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**РАДОВИ У МЕЂУНАРОДНИМ
ЧАСОПИСИМА**

Refereed papers in archival journals: [82]

N. Mohottige, O. Glubokov, U. Jankovic and D. Budimir, "Ultra Compact Inline E-plane Waveguide Bandpass Filters Using Cross Coupling", *IEEE Transaction on Microwave Theory and Techniques*, (submitted).

[82] W. Ahmad and D. Budimir "Dual-band Filtenna Array for WLAN Applications, *Microwave and Optical Technology Letters* (accepted).

[81] N. Maletic, M. Cabarkapa, N. Neskovic and D. Budimir, "The hardware impairments impact on fixed-gain AF relaying performance in Nakagami-m fading", *IET Electronics Letters* (accepted).

[80] B. Bukvic and D. Budimir, "Magnetically Biased Graphene Based Switches for Microwave Applications", *Microwave and Optical Technology Letters*, Vol 57, pp. 2956-2958 Issue 12, December 2015,

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[78] M. Bozic and D. Budimir, "Joint Compensation of I/Q Impairments and PA Nonlinearity for Concurrent Dual-Band Transmitters using Two-Box Model", *IEEE Microwave and Wireless Components Letters*, Vol. 25, No. 5, pp. 340-343, May 2015.

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<p>РАДОВИ САОПШТЕНИ НА МЕЂУН. СКУПОВИМА</p>	<p>Refereed Conference Papers /Papers in technical conference proceedings (1992-present): [229]</p> <p>Refereed Conference Papers (2007-2016): [99]</p> <p>[99] U. Jankovic and D. Budimir, "Stepped-bend Substrate Integrated Waveguide to Rectangular Waveguide Transition", <i>2016 IEEE International Symposium on Antennas and Propagation and USNC-URSI Nnational Radio Science Meeting</i>, June 26 – July 1, 2016, San Juan, Puerto Rico, USA.</p> <p>W. Ahmad and D. Budimir, "Inkjet-Printed Filtennas with Triple Bandnotch", <i>2016 IEEE International Symposium on Antennas and Propagation and USNC-URSI Nnational Radio Science Meeting</i>, June 26 – July 1, 2016, San Juan, Puerto Rico, USA.</p>

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	<p>B. Bukvic, N. Neskovic and D. Budimir, "Reconfigurable RF Power Amplifiers for Wireless Transmitters", <i>IEEE 20th Telecommunication Forum (TELFOR 2012)</i>, 20-22 November 2012, Belgrade, Serbia.</p>
	<p><u>O. Glubokov and D. Budimir, Compact Filters Using Metal-Dielectric Inserts, 42nd European Microwave Conference (EuMC2012), 28 October – 2 November 2012, Amsterdam, The Netherland.</u></p>
	<p><u>M. Bozic, M. Cabarkapa, N. Neskovic, A. Neskovic and D. Budimir, "Evaluation of Nonlinear Distortion in MIMO Transmitters", 42nd European Microwave Conference (EuMC2012), 28 October – 2 November 2012, Amsterdam, The Netherland.</u></p>
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	<p>D. Budimir, "Mobile and Wireless Communication Systems", University of Belgrade, Belgrade, Serbia, The Brain Gain Program (BGP), World University Service Austria, December 2009</p> <p>D. Budimir, "Wireless System Design", University of Belgrade, Belgrade, Serbia, The Brain Gain Program (BGP), World University Service Austria, December 2010</p> <p>D. Budimir and D. Bondar, Compensation of Nonlinear Distortion in RF Power Amplifiers for Wireless Communications, <i>IEEE 19th Telecommunications Forum TELFOR 2011</i>, 22-24 November 2011, Belgrade, Serbia.</p>
<p>РЕЗУЛТАТИ У РАЗВОЈУ ОБРАЗОВНО-НАУЧНЕ ОБЛАСТИ</p>	<p>Led by Dr. Djuradj Budimir the Wireless Communications Research Group (WCRG) has been operational since 1998 and during that time was submitted by the University to three Research Assessments including REF-2014. The group's research expenditures in the last 10 years were over £0,600,000, including a large HEFCE equipment grant. The funding came from EPSRC, EU, The Royal Society, The Royal academy of Engineering, The Nuffield Foundation, and several small companies. The research from which the impact arises is largely achieved through realisation of the following research projects:</p> <p>EPSRC: A 2-year EPSRC funded project, EPSRC Grant Reference: GR/M58634/01, "Waveguide Filters with Improved Stopband Performance and Novel Antenna Filters for Millimeter-wave Applications", Principal investigator Dr. D. Budimir (University of Westminster). 04 May 1999 - 03 May 2001.</p> <p>A 3-year EPSRC Case Studentship Award Reference: GR/00312760, "Novel 3D Multilayer Passive MIC and MMIC Components for Microwave and Millimetre-wave Applications", Principal investigator Dr. D. Budimir (University of Westminster), 09 Oct. 2000 – 08 Oct. 2003.</p> <p>The Royal Society: The Royal Society Fellowship; European Science Exchange Programme (ESEP), Adaptive Error Control Schemes for Software Radio", March 2000.</p> <p>The Royal Academy of Engineering The Royal Academy of Engineering; International Travel Grant; May 2006. The Royal Academy of Engineering; International Travel Grant; May 2007. The Royal Academy of Engineering; International Travel Grant; May 2008. The Royal Academy of Engineering; International Travel Grant; May 2009. The Royal Academy of Engineering; International Travel Grant; May 2010.</p> <p>The Nuffield Foundation The Nuffield Foundation, Undergraduate Research Bursaries 2006, URB/33430; June – August 2006. The Nuffield Foundation, Undergraduate Research Bursaries 2007, URB/34211; June – August 2007.</p>

		<p>The Nuffield Foundation, Undergraduate Research Bursaries 2007, URB/36774; June – August 2009.</p> <p>European Commission: European Commission: Directorate-General for Education and Culture, Individual Mobility Grant, IMG-SCG2011-2004,</p> <p>European Commission: Directorate-General for Education and Culture, Individual Mobility Grant, IMG-RS3003-2006</p> <p>European Commission: A 4-year European Project; EUROWEB: European Research and Educational Collaboration with Western Balkan, Grant Number: EMA2 2011-2591,</p> <p>Teaching Grants and Externally Funded Collaborations</p> <p>European Commission (TEMPUS) CD_JEP-18105-2003, 2004-2007 "Revision of Electrical Engineering Curricula Based on New Technologies and Bologna Recommendations", Three-year collaborative programme with University of Porto, Portugal; University of Cagliari, Italy; University of Hannover, Germany; University of Kassel, Germany; Polytechnic University of Valencia, Spain; University of Belgrade, F. Yugoslavia, University of Novi Sad, F. Yugoslavia, and University of Nis, F. Yugoslavia.</p> <p>Applied and Awarded SRIF Programme: SRIF programme (HEFCE Capital Research Project Fund): Project Capital Allocation;</p>
ЦИТИРАНОСТ НАУЧНИХ РЕЗУЛТАТА		<p>Citations: 1344 (<i>Google scholar</i>, Mart 2016)</p> <p><u>h-index</u>: 17</p> <p><u>i10-index</u>: 38</p>
МЕЂУНАРОДНА РЕПУТАЦИЈА	ГОСТ УРЕДНИК МЕЂУНАРОДНОГ ЧАСОПИСА	
	ПРЕДСЕДАВАО МЕЂУНАРОДНИМ НАУЧНИМ КОНФЕРЕНЦИЈАМА	<p>Local arrangements chair <i>European Microwave Week (EuMW2016), 2016, London, UK</i></p> <p>Technical Conference Session Chair: 22</p>
	ЧЛАНСТВО У УРЕЂИВАЧКИМ ОДБОРИМА МЕЂУНАРОДНИХ НАУЧНИХ ЧАСОПИСА	<p>Associate Editor, IET Electronics Letters</p> <p>I am a member of the Editorial board of the Microwave Review.</p>

		International Journal Publishing Activities/Editorial Review Board Member. 10
	АУТОР МЕЂУНАРОДНЕ МОНОГРАФИЈЕ	<p>Books/Book Chapters and Software's:</p> <p>[1] D. Budimir, "<i>Generalized Filter Design by Computer Optimization</i>", ISBN 0-89006-579-9, Artech House Books, March 1998.(57 cites)</p> <p>[2] D. Budimir, "<i>DBFILTER</i>", Software and User Manual, London, England, 1997.</p> <p>[3] D. Budimir, "<i>EPFIL-Waveguide E-plane Filter Design</i>", Software and User Manual, ISBN 1-58053-083-4, Artech House Books, October 1999.</p> <p>[4] D. Budimir, "<i>Waveguide Components</i>", in the book "<i>Encyclopaedia of RF and Microwave Engineering</i>", Edited by Kai Chang, Volume 6, ISBN: 0-471-27053-9, Wiley, February 2005.</p>
НАПОМЕНА		<p>I have developed a wireless RF, microwave and millimetre-wave circuit design activity which is well-known internationally. I am distinguishing myself by my high caliber and high productivity in research. I have developed a number of prolific and innovative research programs. My impressive and growing publication record in the most reputable journals such as <i>IEEE Transactions on Microwave Theory and Techniques</i> and other prestigious journals continue to gain wide international recognition. In particular, my research work on microwave filters and wireless RF and microwave circuits through my published book and software has led to a unique high profile.</p> <p>I have demonstrated through my numerous publications that I am always capable of introducing highly innovative ideas. I believe that my work have important technological and practical implications. My research team has published over 300 research papers, including >80 refereed journal papers and letters, over 150 papers at major international conferences, and 70 publications at other conferences, more than 15 invited presentations at conferences and seminars with presentations in 22 different countries. I am a member of fifteen International conference Technical Program Committees. My contributions have featured in the BBC.</p> <p>I have supervised 18 PhD/4 MRes students through to completion and currently supervising 4 PhD/0 MRes students as the main supervisor (DoS). The two PhD research students were supported by EPSRC. All PhD students were completed within 4 years.</p> <p>One of my PhD students (Mr. George Goussetis, EPSRC Research Associate and F/T PhD Student (Oct. 1999 - completed 2002). George was lecturer and a Royal Academy of Engineering/EPSRC Research Fellow. He is now Full Professor of Microwave and Antenna Engineering, Electrical, Electronic & Computer Engineering School of Engineering and Physical Sciences, Heriot-Watt University, UK.</p> <p>I have had research grants awarded as PI that total over £0.67M (many in collaboration with other universities).</p>

	<p>I am the author of the book <i>Generalized Filter Design by Computer Optimization</i> (Artech House, 1998) and the Software and Users Manual <i>EPFIL-Waveguide E-plane Filter Design</i> (Artech House, 2000). I also wrote a chapter titled "Waveguide Components", in the "Encyclopaedia of RF and Microwave Engineering", Edited by Kai Chang, ISBN: 0-471-27053-9, Wiley, February 2005, and am currently preparing a textbook titled "Modern Wireless RF and Microwave Circuits and Systems, John Wiley & Sons.</p> <p>I am the owner of EPFIL software which is currently being used in more than 1000 companies and universities all over the world including University of Westminster I have excellent international reputation especially in wireless RF and microwave filter design by computer optimisation.</p>
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