Goran Stojanović

Van. prof. dr Goran Stojanović, rođen je 1972. godine. Osnovnu i srednju elektrotehničku školu završio je u Smederevu sa odličnim uspehom. Diplomirao je na Fakultetu tehničkih nauka (FTN) u Novom Sadu, na odseku Elektrotehničke struke i računarstva, smer Elektronika i telekomunikacije novembra 1996. godine. Magistrirao je 2002. godine, a doktorirao 2005. godine na Fakultetu tehničkih nauka, Univerziteta u Novom Sadu.

U svom naučnom radu publikovao je 20 radova u časopisima sa SCI liste (sa impakt faktorima), sa indeksom citiranosti preko 50. Za pokazan izuzetan uspeh u oblasti tehničko-tehnoloških nauka 2007. godine dobio je nagradu „dr Zoran Đinđić“ za najboljeg mladog naučnika i istraživača u AP Vojvodini.

Koordinator je dva FP7 projekta koji se realizuju na Katedri za elektroniku FTN-a, jednog REGPOT sa akronimom APOSTILLE (1.05 MEUR) i jednog ITN sa akronimom SENSEIVER (3.01 MEUR). Pored ovoga rukovodio je EUREKA projektom, WUS projektom, jednim pokrajinskim projektom, a učestvovao je i u TEMPUS projektima i projektima finansiranim od strane Ministarstva za nauku i tehnološki razvoj.

Profesor Stojanović je recenzent uglednih međunarodnih časopisa IEEE Microwave and Wireless Components Letters, Microelectronic Journal, Transactions of the Institute of Measurement and Control i International Journal of Electronics and Communications. Na Internacionalnom salonu inovacija i inovativnih tehnologija “ARCHIMEDES’2011, održanom u Moskvi dobio je zlatnu medalju za dizajn senzora za merenje vlage u građevinskim materijalima. Na konferencijama EPE-PEMC’2010 i ETRAN2004 dobio je (zajedno sa ostalim koautorima) nagrade za najbolje radove.

U okviru nastavnih aktivnosti drži predavanja studentima na predmetima “Uvod u Elektroniku“, “Materijali u elektrotehnici”, “Nanotehnologije“ i “Organska elektronika“. Goran Stojanović se ističe i u nastavnoj delatnosti, gde na anketama studenata dobija najviše ocene o svom radu (oko 9.8), zbog čega je na dan FTN-a (18.05.2008.) dobio nagradu za najbolje ocenjenog profesora od strane studenata. Objavio je i udžbenik i zbirku zadataka iz oblasti Materijala u elektrotehnici.

Kao profesor po pozivu boravio je u Parizu na Univerzitetu SUD XI u leto 2011. godine. Goran Stojanović živi u Novom Sadu. Govori engleski jezik. Član je IEEE.

Publikovani naučni radovi u časopisima sa SCI liste

1. Mirjana Maksimović, **Goran Stojanović**, Milan Radovanović, Mirjana Malešev, Vlastimir Radonjanin, Goran Radosavljević, Walter Smetana, "Application of a LTCC sensor for measuring moisture content of building materials", *Construction and Building Materials*, 2012, vol. 26, no. 1, pp. 327-333, ISSN: 0950-0618. (M22), IF: 1.366 (2010), Materials Science, Multidisciplinary (93/225).

2. Marija Milanović, **Goran Stojanović**, Ljubica M. Nikolić, Milan Radovanović, Branko Škorić, Aleksandar Miletić, "Electrical and structural characterisation of nanostructured titania coatings deposited on interdigitated electrode system", *Materials Chemistry and Physics*, 2011, vol. 130, no. 1-2, pp. 769-774, ISSN: 0254-0584. (M21), IF: 2.356 (2010), Materials Science, Multidisciplinary (45/225).

3. Slavica Savić, Lidija Mančić, Katarina Vojisavljević, **Goran Stojanović**, Zorica Branković, Obrad Aleksić, Goran Branković, "Microstructural and electrical changes in nickel manganite powder induced by mechanical activation", *Materials Research Bulletin*, vol. 46, no. 7, pp. 1065-1071, 2011, ISSN: 0025-5408. (M21), IF: 2.146 (2010), Materials Science, Multidisciplinary (49/225).

4. **Goran Stojanović**, Nikola Lečić, Mirjana Damnjanović, Ljiljana Živanov, "Electrical and temperature characterization of NiZn ferrites", *International Journal of Applied Electromagnetics and Mechanics*, vol. 35, no. 3, pp. 165-176, 2011, ISSN: 1383-5416. (M23), IF: 0.328 (2010), Engineering, Electrical & Electronic (208/247).

5. **Goran Stojanović**, Milan Radovanović, Mirjana Malešev, Vlastimir Radonjanin, "Monitoring of Water Content in Building Materials Using a Wireless Passive Sensor", *Sensors*, 2010, vol. 10, no. 5, pp. 4270-4280, ISSN 1424-8220. (M21), IF: 1.774 (2010), Instruments & Instrumentation (15/61).

6. Mirjana Damnjanović, Ljiljana Živanov, **Goran Stojanović**, Aleksandar Menićanin, "Influence of Conductive Layer Geometry on Maximal Impedance Frequency Shift of Zig-Zag Ferrite EMI Suppressor", *IEEE Transactions on Magnetics*, 2010, vol. 46, no. 6, UDK 10.1109/TMAG.2010.2042571, ISSN: 0018-9464. (M22), IF: 1.053 (2010), Engineering, Electrical & Electronic (118/247).

7. Aleksandar Zoranović, **Goran Stojanović**, Veljko Malbaša, "Development of an MP3 player using an MP3 hardware decoder", *International Journal of Electrical Engineering Education*, 2010, vol. 47, no. 3, pp. 329-342, ISSN: 0020-7209, (M23) IF: 0.158 (2010), Engineering, Electrical & Electronic (232/247).

8. Slavica Savić, **Goran Stojanović**, Maria Vesna Nikolić, Obrad Aleksić, Danijela Luković-Golić, Pantelija Nikolić, "Electrical and transport properties of nickel manganite obtained by Hall effect measurements", *Journal of Materials Science: Materials in Electronics*, 2009, vol. 20, no. 3, pp. 242-247, ISSN: 0957-4522. (M22), IF: 1.020 (2009), Engineering, Electrical & Electronic (119/246).

9. **Goran Stojanović**, Slavica Savić, Ljiljana Živanov, "Important Role of the Hall Effect Measurement System in a Modified Course of Materials in Electrical Engineering", *IEEE Transaction on Education,* 2009, vol. 52, no. 3, pp. 297-304, ISSN: 0018-9359. (M23), IF: 0.822 (2009), Engineering, Electrical & Electronic (138/246).

10. Miljko Satarić, Nikola Bednar, Bojan Satarić, **Goran Stojanović**, "Actin Filaments as Nonlinear RLC Transmission Lines", *International Journal of Modern Physics B*, 2009, vol. 23, no. 22, pp. 4697-4711, ISSN: 0217-9792. (M23), IF: 0.408 (2009), Physics, Applied (99/108).

11. Mirjana Damnjanović, **Goran Stojanović**, Ljiljana Živanov, "An educational software tool for design of ferrite EMI suppressors", *International Journal of Electrical Engineering Education*, 2009, vol. 46, no. 3, pp. 225-238, ISSN: 0020-7209. (M23) IF: 0.106 (2009), Engineering, Electrical & Electronic (230/246).

12. **Goran Stojanović**, Vladimir Srdić, Marija Maletin, "Electrical properties of yttrium-doped Zn and Ni–Zn ferrites", *Physica Status Solidi (a): Applications & Materials Science*, 2008, vol. 205, no. 10, pp. 2464- 2468, ISSN: 0031-8965. (M22) IF: 1.205 (2008), Materials Science, Multidisciplinary (92/192).

13. **Goran Stojanović**, Mirjana Damnjanović, Ljiljana Živanov, "Temperature dependence of electrical parameters of SMD ferrite components for EMI suppression", *Microelectronics Reliability*, 2008, vol. 48, no. 7, pp. 1027- 1032, ISSN: 0026-2714. (M22) IF: 1.29 (2008), Engineering, Electrical & Electronic (92/229).

14. Mirjana Damnjanović, **Goran Stojanović**, Vladan Desnica, Ljiljana Živanov, Ramesh Raghavendra, Pat Bellew, Neil Mcloughlin, "Analysis, design and characterization of ferrite EMI suppressors," *IEEE Transactions on Magnetics*, 2006, vol. 42, no. 2, pp. 270-277, ISSN: 0018-9464. (M22) IF: 0.938 (2006), Engineering, Electrical & Electronic (79/206).

15. **Goran Stojanović**, Mirjana Damnjanović, Vladan Desnica, Ljiljana Živanov, Ramesh Raghavendra, Pat Bellew, Neil Mcloughlin, "High performance zig-zag and meander inductors embedded in ferrite material," *Journal of Magnetism and Magnetic Materials*, no, 2, 2006, pp. 76-83, ISSN: 0304-8853. (M22) IF: 1.212 (2006), Materials Science, Multidisciplinary (70/175).

16. Mirjana Damnjanović, **Goran Stojanović**, Ljiljana Živanov, Vladan Desnica, "Comparison of different structures of ferrite EMI suppressors," *Microelectronics International*, 2006, vol. 23, no. 3, pp. 42-48, ISSN: 1356-5362. (M23) IF: 0.474 (2006), Engineering, Electrical & Electronic (136/206).

17. **Goran Stojanović**, Ljiljana Živanov, "Novel efficient method for inductance calculation of inductors with optimized layout," *International Journal of RF and Microwave Computer-Aided Engineering*, 2006, vol. 16, no. 5, pp. 463-469, ISSN: 1096-4290. (M23) IF: 0.496 (2006), Engineering, Electrical & Electronic (130/206).

18. **Goran Stojanović**, Ljiljana Živanov, Mirjana Damnjanović, "Novel efficient methods for inductance calculation of meander inductor," *COMPEL - The international journal for computation and mathematics in electrical engineering*, 2006, vol 25, no. 4, pp. 916-928, ISSN: 0332-1649. (M23) IF: 0.274 (2006), Engineering, Electrical & Electronic (164/206).

19. **Goran Stojanović**, Andrea Marić, Ljiljana Živanov, "Review of various realizations of integrated monolithic transformers", *Informacije MIDEM - Journal of microelectronics, electronic components and materials*, (IF: 0.085), vol. 35, no. 3, pp. 122-132, 2005, (M23).

20. Ramesh Raghavendra, Pat Bellew, Neil Mcloughlin, **Goran Stojanović**, Mirjana Damnjanovic, Vladan Desnica, Ljiljana Zivanov, "Characterization of Novel Varistor+Inductor Integrated Passive Devices," *IEEE Electron Devices Letters* (IF: 2.538), vol. 25, no. 12, pp. 778-780, 2004, (M21).

Rukovođenje projektima (koordinator sledećih projekata)

Međunarodni projekti:

1. FP7-PEOPLE-2011-ITN: "*Low-cost and energy-efficient LTCC sensor/IR-UWB transceiver solutions for sustainable healthy environment*" (SENSEIVER - no. 289481, coordinator: prof. Goran Stojanović), 2011-2014, ukupne vrednosti → **3.01 MEUR**.
2. FP7, REGPOT: "*Reinforcement of Research Potentials of the Faculty of Technical Sciences in the Field of Post Silicon Electronics*" (APOSTILLE - no. 256615, coordinator: prof. Goran Stojanović), 2010-2013. → **1.05 MEUR**.
3. FP7-PEOPLE-2011-IAPP: "*Advanced on-chip bio-sensors for the detection of biologically important neurotransmitters, based on electrochemically nano-coated conjugated polymer composites on carbon fibers*" (CAFIPOSEN - no. 286389, UNS team leader: prof. Goran Stojanović), 2011-2014. → **1.38 MEUR**.
4. EUREKA projekat: "New Generation of 3D Integrated Passive Components and Microsystems in LTCC Technology", E!4570, 2009-2011.
5. Bilateralni projekat Srbija-Francuska: "Design, modelling and optimisation of novel integrated passive components for electronic application", 2007-2009.
6. WUS projekat: "Materials in Electrical Engineering", no. 106/06, 2006-2007.

Pokrajinski projekat:

1. "Realizacija mikro-senzora visokih performansi za rad u ekstremnim uslovima okruženja", br. 114-451-01009/2008-01, 2008-2010.

Ocene na anketi studenata

Školska 2006/2007		Školska 2007/2008		Školska 2008/2009		Školska 2009/2010	
Zimski semestar	Letnji semestar	Zimski semestar	Letnji semestar	Zimski semestar	Letnji semestar	Zimski semestar	Letnji semestar
9,82 *(64 stud.)*	9,93 *(14 stud.)*	9,73 *(30 stud.)*	9,86 *(21 stud.)*	9,90 *(41 stud.)*	9,51 *(45 stud.)*	9,88 *(60 stud.)*	

Školska 2010/2011		Školska 2011/2012		Školska 2012/2013	
Zimski semestar	Letnji semestar	Zimski semestar	Letnji semestar	Zimski semestar	Letnji semestar
9,97 *(64 stud.)*	9,87 *(23 stud.)*				

Publikovane knjige i skripte

Osnovni udžbenik:	
1. Goran Stojanović, Ljiljana Živanov, ”Materijali u elektrotehnici”, FTN Izdavaštvo (169), 233 stranica, ISBN: 978-86-7892-073-8, 2007.	
Pomoćni udžbenik:	
1. Ljiljana Živanov, Goran Stojanović, Andrea Marić, Goran Radosavljević, ”Materijali u elektrotehnici: zbirka rešenih zadataka”, FTN Izdavaštvo (155), 152 stranice, ISBN: 978-86-7892-044-8, 2007.	
Skripta:	
1. Goran Stojanović, ”Elektronski medicinski uređaji”, štampano u okviru TEMPUS projekta JEP CD TEMPUS 18105, 282 stranice, 2007.