

I. BIOGRAFSKI PODACI dr Zoran Popović:

Dr ZORAN (JOSIF) POPOVIĆ je rođen 28. maja 1968. Godine u Čačku, gde je završio osnovnu školu i Gimnaziju. Školovanje nastavlja na Elektronском fakultetu u Nišu, gde je završio osnovne, master i doktorske studije. Doktorsku disertaciju je odbranio 2011. godine u polju elektrotehnoloških i računarskih nauka.

Autor je više od 50 naučnih radova. Radni angažman na Visokoj tehničkoj školi strukovnih studija iz Zvečana započeo je juna 2012.godine, a u zvanje profesora biran u decembru 2013.godine. Trenutno je angažovan na predavanjima grupe predmeta iz računarske tehnike i bežičnih senzorskih mreža.

II. NAUČNO ISTRAŽIVAČKI (STRUČNI) I PROFESIONALNI DOPRINOS

M23 Rad u međunarodnom časopisu

1. Stanković, C. Stefanović, N. Sekulović, **Popović, Z.**, M. Stefanovic, "The Distribution of Minimum of Ratios of Two Random Variables and its Application in Analysis of Multihop Systems", Radioengineering, Vol. 21, No. 4, pp. 1156-1162, December 2012.
2. Matović, M., Panić, S.R. **Popović, Z.**, Stefanović, M., Zivanić, J., Perić, M., "Eta-Mu modeled multipath propagation of electromagnetic waves", TTEM, vol. 7, No. 2, pp. 456-461, Jul 2012.
3. Stefanović, H., Petrović, I., Savić, A., **Popović, Z.**, Stefanovic, M."The Outage Probability of Multibranch Selection Combining over Correlated Weibull Fading Channels", SérieÉlectrotechnique et Énergétique, Issue 2, June 2012. 4
4. Stefanović, M., Sekulović, M., Gligorijević, M., Bandjur, M., Spalević, P., **Popović,Z.**, "Statistics of signal envelope in composite multipath fading/shadowing microcellular environment", TTEM Vol. 6, No. 4, pp. 1147-1151, Dec. 2011.
5. **Popović, Z.**,Panić, S., Anastasov, J., Spalević, P.,Stefanović M., "Performance Analysis of Selection Diversity over Exponentially Correlated α - μ Fading Environment", International Journal of Communication Systems, Volume 24, Issue 7, pp. 925-937, July 2011.
6. Cvetković, A.D., Stefanović, M.Č., Sekulović, N.M., Milić, D.N., Stefanović, D.M., **Popović, Z.**, "Second-order statistics of dual SC macrodiversity system over channels affected by Nakagami-m fading and correlated gamma shadowing", Electrical review, No. 6, pp. 283-287, June 2011.
7. Blagojević, D., Popović, H., **Popović, Z.**, Stefanović, D., Stefanović, I., "Some Laws of System With a Constant Amount of Energy", Science of Sintering (IJS), 40 (No. 2), 123 - 129 (2008).
8. Krstic, D., Stefanović, M., Nikolić, P., Stefanović, Č., **Popović, Z.**, "The First and Second Order Statistical Characteristics of the SSC Combiner Output Signal in the Presence of Rice fading", International Journal on Advances in Telecommunications, 2 (No. 4), 111 – 120 (2009), as the best in the Session on AICT Conference.
9. Nikolić, P., Krstić, D., **Popović, Z.**, Stefanović, D., Stefanović, M., "The Performance Analysis of MRC Combiner Output Signal in the Presence of Weibull Fading and Shadowing", WSEAS Transactions on Communications, 9 (No. 1), 22 - 32 (January 2010).

M24 Rad u časopisu međunarodnog značaja verifikovanog posebnom odlukom

10. Milić, D., Stanojčić, S., **Popović, Z.**, Stefanović, D., Petrović, I., "Performance Analysis of EGC Combining over Correlated Nakagami-mFading Channels", Serbian Journal of Electrical Engineering, 9 (No. 2), pp. 293-300 (June 2012). M33 Саопштење са међународног скупа, штампано у целини
11. Stefanović, H., Blagojević, D., Vucković, D., Stefanović, D., **Popović, Z.**, "Statistical Analysis of Electro-Kinetics Laws", PEES Niš'11
12. Krstić, D., Stamenović, G., Panić, S., **Popović, Z.**, Rančić, D., Stefanović, M., "The Application of GIS in Designing of Wireless Communication Systems with SC Combining in the Presence of Ricean Fading", 19-th International Conference on Software Telecommunications and Computer Networks - SoftCOM 2011 (September 15-17), Proceed., S5(Split, 2011).
13. **Popović, Z.**, Krstić, D., Sekulović, N. and Stefanović, M., "Performance of SIR-based Triple Selection Combining over Correlated Weibull Channel", 9th International Symposium on Electronics and Telecommunications – ISETC'10, Timisoara, Romania (11-12 November, 2010), Proceed., 295 - 299 (Timisoara, 2010).
14. Tomović, G., Suljović, S., Stefanović, M., **Popović, Z.**, "Performance of Mobile Macro Diversity system with Ricean Fading and Shadow Effect", 7th International Symposium on Electronics and Telecommunications – ISETC'08, Timisoara, Romania (11-12 November 2010), Proceed., 247 -251 (Timisoara, 2010).
15. Cvetković, A., Sekulović, N., Krstić, D., Mekić, E., **Popović, Z.**, Stefanović, M., "Performance analysis of multi-hop system in Nakagami-menvironment", International Conference on Circuits, Systems, Signals(CSS), Malta (15-17 September 2010), Proceed., 276 -279 (2010).
16. Krstić, D., Rančić, D., Nikolić, P., **Popović, Z.**, Stamenović, G. and Aleksić, J., "Probability Density Function of the Satellite Signal in the Presence of Rayleigh Fading on Satellite and Earth Station", INFOTEH-Jahorina, Proceed., 9 (Ref. B-I-4), 140 – 144 (March 2010).
17. **Popović, Z.**, Stefanović, Č., Krstić, D., Milosavljević, S. and Stefanović, M., "Triplechannel macro- and micro-diversity over shadowed fadingchannels using compound model", 9th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services TELSIKS 2009, Niš, Oktober 7-9, 2009.
18. Stefanović, M., Krstić, D., Panić, S., **Popović, Z.**, "Level Crossing Rate and Average Fade Duration of SC Macro diversity System over Independent Hoyt Fading Channels", 17-th International Conference on Software Telecommunications and Computer Networks - SoftCOM 2009(September 24 - 26), Proceed., 239 -243 (Split, 2009).
19. Stefanović, H., Stefanović, D., **Popović, Z.**, Stefanović, V., "Analiza integralnih karakteristika Nakagami-m raspodele", INFOTEH-Jahorina, Proceed., 8 (Ref. B-I-6), 104 - 107 (Mart 2009).
20. Krstić, D., Rančić, D., Aleksić, J., Stamenović, G., **Popović, Z.**, "Karakteristike signala na izlazu iz složenog SC-EGC kombinera u prisustvu log-normalnog fedinga", INFOTEH-Jahorina, Proceed., 8 (Ref.B-I-11), 126 - 130 (Mart 2009).

21. Milošević, B., Todosijević, V., Bogdanović, R., **Popović, Z.**, "The Statistical Characteristics on Output Signals of MRC or EGC Diversity Systems in presence of the fading", UNITECH-Gabrovo'08, Bulgaria, Proceed., 255 - 259 (Gabrovo, 2008)
22. Stefanović, H., Stefanović, M., Stefanović, V., **Popović, Z.**, "Statističke karakteristike Rajsovog signala u prisustvu Nakagami smetnji", INFOTEH-Jahorina, Proceed., 7 (Ref. B-I-10), 93 - 96 (Mart 2008)
23. **Popović, Z.**, Stefanović, H., Cvetković, A., Blagojević, D. i Anastasov J., "Neke integralne karakteristike hi-kvadrat raspodele sa stanovišta njene primene u telekomunikacijama", INFOTEH-Jahorina, Proceed., 7 (Ref.B-I-9), 89 - 92 (Mart 2008).
24. Stefanović, D., Blagojević, D., Simeunović, R., **Popović, Z.** "A some aspects of electrical properties prognosis from micro structural view point", VII Scientific Meeting Physics and Technology of Materials FITEM'07, Book of Abstracts p. 28 (Čačak, 2007).
25. Mitić, A., Blagojević, D., Stefanović, D., **Popović, Z.** "Some specific properties of Rician PDF and possibility of its application in modeling of ITS infrastructures", 8. International Conference on Telecommunication in Modern Satellite, Cable and Broadcasting Services, TELSIX 2007, Proceed., 2, 513 - 516 (Niš, 2007).
26. Stefanović, I., Blagojević, D., Stefanović, D., **Popović, Z.**, "A somelaws of the system with constant amount of energy energy", VI Scientific Meeting Physics and Technology of Materials FITEM'05, Book of Abstracts p. 52 (Čačak, 2005).
27. Stefanović, I., Blagojević, D., Stefanović, D., **Popović, Z.**, "The cohesive energy and grain size distribution", VI Scientific Meeting Physicsand Technology of Materials FITEM'05, Book of Abstracts p. 51 (Čačak, 2005).

M51 Rad u vodećem časopisu nacionalnog značaja

28. Stefanović, M., Panić, S., Anastasov, J., Cvetković, A., **Popović, Z.**, "Capacity Evaluation for Maximal Ratio Combining over $\kappa-\mu$ Fading channels", Serbian Journal of Electrical Engineering, 8 (No.2), 221 - 228 (May 2011).
29. Aleksić, D., Stefanović, M., **Popović, Z.**, Radenković, D. and Ristić, J., "On the K and KG Fading Channels", Serbian J. of Electrical Engineering, 6(No. 1), 187 - 201 (May 2009).
30. Stefanović, M., **Popović, Z.**, Destović, F. and Tanasković, N., "Statistical Properties for Multipath-Relayed Communications Over Fading Channels", Serbian Journal of Electrical Engineering, 5 (No. 2), 341 – 352(Nov. 2008).

M63 Saopštenje sa skupa nacionalnog značaja štampano u celini

31. Stefanović, H., **Popović, Z.**, Stefanović, D., Blagojević, D.; "Analiza integralnih karakteristika Vejbulove raspodele", TELFOR 2009, Proceed., 500 – 503 (Beograd, 2009).
32. **Popović, Z.**, Stefanović, Č., Krstić, D., Stefanović, M.; "Diverziti doprinosu višestrukim kanalima sa združenim gama-gamafedingom", TELFOR 2009, Proceed., 374 – 377 (Beograd, 2009).
33. Stefanović, H., Stefanović, D., **Popović, Z.**, Stefanović, V.; "Analiza integralnih karakteristika Rejljeve i Nakagami-m raspodele", YUINFO 2009, Zbornik radova na CD-u, Kopaonik, 2009.

34. Stefanović, M., Sekulović, N., Milosavljević, S., **Popović, Z.**, "Analiza makro-diverziteta sistema sa dve grane u prisustvu Rajsovog fedinga i gama senke", 53. Konferencija za elektroniku, telekomunikacije, računarstvo i nuklearnu tehniku - ETRAN 2009 (Vrnjačka banja, Srbija, 15-18 jun 2009), Zbornik radova, TE2.7-1-4.
35. **Popović, Z.**, Stefanović, H., Blagojević, D., i Stefanović, D.; "Hi kvadrat distribucija – drugo stepena ograničenja", TELFOR 2008, Proceed., 315 – 317 (Beograd, 2008).
36. Popović, H., **Popović, Z.**, Blagojević, D., Stefanović, V., i Stefanović, D.; "Analiza integralnih karakteristika Rejljive raspodele", TELFOR 2007, Proceed., 311 – 314 (Beograd, 2007).