrid Composites Based on Zinc and Aluminium Alloys Reinforced with SiC and Graphite Particles*, Tribology in Industry, Vol.34, No.4, pp. 177-185, ISSN 0354-8996, 2012.
15. Mitrović, S., Babić, M., Adamović, D., Živić, F., Džunić, D., **Pantić, M.**, *Wear Behaviour of Hard Cr Coatings for Cold Forming Tools Under Dry Sliding Conditions*, Tribology in Industry, Vol.34, No.1, pp. 44-48, ISSN 0354-8996, 2012.

M33 Saopštenje sa međunarodnog skupa štampano u celini

16. **Pantić, M.**, Babić, M., Mitrović, S., Jevremović, D., Džunić, D., Kanjevac, T., Luković, I., *Effects of Different Finishing Procedure onto Nanomechanical Characteristics of Fluorapatite Veneering Ceramic*, 13th International Conference BULTRIB '18, Sofia, Bulgaria, 25 – 27 October 2018.

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17. Babić, M., Stojanović, B., Džunić, D., **Pantić, M.**, *Nanotribological Effects of Nano SiC Particles Concentration on Tribological ZA27 Alloy Properties*, 13th International Conference BULTRIB '18, Sofia, Bulgaria, 25 – 27 October 2018.
 18. Džunić, D., Kočović, V., Bijelić, I., **Pantić, M.**, Petrović Savić, S., Mitrović, S., *Analysis of Ball Burnishing Influence on Tribomechanical Properties of Aluminum*, 37th International Conference on Production Engineering of Serbia, ICPE-S 2018, Kragujevac, Serbia, 25 – 26 October 2018, pp. 75-80, ISBN: 978-86-6335-057-1.
 19. Petrovic Savić, S., **Pantic, M.**, Dzunic, D., Kocovic, V., *3D Modeling Process Automatization Through Macros Implementation*, 37th International Conference on Production Engineering of Serbia, ICPE-S 2018, Kragujevac, Serbia, 25 – 26 October 2018, pp. 269-273, ISBN: 978-86-6335-057-1.
 20. **Pantić, M.**, Mitrović, S., Babić, M., Džunić, D., Jevremović, D., Jevremović, A., Kanjevac, T., *In vivo study of the nanomechanical properties of leuci te glass ceramic prepared with different surface finishing procedure*, ETIKUM 2017, Scientific conference with international participation, Novi Sad, Serbia, 2017, 6-8 December, pp. 121-124, ISBN 978-86-6022-00-68.
 21. **Pantić, M.**, Mitrović, S., Babić, M., Jevremović, D., Kanjevac, T., Džunić, D., Adamović, D., *Micro Scratch behaviour of Lithium Disilicate Glass Ceramic after Glazing Treatment*, 15th International Conference on Tribology, Serbiatrib '17, Kragujevac, Serbia, 17 – 19 May 2017, pp. 645-651, ISBN 978-86-6335-041-0.
 22. Džunić, D., Babić, M., Mitrović, S., **Pantić, M.**, Bobić, I., *Micro Scratch Test Characterisation of ZA-27/SiC Nanocomposites*, 15th International Conference on Tribology, Serbiatrib '17, Kragujevac, Serbia, 17 – 19 May 2017, pp. 75-83, ISBN 978-86-6335-041-0.
 23. Adamović, D., Živković, M., Vujinović, T., Živić, F., Topalović, M., **Pantić, M.**, *Wear of the Tools for the Ironing Process and Methods for Increasing their Lifetime*, 15th International Conference on Tribology, Serbiatrib '17, Kragujevac, Serbia, 17 – 19 May 2017, pp. 408-416, ISBN 978-86-6335-041-0.
 24. Đorđević, A., Erić, M., **Pantić, M.**, Džunić, D., Stefanović, M., Mitrović, S., *Possibilities of Artificial Neural Network Application in Biotribological Research*, 15th International Conference on Tribology, Serbiatrib '17, Kragujevac, Serbia, 17 – 19 May 2017, pp. 589-599, ISBN 978-86-6335-041-0.
 25. **Pantić, M.**, Mitrović, S., Babić, M., Jevremović, D., Džunić, D., Živić, F., Adamović, D., *AFM Surface Roughness and Topography Analysis of Lithium Disilicate Glass Ceramic*, 14th International Conference on Tribology, Serbiatrib '15, Belgrade, Serbia, 13 – 15 May 2015, pp. 514-521, ISBN 978-86-7083-857-4.
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27. Milosavljević, D., Bogdanović, G., **Pantić, M.**, *Role of the Universities in Technology Transfer in Serbia*, ICTT 2013, 2013 International Conference on Technology Transfer, Niš, Serbia, 20-21 June 2013, pp 155-160, ISBN 978-86-6125-083-5.
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29. Mitrović, S., Babić, M., Bobić, I., Živić, F., Džunić, D., **Pantić, M.**, *Wear Behaviour of Composites Based on Za27 Alloy Reinforced with Graphite Particles*, 13th International Conference on Tribology, Serbiatrib '13, Kragujevac, 2013, 15-17 May, pp. 124-128, ISBN 978-86-86663-98-6.
30. Erić, M., Mitrović, S., Živić, F., **Pantić, M.**, *Application of Contemporary Information Technologies in Nanotribometry*, 12th International Conference on Tribology, Serbiatrib '11, Kragujevac, Serbia, 11-13 May 2011, pp 392-396, ISBN 978-86-86663-74-0.
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32. Mitrović, S., Babić, M., Adamović, D., Živić, F., Džunić, D., **Pantić, M.**, *Wear Behaviour of TiN Coatings for Cold Forming Tools under Dry Sliding Conditions*, 12th International Conference on Tribology, Serbiatrib '11, Kragujevac, Serbia, 11-13 May 2011, pp 174-180, ISBN 978-86-86663-74-0.
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34. Babić, M., Adamović, D., Mitrović, S., Živić, F., Džunić, D., **Pantić, M.**, *Wear Properties of Shot Peened Surfaces Of 36NiCrMo16 Alloyed Steels Under Lubricated Condition*, 7th BalkanTrib International Conference, Thessaloniki, Greece, 3-5 October 2011, pp 69-76, ISBN 978-980-98780-6-7.
35. Živić, F., Babić, M., Adamović, D., Mitrović, S., Favaro, G., **Pantić, M.**, *Influence of the Surface Roughness on Adhesion of Chrome Coatings on Alloy Tool Steel 165CrMoV12*, 9th International Conference COATINGS, Thessaloniki, Greece, 3-5 October 2011, pp 389-396, ISBN 978-980-98780-5-0.

M51 Rad u vodećem časopisu međunarodnog značaja

36. Erić, M., Mitrović, S., Babić, M., Živić, F., **Pantić, M.**, *Application of Contemporary Information Technologies in Nanotribometry*, Tribology in Industry, Vol.33, No.4, pp. 159-163, ISSN 0354-8996, 2011.



M53 Rad u nacionalnom časopisu

37. **Pantić, M.**, Mitrović, S., Babić, M., Jevremović, D., Džunić, D., Kanjevac, T., Adamović, D., *Effects of Different Finishing Procedure onto Nanomechanical and Nanotribological Characteristics of Lithium Disilicate Glass Ceramics*, Tribological Journal BULTRIB, Vol.6, pp. 137-146, ISSN 1313-9878, 2016.
38. Džunić, D., Mitrović, S., Babić, M., **Pantić, M.**, Bobić, I., *Tribological Behavior of Za-27 Alloy Based Nanocomposite Reinforced with SiC Nanoparticles*, Tribological Journal BULTRIB, Vol.6, pp. 147-153, ISSN 1313-9878, 2016.
39. Babić, M., Stojanović, B., Mitrović, S., Bobić, I., Miloradović, N., **Pantić, M.**, *The Influence of Lubricant on Friction Coefficient of Hybrid Al-SiC-Gr Composites*, Tribological Journal BULTRIB, Vol.3, No.1, pp. 148-154, ISSN 1313-9878, 2013.
40. Mitrović, S., Babić, M., Adamović, D., Živić, F., Džunić, D., **Pantić, M.**, *Wear and Friction Properties of Shot Peened Surfaces Of 36CrNiMo4 And 36NiCrMo16 Alloyed Steels Under Dry And Lubricated Contact Conditions*, Tribological Journal BULTRIB, Vol.3, No.1, pp. 155-169, ISSN 1313-9878, 2013.