



Goran Stojanović

Associate professor Goran Stojanović was born in 1972.

He graduated in 1996 at the Faculty of Technical Sciences, University of Novi Sad, Serbia and after that he defended master thesis and PhD thesis in 2002 and 2005, respectively.

Prof. Stojanovic published 20 scientific papers in peer-reviewed journals, ISI ranked.

For contribution in technical field of science he awarded as the best young researcher in Vojvodina for 2007 (award „dr Zoran Đinđić“).

Currently, he is the coordinator of two FP7 projects, one REGPOT with the acronym APOSTILLE (1.05 MEUR) and one PEOPLE-ITN with the acronym SENSEIVER (3.01 MEUR). In addition to this, Prof. Stojanovic was the coordinator of one EUREKA project, WUS project and participated in realization of TEMPUS project, etc.

Professor Stojanović is a reviewer of the following international journals: IEEE Microwave and Wireless Components Letters, Microelectronic Journal, Transactions of the Institute of Measurement and Control and International Journal of Electronics and Communications.

At International symposium of innovation “ARCHIMEDES’2011, held in Moscow, Russia 2011, he obtained the gold medal for the design of sensors for measuring water content in building materials. At the conferences EPE-PEMC’2010 and ETRAN2004 his papers awarded as the best papers.

In educational process, prof. Stojanovic is a teacher of the following courses: “Introduction in Electronics“, “Materials in electronics“, “Nanotechnology“, and “Organic electronics“. Prof. Goran Stojanović awarded as the best professor in 2008 according to the anonymous survey of the students of the Faculty of Technical Sciences.

Prof. Stojanovic visited University SUD XI, Paris, France as an invited professor in summer 2011. Goran Stojanović lives in Novi Sad, speaks fluently English language and he is a member of IEEE.

Published papers in ISI ranked journals

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 Damjanović, 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 Damjanović, **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 Damjanović, 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 Damjanović, **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 Damjanović, “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 MIDE M - 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 Damjanovic, 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).

Coordinator of the international projects

International projects:

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, total budget → **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 project: “New Generation of 3D Integrated Passive Components and Microsystems in LTCC Technology”, E!4570, 2009-2011.
5. Bilateral project Serbia-France: “Design, modelling and optimisation of novel integrated passive components for electronic application”, 2007-2009.
6. WUS project: “Materials in Electrical Engineering”, no. 106/06, 2006-2007.

National (provincial Vojvodina) project:



1. “Realization of micro-sensors of high performances for operation in harsh environment”, no. 114-451-01009/2008-01, 2008-2010.

Marks at the anonymous students' survey

2006/2007		2007/2008		2008/2009		2009/2010	
Winter semester	Summer semester	Winter semester	Summer semester	Winter semester	Summer semester	Winter semester	Summer semester
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.)	

2010/2011		2011/2012		2012/2013	
Winter semester	Summer semester	Winter semester	Summer semester	Winter semester	Summer semester
9,97 (64 stud.)	9,87 (23 stud.)				

Books

Books:	
<p>1. Goran Stojanović, Ljiljana Živanov, "Materials in Electronics", FTN Izdavaštvo (169), 233 pages, ISBN: 978-86-7892-073-8, 2007.</p>	
<p>1. Ljiljana Živanov, Goran Stojanović, Andrea Marić, Goran Radosavljević, "Materijali u elektrotehnici: zbirka rešenih zadataka", FTN Izdavaštvo (155), 152 pages, ISBN: 978-86-7892-044-8, 2007.</p>	
Brochure:	
<p>1. Goran Stojanović "Electronic medical devices", 282 pages, 2007.</p>	