



Srđan Brkić, MScEE

brka05@gmail.com

Innovation center,
School of Electrical Engineering, University of Belgrade
Bulevar kralja Aleksandra 73, 11120 Belgrade, Serbia

EDUCATION

2009-2010	MSc in Electrical Engineering (Department of System Engineering and Radio Communication), School of Electrical Engineering, University of Belgrade, Serbia.
MSc Thesis	Performance Evaluation of UMTS Turbo Codes and their Combining with ARQ Technique Proposal (supervisor: Prof. Predrag Ivaniš).
2005-2009	Dipl. Eng. in Electrical Engineering (Department of Telecommunication and Information Technologies), School of Electrical Engineering, University of Belgrade, Serbia.
Diploma work	A Simulation Analysis of Cyclic Redundancy Check Codes (supervisor: Prof. Predrag Ivaniš).
2001-2005	High-school "Tanasije Pejatović", Pljevlja, Montenegro

WORK EXPERIENCE

2010-	Research Assistant, Innovation Center, School of Electrical Engineering,
--------------	--

PROJECTS

National

2010-	TR32028, MNTR , Advanced Techniques for Efficient Use of Spectrum in Wireless Systems, Project leader: prof. Predrag Ivaniš.
--------------	---

PATENTS & PUBLICATIONS

National journals

2013	S. Brkić, P. Ivaniš, "Energy detector performance in Rician fading channel", <i>Serbian Journal of Electrical Engineering</i> , Vol. 10, No. 1, February 2013, pp. 37-46. (M52)
2011	Srdjan Brkić, Predrag Ivaniš, "Performance Evaluation of HARQ Technique with UMTS Turbo Code", <i>Telfor Journal</i> , vol. 3, no. 2, pp. 86-89, November 2011 (M52)

International conferences

2012	P. Ivanis, V. Blagojevic, M. Stojnic, S. Brkic, "User cooperation diversity in cognitive radio systems", in <i>Proc SAUM 2012</i> , Nis, Serbia, November 2012, pp. 72-79 (invited paper). (M31)
2012	S. Brkic, P. Ivanis, "Joint Optimization of Adaptive Modulation and Eigenchannel Power Allocation in Dual-Branch SVD-MIMO Systems", in <i>Proc SAUM 2012</i> , Nis, Serbia, November 2012, pp. 343-346. (M33)
2011	Srdjan Brkic, Predrag N. Ivanis, "Performances of HARQ Technique with UMTS Turbo Code in Nakagami Fading Channels", in <i>Proc IEEE TELSIS 2011</i> , Nis, Serbia, October 2011, pp. 138-147. (M33)

National conferences

2012	S. Brkić, P. Ivaniš, "Energy Detector Performances In Rician Fading Channels," <i>In proceedings of ETRAN</i> , Zlatibor, June 2012, TE 3.5-1-4 (M63)
2012	S. S. Brkić, D. M. El Mezeni, L. V. Saranovac, J. S. Popović Božović, M. M. Erić, "Evaluation Of Research Platforms For Spectrum Sensing Systems", <i>In proceedings of INFOTEH-JAHORINA 2012</i> , pp. 401-405, Vol. 11, Jahorina, March 2012. (M63)
2011	Srđan S. Brkić, Dragomir M. El Mezeni, Lazar V. Saranovac, Jelena S. Popović Božović, " FPGA Design Of Polyphase Filter Bank Spectrum Channalizer", <i>In proceedings of TELFOR 2011</i> , Belgrade Serbia, November 2011 (M63)
2010	Srđan Brkić, Predrag Ivaniš, „Procena performansi hibridne ARQ procedure sa UMTS kodom“, <i>In proceedings of TELFOR 2010</i> , Belgrade, Serbia, November 2010 (M63)
2009	Srđan Brkić „A Simulation Analysis Of Cyclic Redundancy Check Codes“, <i>In proceedings of TELFOR 2009</i> , Belgrade Serbia, November 2009 (M63)

PROFESSIONAL MEMBERSHIPS

- IEEE Student

LANGUAGES

- English (level B2)