

Табела 1. Подаци о наставницима Факултета техничких наука у Косовској Митровици потребни за унапређење сајта факултета

Име и Презиме	Бранимир Јакшић
Звање	Ванредни професор
Катедра	Катедра за електронику и телекомуникације
Стручни назив	Доктор наука - електротехника и рачунарство
Ужа научна област	Телекомуникације и информациони системи
Датум избора у звање	19.11.2020.
Предмети које наставник држи на основним, мастер и докторским студијама (по акредитацији из 2021. године)	OE63 Дигитална обрада слике OE88 Телекомуникације у електроенергетици OE113 Мобилни системи нове генерације OE114 Пројектовање телекомуникационих мрежа OE66 Рачунарске основе интернета ME40 Аудио и видео продукција DE19 Технике компресије мултимедијалних садржаја DE35 Бежичне сензорске мреже DE44 Мобилне телекомуникације пете генерације
Збирни подаци научне, односно уметничке и стручне активности наставника – подаци који ће бити приказани на почетној страни (на сајту факултета) за наставника	
Укупан број радова по категоријама	
Категорија	Број радова
M21	1
M22	4
M23	19
M24	10
M51	2
M52	4
M53	8
M33	50
M63	3
Цитираност	
Укупан број цитата: 104 (према Scopus-у), 356 (према Google Scholar-у), 226 (према Research Gate-у)	
h-index: 4 (према Scopus-у), 9 (према Google Scholar-у), 6 (према Research Gate-у)	
Веб-сајтови и друштвене мреже (Scopus, ORCID, Google scholar, Research gate ...)	
Scopus Author ID: 55608144700	
ORCID: 0000-0001-6683-0021	
Google Scholar: https://scholar.google.com/citations?user=ikSU8NkAAAAJ&hl=sr&oi=ao	
Research Gate: https://www.researchgate.net/profile/Branimir-Jaksic-2	
Linkedin: https://www.linkedin.com/in/branimir-jaksic-37108251/	
Библиографија – подаци који ће се приказати за наставника кликом на одговарајући линк на сајту факултета	
Радови у часописима са SCI листе	
1. Vladimir Maksimovic, Branimir Jaksic , Ivana Milosevic, Petar Spalevic, Mile Petrovic, <i>Solution for Multimedia Television System as An Educational Laboratory</i> , Revue	

- Roumaine Des Sciences Techniques - Série Électrotechnique et Énergétique, Vol. 1, Iss. 67, pp. 53-58, 2022. ISSN: 0035-4066
<https://journal.iem.pub.ro/rst-ee/article/view/84/144>
2. **Branimir Jakšić**, Jelena Todorović, Đoko Bandur, Branko Gvozdić, Miloš Bandur, *Outage Performance of Macrodiversity Reception in the Presence Rayleigh Short-Term Fading and Co-channel Interference*, Acta Polytechnica Hungarica, Vol. 18, No. 7, pp. 171-186, 2021, ISSN: 1785-8860. DOI: 10.12700/APH.18.7.2021.7.9
http://acta.uni-obuda.hu/Jaksic_Todorovic_Bandur_Gvozdic_Bandur_114.pdf
 3. Jelena Todorović, **Branimir Jakšić**, Petar Spalević, Djoko Bandjur, Stefan Panić, *Average Bit Error Rate at Signal Transmission with OOK Modulation Scheme in Different FSO Channels*, Tehnički vjesnik - Technical Gazette, Vol. 28, No. 3, pp. 725-732, June 2021. ISSN 1330-3651 (Print), ISSN 1848-6339 (Online). DOI: 10.17559/TV-20190819113450
https://hrcak.srce.hr/index.php?show=clanak&id_clanak_jezik=375245
 4. Miloš Bandur, Đoko Bandur, **Branimir Jaksic**, Aleksandar Micić, Jelena Todorović, *Performance Evaluation of IEEE 802.15.4 Networks in the Presence of α - η - μ Fading, Interference and Noise*, Revue Roumaine Des Sciences Techniques - Serie Electrotechnique Et Energetique, Vol. 66, Iss. 3, pp. 191-194. ISSN: 0035-4066
<http://revue.elth.pub.ro/viewpdf.php?id=973>
 5. Vladimir Maksimovic, Mile Petrovic, Dragan Savic, **Branimir Jaksic**, Petar Spalevic, *New approach of estimating edge detection threshold and application of adaptive detector depending on image complexity*, Optik, Vol. 238, July 2021. ISSN: 0030-4026. DOI: 10.1016/j.ijleo.2021.166476
<https://www.sciencedirect.com/science/article/abs/pii/S0030402621002072>
 6. **Branimir Jaksic**, Dragisa Miljkovic, Vladimir Maksimovic, Mile Petrovic and Branko Gvozdic, *Satellite television transmission in the world - broadcasting systems and standards*, Acta Scientiarum Technology, Vol. 42, No. 1, e44957, 2020. ISSN on-line: 1807-8664. DOI: 10.4025/actascitechnol.v42i1.44359
<http://www.periodicos.uem.br/ojs/index.php/ActaSciTechnol/article/view/44957/751375149592>
 7. Ranko Babić, Lidija Babić, **Branimir Jakšić**, *New aspect of transition between line and continuous spectrum and its relation to seismic influence on structures*, Scientia Iranica: Transactions on Computer Science & Engineering and Electrical Engineering, Vol. 27, No. 3, pp. 1515-1524, 2020. Print ISSN: 1026-3098, Online ISSN: 2345-3605. DOI: 10.24200/sci.2018.20326
http://scientiairanica.sharif.edu/article_20326.html
 8. Đoko Bandur, **Branimir Jakšić**, Anđelija Raičević, Brankica Popović, Miloš Bandur, *Performance Analysis of an IEEE 802.15.4 Network Operating Under κ - μ Fading, Interference and AWGN*, Iranian Journal of Science and Technology, Transactions of Electrical Engineering, Published: 11 March 2020. ISSN: 2228-6179. DOI: 10.1007/s40998-020-00329-1
<https://link.springer.com/article/10.1007/s40998-020-00329-1>
 9. Vladimir Maksimović, **Branimir Jakšić**, Mile Petrović, Petar Spalević, Mirko Milošević, *Analysis of Edge Detection on Compressed Images with Different Complexities*, Acta Polytechnica Hungarica, Vol. 17, No. 4, pp. 123-143, 2020. ISSN: 1785-8860. DOI: 10.12700/APH.17.4.2020.4.7
http://www.uni-obuda.hu/journal/Maksimovic_Jaksic_Petrovic_Spalevic_Milosevic_101.pdf
 10. Ratko Ivković, Mile Petrović, Branislav Daković, **Branimir Jakšić**, Ivana Milošević, *Segmentation And Classification of Bi-Rads Medical Images with the Imaging*

- Biomarkers According to Level of Detail*, Tehnički vjesnik - Technical Gazette, Vol. 27, No. 2, pp. 527-534, April 2020. ISSN 1330-3651 (Print), ISSN 1848-6339 (Online). DOI: 10.17559/TV-20181221151205
https://hrcak.srce.hr/index.php?show=clanak&id_clanak_jezik=343922
11. Vladimir Maksimović, **Branimir Jakšić**, Mile Petrović, Petar Spalević, Stefan Panić, *New Approach to Edge Detection on Different Level of Wavelet Decomposition*, Computing and Informatics, Vol. 38, No. 5, pp. 1067-1090, 2019. ISSN: 2585-8807. DOI: 10.31577/cai_2019_5_1067
http://www.cai.sk/ojs/index.php/cai/article/view/2019_5_1067/984
 12. Vladimir Maksimovic, Predrag Lekic, Mile Petrovic, **Branimir Jaksic**, Petar Spalevic, *Experimental analysis of wavelet decomposition on edge detection*, Proceedings of the Estonian Academy of Sciences, Vol. 68, Issue 3, pp. 284-298, September 2019. ISSN: 1736-6046 (print). DOI: <https://doi.org/10.3176/proc.2019.3.06>
http://www.kirj.ee/32245/?tpl=1061&c_tpl=1064
 13. Đoko Bandur, **Branimir Jakšić**, Miloš Bandur, Srđan Jović, *An analysis of energy efficiency in Wireless Sensor Networks (WSNs) applied in smart agriculture*, Computers and Electronics in Agriculture, Vol. 156, January 2019, pp. 500-507. ISSN: 0168-1699. DOI: <https://doi.org/10.1016/j.compag.2018.12.016>
<https://www.sciencedirect.com/science/article/pii/S0168169918316570?dgcid=author>
 14. Miloš Perić, **Branimir Jakšić**, Danijela Aleksić, Dragan Randjelović, Mihajlo Stefanović, *Outage Probability of Macrodiversity Reception in the Presence Fading and Weibull Co-Channel Interference*, Tehnički vjesnik - Technical Gazette, Vol. 25, No. 2, pp. 376-381, April 2018, ISSN: 1330-3651 (Print), ISSN: 1848-6339 (Online). DOI: 10.17559/TV-20161227102847
https://hrcak.srce.hr/index.php?show=clanak&id_clanak_jezik=293191
 15. Djoko Bandjur, **Branimir Jaksic**, Stefan Panic, Milos Bandjur, Ana Matovic, Edis Mekic, *Transmission over kappa-mu Fading channels with Gamma distributed random Line-of-sight components*, Revue Roumaine des Sciences Techniques - Série Électrotechniqueet Énergétique, Vol. 62, No. 2, pp. 179-184, July 2017. ISSN: 0035-4066.
<http://revue.elth.pub.ro/viewpdf.php?id=670>
 16. Dragana Krstic, **Branimir Jaksic**, Milan Gligolirijevic, Dusan Stefanovic, Mihajlo Stefanovic, *Performance of Diversity System Output Signal in Mobile Cellular System in the Presence of α - μ Short Term Fading and Gamma Long Term Fading*, Radioengineering, Vol. 25, No. 4, pp. 757-762, December 2016. Print ISSN: 1210-2512, Online ISSN: 1805-9600. DOI: 10.13164/re.2016.0757
http://www.radioeng.cz/fulltexts/2016/16_04_0757_0762.pdf
 17. **Branimir Jaksic**, Mile Petrovic, Krsto Jaksic, Ivana Milosevic, Ivana Marinkovic, *Development of satellite high-definition television in Europe*, Current Science, Vol. 111, No. 6, pp. 1037-1044, September 2016. ISSN: 0011-3891. DOI: 10.18520/cs/v111/i6/1036-1044
<http://www.currentscience.ac.in/Volumes/111/06/1037.pdf>
 18. Nebojša Djordjević, **Branimir S. Jakšić**, Ana Matović, Marija Matović, Marko Smilić, *Moments of Microdiversity EGC receivers and Macrodiversity SC Receiver Output Signal over Gamma Shadowed Nakagami-m Multipath Fading Channel*, Journal of Electrical Engineering - Elektrotechnický časopis, Vol. 66, No. 6, pp. 348-351, 2015. Print ISSN: 1335-3632, Online ISSN: 1339-309X. DOI: 10.2478/jee-2015-0058
http://iris.elf.stuba.sk/JEEEC/data/pdf/6_115-09.pdf
 19. **Branimir Jaksic**, Dusan Stefanovic, Mihajlo Stefanovic, Petar Spalevic, Vladeta Milenkovic, *Level Crossing Rate of Macrodiversity System in the Presence of Multipath*

<i>Fading and Shadowing</i>, Radioengineering, Vol. 24, No. 1, pp. 185-191, April 2015. Print ISSN: 1210-2512, Online ISSN: 1805-9600. DOI: 10.13164/re.2015.0185 http://www.radioeng.cz/fulltexts/2015/15_01_0185_0191.pdf 20. Branimir Jakšić, Boris Gara, Mile Petrovic, Petar Spalevic, Ljubomir Lazic, <i>Analysis of the Impact of Front and Back light on Image Compression with SPIHT Method during Realization of the Chroma Key Effect in Virtual TV Studio</i>, Acta Polytechnica Hungarica, Vol. 12, No. 2, pp. 71-88, 2015. ISSN: 1785-8860. DOI: 10.12700/APH.12.2.2015.2.5 http://uni-obuda.hu/journal/Jaksic_Gara_Petrovic_Spalevic_Lazic_58.pdf 21. Petar C. Spalevic, Mihajlo Stefanovic, Stefan R. Panic, Branimir S. Jaksic, Mile B. Petrovic, <i>Performance Analysis of Selecting Maximal Ratio Combining Hybrid Diversity System over Ricean Fading Channels</i>, Automatika – Journal for Control, Measurement, Electronics, Computing and Communications, Vol.55 No.3, pp. 299-305, January 2015. Online ISSN: 1848-3380, Print ISSN: 0005-1144. DOI: 10.7305/automatika.2014.12.421 http://hrcak.srce.hr/file/196637 22. Mile Petrović, Branimir Jakšić, Petar Spalević, Ivana Milošević, Ljubomir Lazić, <i>The development of digital satellite television in countries of the former Yugoslavia</i>, Tehnički vjesnik - Technical Gazette, Vol. 21, No. 4, pp. 881-887, August 2014. Print ISSN: 1330-3651, Online ISSN: 1848-6339. http://hrcak.srce.hr/file/186278 23. Caslav Stefanovic, Branimir Jaksic, Petar Spalevic, Stefan Panic, Zoran Trajceviski, <i>Performance Analysis of Selection Combining Over Correlated Nakagami-m Fading Channels with Constant Correlation Model for Desired Signal and Cochannel Interference</i>, Radioengineering, Vol. 22, No. 4, pp. 1176-1181. December 2013, Print ISSN: 1210-2512, Online ISSN: 1805-9600. http://www.radioeng.cz/fulltexts/2013/13_04_1176_1181.pdf 24. Branimir Jakšić, Hana Stefanović, Dejan Milić, Ljubica Spalević, Zoran Trajčevski, Miloš Perić, <i>Relative measurement error analysis in the Weibull fading parameter estimation</i>, Technics Technologies Education Management - TTEM Journal, Vol. 7, No. 4, pp. 1462-1467, 2012. ISBN: 1840-1503. http://ttem.ba/volume-7-number-4/	Радови у часописима ван SCI листе 1. Vladimir Maksimović, Branimir Jakšić, Mirko Milošević, Mile Petrović, Petar Spalević, <i>Bitrate Analysis of Satellite Television Transponders for Europe and Western Balkans</i>, International Journal of Electrical Engineering and Computing, Vol.4, No. 1, pp. 1-9, 2020. e-ISSN: 2566-3682. DOI:10.7251/IJEEC2001001M https://ijeeec.etf.ues.rs.ba/index.php/ijeeec/article/view/80 2. Jelena Todorović, Branimir Jakšić, Petar Spalević, Đoko Bandur, Miloš Bandur, <i>Analysis of Signal Quality in FSO Systems with PolSK Modulation</i>, Serbian Journal of Electrical Engineering, Vol. 17, No. 2, pp. 171-186, June 2020. ISSN 1451-4869. DOI: 10.2298/SJEE2002171T http://www.journal.ftn.kg.ac.rs/Vol_17-2/03-Todorovic-Jaksic-Spalevic-Bandjur-Bandjur.pdf 3. Vladimir D. Maksimović, Jelena M. Todorović, Branimir S. Jakšić, Mile B. Petrović, Petar Lj. Spalević, <i>The Impact of Successive B Frames on TV Signal using Different Compression Techniques and Video Resolution</i>, Telfor Journal, Vol. 11, No. 1, pp. 25-29, 2019. DOI: 10.5937/telfor1901025M http://journal.telfor.rs/Published/Vol11No1/Vol11No1_A5.pdf 4. Branimir Jakšić, Vladimir Maksimović, Jelena Todorović, Mile Petrović, Petar Spalević, <i>Sistemi emitovanja i standardi satelitske televizijske transmisije u Evropi</i>, Tehnika, Vol. 67, No. 6, pp. 827-835, Decembar 2018. ISSN 0040-2176. DOI:
---	---

10.5937/tehnika1806827J
<http://www.sits.org.rs/include/data/docs2414.pdf>

5. Marko M. Smilic, **Branimir S. Jaksic**, Dejan N. Milic, Stefan R. Panic, Petar C. Spalevic, *Channel Capacity of the Macro-Diversity SC System in the Presence of Kappa-Mu Fading and Correlated Slow Gamma Fading*, Facta Universitatis, Series: Electronics and Energetics, Vol 31, No 3, pp. 447-460, 2018. ISSN: 0353-3670. DOI: 10.2298/FUEE1803447S
<http://casopisi.junis.ni.ac.rs/index.php/FUElectEnerg/article/view/3318/2253>
6. Milan Savić, Marko Smilić, **Branimir Jakšić**, *Analysis of Shannon Capacity for SS and MRC Diversity Systems in α - κ - μ Fading Channel*, The University Thought - Publication in Natural Sciences, Vol. 8, No. 2, pp. 41-45, 2018. ISSN: 2560-3094. DOI: 10.5937/univtho8-19491
<http://aseestant.ceon.rs/index.php/univtho/article/view/19491>
7. Bratislav N. Mikarić, Petar Č Spalević, **Branimir Jakšić**, *Mobilne Ad-Hoc Mreže – MANET*, Trendovi u poslovanju, Vol. 12, Issue 2, pp. 47-60, 2018. ISSN: 2334-816X, ISSN (Online): 2334-8356.
<http://trendovi.indmanager.org/index.php/tp/article/view/160>
8. Siniša Ilić, Mile Petrović, **Branimir Jakšić**, Slobodan Bojanić, Petar Spalević, Ranko Babić, *Implementing Master Program on Digital Broadcasting and Broadband Technologies*, Electronics Journal, Vol. 21, No. 2, pp. 100-107, December 2017, ISSN: 1450-5843. DOI: 10.7251/ELS1721100I
<http://doisrpska.nub.rs/index.php/electronics/article/view/4869>
9. Đoko V. Bandur, **Branimir S. Jakšić**, Miloš V. Bandur, *Statistical Analysis of the First Order of α - q Model of Fading*, Technics - Special edition, pp. 73-77, 2017. ISSN: 0040-2176. DOI: 10.5937/tehnika1701077B
<http://www.sits.org.rs/include/data/docs2067.pdf>
10. **Branimir Jakšić**, Ivana Milošević, Mile Petrović, Siniša Ilić, Slobodan Bojanić, Selena Vasić, *Characteristics of Hybrid Broadcast Broadband Television (HBBTV)*, The University Thought - Publication in Natural Sciences, Vol. 7, No. 1, pp. 41-45, 2017. ISSN: 2560-3094. DOI: 10.5937/univtho7-14347
<http://aseestant.ceon.rs/index.php/univtho/article/view/14347/5394>
11. Aleksandar Marković, Stefan Panić, **Branimir Jakšić**, Petar Spalević, Marko Smilić, *Analisis of the Influence of Communication Parameters of FSO Channels on the Reception Quality*, The University Thought - Publication in Natural Sciences, Vol. 7, No. 1, pp. 37-40, 2017. ISSN: 2560-3094. DOI: 10.5937/univtho7-14156
<http://aseestant.ceon.rs/index.php/univtho/article/view/14156/5392>
12. Đoko Bandur, **Branimir Jakšić**, Miloš Bandur, *Statistička analiza prvog reda α - q modela fedinga*, Tehnika, Vol. 66, No. 1, pp. 77-81, 2017. ISSN 0040-2176. DOI: 10.5937/tehnika1701077B
<http://scindeks-clanci.ceon.rs/data/pdf/0040-2176/2017/0040-21761701077B.pdf>
13. **Branimir Jaksic**, Mihajlo Stefanovic, Danijela Aleksic, Dragan Radenkovic, Sinisa Minic, *First-Order Statistical Characteristics of Macrodiversity System with Three Microdiversity MRC Receivers in the Presence of k - μ Short-Term Fading and Gamma Long-Term Fading*, Journal of Electrical and Computer Engineering, Hindawi Publishing Corporation, Volume 2016, Article ID 9689586, 9 pages. ISSN 2090-0147. DOI: 10.1155/2016/9689586
<https://www.hindawi.com/journals/jece/2016/9689586/>
14. Goran Petković, Stefan Panić, **Branimir Jakšić**, *Level crossing rate of macrodiversity with three microdiversity SC receivers over Gamma shadowed Nakagami-m channel*, The University Thought – Publication in Natural Sciences, Vol. 6, No. 1, pp. 1-5, 2016.

ISSN: 2560-3094. DOI:10.5937/univtho6-9797

<http://asestant.ceon.rs/index.php/univtho/article/view/9797/4120>

15. **Branimir S. Jakšić**, *Level Crossing Rate of Macrodiversity SC Receiver with Two Microdiversity SC Receivers over Gamma Shadowed Multipath Fading Channel*, Facta Universitatis Series: Automatic Control and Robotics (FU Aut Cont Rob), Vol. 14, No. 2, pp. 87-98, November 2015. Print ISSN: 1820-6417. Online ISSN: 1820-6425.
<http://casopisi.junis.ni.ac.rs/index.php/FUAutContRob/article/view/819/766>
16. Aleksandar V. Marković, Zoran H. Perić, Danijel B. Došić, Marko M. Smilić, **Branimir S. Jakšić**, *Level Crossing Rate of Macrodiversity System over Composite Gamma Shadowed Alpha-Kappa-Mu Multipath Fading Channel*, Facta Universitatis Series: Automatic Control and Robotics (FU Aut Cont Rob), Vol. 14, No. 2, pp. 99-109, November 2015. Print ISSN: 1820-6417. Online ISSN: 1820-6425.
<http://casopisi.junis.ni.ac.rs/index.php/FUAutContRob/article/view/1001/767>
17. **Branimir Jaksic**, Mile Petrovic, Petar Spalevic, Ratko Ivkovic, Sinisa Minic, *Digitalization of Radio through DRM Standard on Mediumwave and Shortwave*, International Journal of Engineering and Innovative Technology (IJEIT), Volume 3, Issue 9, pp. 72-78, March 2014. ISSN: 2277-3754.
http://ijeit.com/Vol%203/Issue%209/IJEIT1412201403_13.pdf
18. Sinisa Ilic, Mile Petrovic, **Branimir Jaksic**, Petar Spalevic, Ljubomir Lazic, Mirko Milosevic, *Experimental analysis of picture quality after compression by different methods*, Przegląd Elektrotechniczny, Volume 89, Issue 11/2013, pp.190-194, 2013. ISSN: 0033-2097.
<http://pe.org.pl/articles/2013/11/45.pdf>
19. **Branimir S. Jaksic**, Boris Gara, Mile B. Petrovic, Petar Lj. Spalevic and Ivana M. Milosevic, *Analysis of the Effects of Front and Back Lights in Chroma Key Effects During Implementation in Virtual TV Studio*, International Journal Of Computers and Communacations - NAUN, Volume 7, Issue 3, pp. 90-97, 2013. ISSN: 2074-1294.
<http://www.naun.org/main/UPress/cc/c052012-099.pdf>
20. Gradimirka Popovic, Nebojsa Arsic, **Branimir Jaksic**, Boris Gara, Mile Petrovic, *Overview, Characteristics and Advantages of IP Camera Video Surveillance Systems Compared to Systems with other Kinds of Camera*, International Journal of Engineering Science and Innovative Technology (IJESIT), Volume 2, Issue 5, pp. 356-362, September 2013. ISSN: 2319-5967.
http://www.ijesit.com/Volume%202/Issue%205/IJESIT201305_48.pdf
21. **Branimir Jaksic**, Ratko Ivkovic, Boris Gara, Mile Petrovic, Petar Spalevic, *Analysis of different influence of compression algorithm on the image filtered Laplacian, Prewitt and Sobel operator*, International Journal of Darshan Institute on Engineering Research and Emerging Technology (IJDI-ERET), Vol. 2, No.1, pp. 68-76, 2013. ISSN: 2320-7590.
http://www.ijdieret.in/Upload/June%202013%20Vol%202%20No%201/June%202013%20Vol%202%20No%201_June%202013%20Vol%202%20No%201_JJ13_21.pdf
22. Siniša Ilić, **Branimir Jakšić**, Mile Petrović, Aleksandar Marković, Vanja Elčić, *Analysis of Video Signal Transmission Through DWDM Network Based on a Quality Check Algorithm*, ETASR - Engineering, Technology & Applied Science Research, Vol. 3, No. 2, pp. 416-423, 2013. ISBN: 978-960-93-4742-6, ISSN: 1792-8036.
<http://www.etasr.com/index.php/ETASR/article/view/293/184>
23. Mile Petrović, **Branimir Jakšić**, Krsto Jakšić, Žaklina Spalević, Miroslav Pavlović, *Distribucija televizijskih kanala visoke rezolucije na području Bivše Jugoslavije*, Tehnika, Vol. 62, No 4, pp. 681-686, 2013. ISSN: 0040-2176.
<http://www.sits.org.rs/include/data/docs1186.pdf>
24. **Branimir Jakšić**, Mihajlo Stefanović, Petar Spalević, Ana Savić, Radoslav Bogdanović,

Numerical Analysis of Relative Phase and Amplitude at the Interaction Two Solitons in Optical Fibers, Serbian Journal of Electrical Engineering, Vol. 8, No 2, pp 213-220, May 2011. ISSN Print: 1451-4869, ISSN Online: 2217-7183.

http://www.journal.ftn.kg.ac.rs/Vol_8-2/09-Jaksic-Stefanovic-Spalevic-Savic-Bogdanovic.pdf

Радови са међународних конференција

1. Vladimir Maksimovic, Mirko Milosevic, Mile Petrovic, **Branimir Jaksic**, Petar Spalevic, *Digital Multimedia Television System*, Proceedings of the 12th International Symposium on Advanced Topics in Electrical Engineering (ATEE), Bucharest, Romania, 25-27 March 2021. ISBN: 978-1-6654-1878-2/21. DOI:10.1109/atee52255.2021.9425 <https://ieeexplore.ieee.org/document/9425092>
2. Jelena Todorović, **Branimir Jakšić**, Petar Spalević, Majid Alsadi, Ahmad Mohammed Salih, *Simulation of the 32-Channel WDM-FSO System in Different Atmospheric Phenomena*, Proceedings of the International Scientific Conference “UNITECH 2020”, Gabrovo, Bulgaria, 20-21 November 2020, Vol. 2, pp. 248-252. ISSN: 2603-378X. https://unitech-selectedpapers.tugab.bg/images/papers/2020/s3/s3_p192_v2.pdf
3. Jelena Todorović, **Branimir Jakšić**, Petar Spalević, Majid HamidAbdullah, Ahmad Mohammed Salih, *Simulation of Fso System Operation in Different Atmospheric Conditions*, Proceedings of the International Scientific Conference on Information Technology and Data Related Research - Synthesis 2020, Belgrade, Serbia, October 17, 2020, pp. 193-198. DOI: 10.15308/Sinteza-2020-193-198 <http://portal.sinteza.singidunum.ac.rs/Media/files/2020/193-198.pdf>
4. Vladimir Maksimović, **Branimir Jakšić**, Mirko Milošević, Mile Petrović, Petar Spalević, *Analiza bitskog protoka transpondera za satelitsku televiziju*, Zbornik radova XIX međunarodnog naučno-stručnog simpozijuma INFOTEH 2020, Jahorina, Bosna i Hercegovina, 18-20 mart 2020, Vol. 19, pp. 92-97. ISBN: 978-99976-710-6-6. <https://infoteh.etf.ues.rs.ba/zbornik/2020/radovi/P-1/P-1-2.pdf>
5. **Branimir Jakšić**, Đoko Bandur, Vladimir Maksimović, Jelena Todorović, Branko Gvozdić, *Struktura TV kanala satelitskih operatera i DTH platformi u Evropi*, Zbornik radova XIX međunarodnog naučno-stručnog simpozijuma INFOTEH 2020, Jahorina, Bosna i Hercegovina, 18-20 mart 2020, Vol. 19, pp. 98-103. ISBN: 978-99976-710-6-6. <https://infoteh.etf.ues.rs.ba/zbornik/2020/radovi/P-1/P-1-3.pdf>
6. Mirko Milošević, Vladimir Maksimović, Mile Petrović, **Branimir Jakšić**, Petar Spalević, *Model povezivanja televizijskih studija i mobilna uključenja korišćenjem RTP/TCP protokola*, Book of Proceedings - International Scientific Conference on Information Technology and Data Related Research - Synthesis 2019, Novi Sad, Serbia, April 20, 2019, pp. 519-525. ISBN: 978-86-7912-703-7. DOI: 10.15308/Sinteza-2019-519-525 <http://portal.sinteza.singidunum.ac.rs/paper/711>
7. **Branimir Jakšić**, Jelena Todorović, Vladimir Maksimović, Petar Spalević, Ratko Ivković, *Terrestrial Digital Radio Services in Europe*, Book of Proceedings - International Scientific Conference on Information Technology and Data Related Research - Synthesis 2019, Novi Sad, Serbia, April 20, 2019, pp. 498-504. ISBN: 978-86-7912-703-7. DOI: 10.15308/Sinteza-2019-498-504 <http://portal.sinteza.singidunum.ac.rs/paper/708>
8. Vladimir D. Maksimović, Jelena M. Todorović, Petar Lj. Spalević, Mile B. Petrović, **Branimir S. Jakšić**, *The impact of successive B frames on video using H.264 and H.265 compression techniques*, Proceedings of 26th International Scientific Conference Telecommunications Forum TELFOR 2018, Belgrade, Serbia, 20-21 November 2018, DOI: 10.1109/TELFOR.2018.8611854 <https://ieeexplore.ieee.org/document/8611854>

9. Vladimir Maksimović, Mile Petrović, Petar Spalević, **Branimir Jakšić**, Ivana Milošević, *Analysis of the Effect of White Balance and Color Temperature on Image Compression Using Different Algorithms*, Proceedings of 5th International Conference on Electrical, Electronic and Computing Engineering - IcETRAN2018, Palić, Serbia, 11-14 June 2018, pp. 1195-1199, ISBN 978-86-7466-752-1.
<https://www.etrans.rs/common/Zbornik%20ETRAN%20IC%20ETRAN-18-final.pdf>
10. Ratko Ivković, Ivana Milošević, **Branimir Jakšić**, Petar Spalević, Mirko Milošević, *Definisanje karakteristika snow & rain šuma digitalne slike metodom parcijalnog filtriranja*, Book of Proceedings - International Scientific Conference on Information Technology and Data Related Research - Synthesis 2018, Belgrade, Serbia, April 20, 2018, pp. 242-247. ISBN: 978-86-7912-675-7. DOI: 10.15308/Sinteza-2018-242-247
<http://portal.sinteza.singidunum.ac.rs/Media/files/2018/242-247.pdf>
11. Vladimir Maksimović, Mile Petrović, **Branimir Jakšić**, Ratko Ivković, Ivana Milošević, *Effect of Illumination in Chroma Key Effect in the Realization of Virtual Television Studio*, Book of Proceedings - International Scientific Conference on Information Technology and Data Related Research - Synthesis 2018, Belgrade, Serbia, April 20, 2018, pp. 182-188. ISBN: 978-86-7912-675-7. DOI: 10.15308/Sinteza-2018-182-188
<http://portal.sinteza.singidunum.ac.rs/Media/files/2018/182-188.pdf>
12. Jelena Stojković, **Branimir Jakšić**, Mile Petrović, Petar Spalević, Bojan Prlinčević, *Poređenje uticaja konstantne i promenljive bitske brzine na broj TV kanala kod DVB-T2 standarda*, Book of Proceedings - International Scientific Conference on Information Technology and Data Related Research - Synthesis 2018, Belgrade, Serbia, April 20, 2018, pp. 236-241. ISBN: 978-86-7912-675-7. DOI: 10.15308/Sinteza-2018-236-241
<http://portal.sinteza.singidunum.ac.rs/Media/files/2018/236-241.pdf>
13. Petar Lj. Spalević, **Branimir S. Jakšić**, Ivan Milovanović, Mladen Veinović, Mile B. Petrović, *Influence of the parameters of the DVB-S/S2 standards on the capacity of a satellite transponder*, Proceedings of 13th International Conference on Advanced Technologies, Systems and Services in Telecommunications – TELSIKS 2017, IEEE, Niš, Serbia, 18-20 October 2017, pp. 65-68. ISBN: 978-1-5386-1799-1. DOI: 10.1109/TELSKS.2017.8246229
<http://ieeexplore.ieee.org/document/8246229/>
14. Slobodan Bojanić, Matevž Pogačnik, Mile Petrović, **Branimir Jakšić**, Siniša Ilić, *Study framework for DBBT master in Western Balkans countries*, Proceedings of 4th International Conference on Electrical, Electronic and Computing Engineering - IcETRAN2017, Kladovo, Serbia, 5-8 June 2017, pp. ELI1.1.1-6, ISBN: 978-86-7466-692-0.
https://www.etrans.rs/common/pages/proceedings/IcETRAN2017/ELI/IcETRAN2017_per_ELII_1.pdf
15. Ratko Ivković, Mile Petrović, Ivana Milošević, **Branimir Jakšić**, Ratko Bojović, *Analysis of Different Edge Detections Algorithms Through the Bit-Plane Layers*, Book of Proceedings - International Scientific Conference on Information Technology and Data Related Research - Synthesis 2017, Belgrade, Serbia, April 21, 2017, pp. 302-307. ISBN: 978-86-7912-657-3. DOI: 10.15308/Sinteza-2017-302-307
<http://portal.sinteza.singidunum.ac.rs/Media/files/2017/302-307.pdf>
16. Ranko Babić, **Branimir Jakšić**, Siniša Ilić, Mile Petrović, *Probing of Student Population Attitude Towards Content of DBBT Master Study as an Indicator of Trends in IT Labor Market*, Book of Proceedings - International Scientific Conference on Information Technology and Data Related Research - Synthesis 2017, Belgrade, Serbia, April 21, 2017, pp. 364-368. ISBN: 978-86-7912-657-3. DOI: 10.15308/Sinteza-2017-364-368
<http://portal.sinteza.singidunum.ac.rs/Media/files/2017/364-368.pdf>
17. Siniša Ilić, **Branimir Jakšić**, Slobodan Bojanić, Ranko Babić, Mile Petrović, *Servisi*

- plaćene televizije u sistemima digitalne zemaljske televizije u Evropi*, Book of Proceedings - International Scientific Conference on Information Technology and Data Related Research - Synthesis 2017, Belgrade, Serbia, April 21, 2017, pp. 381-387. ISBN: 978-86-7912-657-3. DOI: 10.15308/Sinteza-2017-381-387
<http://portal.sinteza.singidunum.ac.rs/Media/files/2017/381-387.pdf>
18. Dragana Krstic, Vesad Doljak, Mihajlo Stefanovic, **Branimir Jakšić**, *Second Order Statistics of Macrodiversity SCReceiver Output Signal Over Gamma Shadowed k - μ Multipath Fading Channel*, International Conference on Broadband Communications for Next Generation Networks and Multimedia Applications (CoBCom), September 14-16, 2016, Graz, Austria, ISBN: 978-1-5090-2270-0. DOI: 10.1109/COBCOM.2016.7593496
<http://ieeexplore.ieee.org/abstract/document/7593496/>
 19. **Branimir Jakšić**, Mile Petrović, Petar Spalević, Bojana Milosavljević, Marko Smilić, *Direct-to-Home Television Services in Europe*, Proceedings of International Scientific Conference of IT and Business-Related Research - Synthesis 2016, Belgrade, 22-23 April 2016, pp. 237-245. ISBN: 978-86-7912-628-3. DOI: 10.15308/Sinteza-2016-237-245
<http://portal.sinteza.singidunum.ac.rs/Media/files/2016/237-245.pdf>
 20. Ratko Ivković, Mile Petrović, **Branimir Jakšić**, Vladimir Cerić, Mirko Milošević, *Digital Image fundamentals through Visible Spectrum*, Zbornik radova XV međunarodnog naučno-stručnog simpozijuma INFOTEH 2016, Jahorina, Bosna i Hercegovina, 16-18 mart 2016, Vol. 15, pp. 720-724. ISBN: 978-99955-763-9-4.
<http://www.infoteh.rs.ba/rad/2016/RSS-5/RSS-5-4.pdf>
 21. **Branimir Jakšić**, Mile Petrović, Miroslav Pavlović, Vladimir Cerić, Krsto Jakšić, *Hibridna radiodifuzno-širokopojasna televizija u Evropi*, Zbornik radova XV međunarodnog naučno-stručnog simpozijuma INFOTEH 2016, Jahorina, Bosna i Hercegovina, 16-18 mart 2016, Vol. 15, pp. 311-315. ISBN: 978-99955-763-9-4.
<http://www.infoteh.rs.ba/rad/2016/KST-2/KST-2-7.pdf>
 22. Aleksandar V. Markovic, Zoran H. Peric, **Branimir S. Jaksic**, Petar L.J. Spalevic, Abdalmalik Amnisi, *Level Crossing Rate of SC Macrodiversity System with three SC Microdiversity Receivers over Shadowed α - κ - μ Fading Channel*, Proceedings of International Scientifics Conference 23rd Telecommunications Forum TELFOR 2015, Belgrade, Serbia, 24-26 November 2015, pp. 177-180. ISBN: 978-1-5090-0054-8. DOI: 10.1109/TELFOR.2015.7377442
<https://ieeexplore.ieee.org/document/7377442>
 23. Djoko Bandjur, **Branimir Jaksic**, Stefan Panic, Mihajlo Stefanovic, Goran Petkovic, *Moments of Macrodiversity System with Three Microdiversity EGC Receivers in the Presence Gamma Shadowing and k - μ Multipath Fading*, Proceedings of International Scientific Conference "UNITECH 2015", Gabrovo, Bulgaria, 20-21 November 2015, Vol. 2, pp. II136-II141. ISSN 1313-230X.
 24. **Branimir Jaksic**, Mile Petrovic, Ivana Milosevic, Ratko Ivkovic, Smiljana Bjelovic, *UHDTV into Terrestrial and Satellite Systems*, Proceedings of International Scientific Conference "UNITECH 2015", Gabrovo, Bulgaria, 20-21 November 2015, pp. II112-II118. ISSN 1313-230X.
 25. Ivana Milosevic, Ratko Ivkovic, Tatjana Petrovic, Nebojsa Denic, **Branimir Jaksic**, *Face Recognition through Robust Multimodal Biometric System with Sobel Edge Detection*, Proceedings of International Scientific Conference "UNITECH 2015", Gabrovo, Bulgaria, 20-21 November 2015, pp. II346-II351. ISSN 1313-230X.
 26. Petar Spalevic, **Branimir Jaksic**, Bojan Prlincevic, Ivana Dinic, Marko Smilic, *Signal Moments at the Output from the Macrodiversity System with Three MRC Micro Diversity Receivers in the Presence of k - μ Fading*, Proceedings of 12th International Conference on Advanced Technologies, Systems and Services in Telecommunications – TELSIS 2015,

- IEEE, Nis, Serbia, 14-17 October 2015, pp.271-274. ISBN: 978-1-4673-7514-6. DOI: 10.1109/TELSKS.2015.7357785
<https://ieeexplore.ieee.org/document/7357785>
27. Darko Vučković, Stefan Panić, Petar Spalević, **Branimir Jakšić**, Časlav Stefanović, *Switch-and-Stay Reception over $\kappa - \mu$ Shadowed Fading Channels in the Presence of Co-Channel Interference*, Proceedings of 2nd International Conference on Electrical, Electronic and Computing Engineering - IcETRAN2015, Silver Lake, Serbia, 8-11 June 2015, pp. TE11.5.1-4. ISBN: 978-86-80509-71-6.
http://etran.etf.rs/etran2015/fajlovi/Program_IcETRAN_2015.pdf
 28. Predrag Lekić, Boško Radovanović, Petar Spalević, Stefan Panić, Mihajlo Stefanović, **Branimir Jakšić**, *System Performance in the Presence of One Fast Weibull and one Slow Gamma Fading*, Proceedings of International Scientific Conference of IT and Business-Related Research - Synthesis 2015, Belgrade, 16-17 April 2015, pp. 279-282. ISBN: 978-86-7912-595-8. DOI: 10.15308/Synthesis-2015-279-282
<http://portal.synthesis.singidunum.ac.rs/Media/files/2015/279-282.pdf>
 29. **Branimir Jakšić**, Danijela Aleksić, Siniša Minić, Petar Spalević, Ivana Dinić, Mihajlo Stefanović, *Gustina verovatnoće signala na izlazu iz makrodiverziti sistema sa tri mikrodiverziti SC prijemnika u prisustvu brzog $k-\mu$ fedinga i Gama sporog fedinga*, Proceedings of International Scientific Conference of IT and Business-Related Research - Synthesis 2015, Belgrade, 16-17 April 2015, pp. 291-296. ISBN: 978-86-7912-595-8. DOI: 10.15308/Synthesis-2015-291-296
<http://portal.synthesis.singidunum.ac.rs/Media/files/2015/291-296.pdf>
 30. Stefan Panic, Djoko Bandjur, **Branimir Jaksic**, Ivana Dinic, Srboľjub Zdravkovic and Dejan Jaksic, *Level Crossing Rate of Macrodiversity System Operating over Gamma Shadowed Rician Fading Channel*, Proceedings of X International Symposium Industrial Electronics INDEL-2014, Banja Luka, 6-8 November 2014, pp. 257-261. ISBN 978-99955-46-22-9.
<http://indel.etfbl.net/resources/INDEL%202014%20Proceedings.pdf>
 31. **Branimir Jaksic**, Mihajlo Stefanovic, Danijel Djosic, Ivana Dinic, Srboľjub Zdravkovic, Srdjan Maricic, *Macrodiversity with Two Microdiversity EGC Receivers over Gamma Shadowed Rayleigh Multipath Fading Channel*, Proceedings of International Scientific Conference "UNITECH 2014", Gabrovo, Bulgaria, 21-22 November 2014, Vol. 2, pp. II169-II173. ISSN: 1313-230X.
 32. Mihajlo Stefanovic, **Branimir Jaksic**, Caslav Stefanovic, Aleksandar Markovic, Marko Smilic, Ivana Dinic, *Level Crossing Rate of Macrodiversity System with Three Microdiversity SC Receivers Operating over Gamma Shadowed Multipath Fading Channel*, Proceedings of International Scientific Conference "UNITECH 2014", Gabrovo, Bulgaria, 21-22 November 2014, Vol. 2, pp. II174-II179. ISSN: 1313-230X.
 33. **Branimir Jaksic**, Mile Petrovic, Marko Smilic, Branko Gvozdic, Aleksandar Markovic, *Terrestrial Digital Transmission of the High-Definition Television in Europe*, Proceedings of the 23th International Electrotechnical and Computer Science Conference ERK 2014, Portorož, Slovenia, 20-24 September 2014, pp. A: 61-64. ISSN: 1581-4572;23.
<http://erk.fe.uni-lj.si/2014/jaksic%28terrestrial%29p.pdf>
 34. **Branimir Jakšić**, Mile Petrović, Petar Spalević, Ratko Ivković, Aleksandar Marković, *Deset godina satelitske HDTV u Evropi*, Zbornik radova XIII međunarodnog naučno-stručnog simpozijuma INFOTEH 2014, Jahorina, Bosna i Hercegovina, 19-21 mart 2014, Vol. 13, pp. 435-440. ISBN: 978-99955-763-3-2.
<http://infoteh.etf.unssa.rs.ba/zbornik/2014/radovi/KST-2/KST-2-7.pdf>
 35. Petar Spalević, **Branimir Jakšić**, Mile Petrović, Mirko Milošević, Marko Smilić,

Primena DAB standarda u digitalizaciji radija u Evropi, Zbornik radova XIII međunarodnog naučno-stručnog simpozijuma INFOTEH 2014, Jahorina, Bosna i Hercegovina, 19-21 mart 2014, Vol. 13, pp. 429-434. ISBN: 978-99955-763-3-2.
<http://infoteh.etf.unssa.rs.ba/zbornik/2014/radovi/KST-2/KST-2-6.pdf>

36. Ratko Ivkovic, **Branimir Jaksic**, Petar Spalevic, Ljubomir Lazic, Mile Petrovic, *Experimental Images Analysis with Linear Change Positive and Negative Degree of Brightness*, Proceedings of the 1st WSEAS International Conference on Image Processing and Pattern Recognition (IPPR '13), Budapest, Hungary, 10-12 December 2013, pp.116-120. ISSN: 1790-5117, ISBN: 978-960-474-350-6.
<http://www.wseas.us/e-library/conferences/2013/Budapest/IPASRE/IPASRE-15.pdf>
37. Milos V. Bandjur, Petar C. Spalevic, **Branimir S. Jaksic**, Aleksandar V. Markovic, Marko M. Smilic, *Computer Simulation of Soliton Pulses Propagation through Birefringent Fiber in the Linear and Nonlinear Mode*, Proceedings of 11th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services - TELSIKS 2013, Niš, Serbia, 16-19 October 2013, Vol. 2, pp. 639-642, ISBN: 978-1-4799-0899-8. DOI: 10.1109/TELSKS.2013.6704459
<https://ieeexplore.ieee.org/document/6704459>
38. Petar Spalevic, **Branimir Jaksic**, Aleksandar Markovic, Marko Smilic, Vladislav Simic, *Modeling, simulation and analysis of signal transmission through DWDM system*, Proceedings of the 22nd International Electrotechnical and Computer Science Conference ERK 2013, Portorož, Slovenia, 16-18 September 2013, pp. A: 81-84. ISSN: 1581-4572.
<http://www.ieee.si/erk/program2013.pdf>
39. **Branimir Jakšić**, Boris Gara, Ratko Ivković., Mile Petrović, Mirko Milošević, *Analysis brightness effect on quality pictures after compression with JPEG and SPIHT compression methods*, Proceedings of International Conference Mathematical and Informational Technologies, MIT-2013, Vrnjačka Banja, Srbija, 05-09 September 2013, pp. 86-92. ISBN: 978-86-80795-20-1.
<http://conf.nsc.ru/MIT-2013/en/reportview/158075>
40. Petar Spalević, **Branimir Jakšić**, Aleksandar Marković, Zoran Todorović and Vladislav Simić, *Simulation of Effects of Group Velocity Dispersion on Gaussian Pulse Propagation through Optical Fiber*, Proceedings of XLVIII International Scientific Conference on Information, Communication and Energy Systems and Technologies ICEST 2013, Ohrid, Republic of Macedonia, 26-29 June 2013, Vol. 2, pp. 487-491, ISBN: 978-9989-786-89-1.
http://www.icestconf.org/images/proceedings/icest_2013_02.pdf
41. Petar Spalević, **Branimir Jakšić**, Đoko Bandur, Aleksandar Marković, Vladislav Simić, *Modelovanje i simulacija prenosa signala kroz optičko vlakno G.652 u okviru DWDM mreže*, Zbornik radova XII međunarodnog naučno-stručnog simpozijuma INFOTEH 2013, Jahorina, Bosna i Hercegovina, 20-22 mart 2013, Vol. 12, pp. 328-331. ISBN: 978-99955-763-1-8.
<http://www.infoteh.rs.ba/zbornik/2013/radovi/KST-1/KST-1-4.pdf>
42. Mile Petrović, **Branimir Jakšić**, Ivana Milošević, Vladimir Trifunović, Boris Gara, *Pregled DVB-T u zemljama bivše Jugoslavije*, Zbornik radova XII međunarodnog naučno-stručnog simpozijuma INFOTEH 2013, Jahorina, Bosna i Hercegovina, 20-22 mart 2013, Vol. 12, pp. 354-359. ISBN: 978-99955-763-1-8.
<http://www.infoteh.rs.ba/zbornik/2013/radovi/KST-1/KST-1-9.pdf>
43. **Branimir Jakšić**, Ratko Ivković, Mile Petrović, Petar Spalević, Ivana Milošević, *Softverska konverzija 2D staticnih slika u 3D animirani film anaglifnom metodom*, Zbornik radova XII međunarodnog naučno-stručnog simpozijuma INFOTEH 2013, Jahorina, Bosna i Hercegovina, 20-22 mart 2013, Vol. 12, pp. 923-927. ISBN: 978-99955-763-1-8.

<http://www.infoteh.rs.ba/zbornik/2013/radovi/RSS-7/RSS-7-2.pdf>

44. Petar Spalević, **Branimir Jakšić**, Aleksandar Marković, Mile Petrović, Milutin Nešić, *Influence of Power of Signal and Thermal Noise of PIN Photodetectors on the Transmission WDM Network*, Proceedings of XI International Conference on Systems, Automatic Control and Measurements - SAUM 2012, Niš, Serbia, 14-16 November 2012, pp. 339-342. ISBN: 978-86-6125-072-9.
45. Petar Spalević, Dejan Milić, **Branimir Jakšić**, Mile Petrović, Ilija Temelkovski, *Simulation influence of the thermal noise of PIN photodetector on performance DWDM optical network*, Proceedings of XLVII International Scientific Conference on Information, Communication and Energy Systems and Technologies ICEST 2012, Veliko Tarnovo, Bulgaria, 28-30 June 2012, Vol. 2, pp. 315-318. ISBN: 978-619-167-003-1.
http://www.icestconf.org/images/proceedings/icest_2012_02.pdf
46. Mile Petrović, **Branimir Jakšić**, Petar Spalević, Ivana Petrović, Vladimir Daković, *Analiza pozadina kod hroma-ki efekta u virtuelnom TV studiju*, Zbornik radova XI međunarodnog naučno-stručnog simpozijuma INFOTEH 2012, Jahorina, Bosna i Hercegovina, 21-23 mart 2012, Vol. 11, pp. 937-941. ISBN: 978-99938-624-8-2.
<http://www.infoteh.rs.ba/rad/2012/RSS-8/RSS-8-6.pdf>
47. Stefan R. Panić, Petar Spalević, **Branimir Jakšić**, Boško Radovanović, Ivana Petrović, Srđan Jovković, *Analiza bežičnog prenosa u Rajsovom fading kanalu u prisustvu višestrukih ko-kanalnih interferencija*, Zbornik radova XI međunarodnog naučno-stručnog simpozijuma INFOTEH 2012, Jahorina, Bosna i Hercegovina, 21-23 mart 2012, Vol. 11, pp. 245-248. ISBN: 978-99938-624-8-2.
<http://www.infoteh.rs.ba/rad/2012/KST-1/KST-1-7.pdf>
48. Petar Spalević, **Branimir Jakšić**, Siniša Ilić, Srđan Milosavljević, Ivan Rajić, *Računarska simulacija uticaja disperzije drugog i trećeg reda na interakciju dva solitona u optičkoj mreži*, Zbornik radova XI međunarodnog naučno-stručnog simpozijuma INFOTEH 2012, Jahorina, Bosna i Hercegovina, 21-23 mart 2012, Vol. 11, pp. 249-253. ISBN: 978-99938-624-8-2.
<http://www.infoteh.rs.ba/rad/2012/KST-1/KST-1-8.pdf>
49. Petar Spalević, Mihajlo Strefanović, Stefan Panić, **Branimir Jakšić**, Aleksandar Mosić, *Selection macrodiversity combining over Gama shadowed Rayleigh fading channels*, Proceedings of the 19th International Electrotechnical and Computer Science Conference, ERK 2010, Portorož, Slovenija, 20-23 September 2010. ISSN 1581-4572.
50. Predrag Lekić, **Branimir Jakšić**, Petar Spalević, Srđan Milosavljević, *Analysis of the Interaction of Two Solitons and Violation of their Linear Superposition in the Transmission Path*, Proceedings of the 10th International Scientific Conference UNITECH '10, Gabrovo, Bulgaria, 19-20 November 2010, pp I-307 – I-311. ISSN: 1313-230X.
<https://singipedia.singidunum.ac.rs/izdanje/40406-analysis-of-the-interaction-of-two-solitons-and-violation-of-their-linear-superposition-in-the-transmission-path>

Радови са домаћих конференција

1. Jelena Todorović, **Branimir Jakšić**, Petar Spalević, Mile Petrović, Ana Tošković, *Srednja verovatnoća greške po bitu pri prenosu modulisanog signala u FSO sistemu*, Zbornik radova 63. Konferencije za elektroniku, telekomunikacije, računarstvo, automatiku i nuklearnu tehniku - ETRAN, Srebrno jezero, Srbija, 3-6 jun 2019, pp. 1036-1040. ISBN: 978-86-80509-67-9.
https://etran.rs/2019/Proceedings_IcETRAN_ETRAN_2019.pdf
2. Petar Spalević, **Branimir Jakšić**, Mile Petrović, Boško Radovanović, Stefan Panić, *Simulacija solitonskog prenosa pri uticaju disperzije grupne brzine i u prisustvu EDFA pojačavača*, Zbornik radova 56. Konferencije za elektroniku, telekomunikacije,

računarstvo, automatiku i nuklearnu tehniku - ETRAN, Zlatibor, Srbija, 11-14 jun 2012, TE1.6-1-4. ISBN: 978-86-80509-67-9.

http://etran.etf.rs/etran2012/Program_ETRAN_2012.pdf

3. Stefan Panić, Petar Spalević, **Branimir Jakšić**, Jelena Anastasov, Vladeta Milentijević, *Kooperativni MRC diverziti prijem u prisustvu Nakagami-q (Hojtovog) fedinga*, Zbornik radova 54. Konferencije za elektroniku, telekomunikacije, računarstvo, automatiku i nuklearnu tehniku - ETRAN, Donji Milanovac, Srbija, 7-11 jun 2010, TE3.6-1-4. ISBN: 978-86-80509-67-9.

http://etran.etf.rs/etran2010/Program_ETRAN_2010.pdf

Књиге и монографије

Напомена: свака књига/монографија мора да има наведене: ауторе, годину публикавања, назив издавача, ИСБН број и тип књиге (уџбеник, монографија, помоћни уџбеник ...).

1. **Бранимир Јакшић**, Петар Спалевић, Јелена Тодоровић, *Практикум лабораторијских вежби из моделовања рачунарско- комуникационих система*, Факултет техничких наука, Косовска Митровица, 2019. ISBN 978-86-80893-93-8. COBISS.SR-ID 276454412 (помоћни уџбеник)
<https://plus.sr.cobiss.net/opac7/bib/276454412>
2. **Бранимир Јакшић**, Јелена Тодоровић, Драгиша Миљковић, *Рачунарске основе интернета : лабораторијске вежбе*, Факултет техничких наука, Косовска Митровица, 2019. ISBN 978-86-80893-94-5. COBISS.SR-ID 276448780 (помоћни уџбеник)
<https://plus.sr.cobiss.net/opac7/bib/276448780>
3. Mile B. Petrović, **Branimir S. Jakšić**, *Digitalno televizijsko emitovanje*, Fakultet tehničkih nauka, Kosovska Mitrovica, 2019. ISBN 978-86-80893-86-0. COBISS.SR-ID 275785996 (уџбеник)
<https://plus.sr.cobiss.net/opac7/bib/275785996>
4. **Branimir S. Jakšić**, Aleksandar V. Marković, Marko M. Smilić, *Computer Simulation and Analysis of Optical Signal Parameters*, LAP LAMBERT Academic Publishing, OmniScriptum GmbH & Co. KG, Saarbrücken, Germany, 2018. ISBN 978-6134971133. (монографија)
<https://www.morebooks.de/store/gb/book/computer-simulation-and-analysis-of-optical-signal-parameters/isbn/978-613-4-97113-3>
5. Mile Petrovic, **Branimir Jaksic**, *Analysis of Lighting Impact in the Realization of Virtual TV Studio*, LAP LAMBERT Academic Publishing, OmniScriptum GmbH & Co. KG, Saarbrücken, Germany, 2015. ISBN 978-3-659-70775-9. (монографија)
<https://www.lap-publishing.com/catalog/details/store/gb/book/978-3-659-70775-9/analysis-of-lighting-impact-in-the-realization-of-virtual-tv-studio>
6. Петар Спалевић, **Бранимир Јакшић**, Стефан Панић, *Збирка решених задатака из програмског језика C – I део*, Факултет техничких наука, Косовска Митровица, 2015. ISBN 978-86-80893-60-0. COBISS.SR-ID 212733196 (помоћни уџбеник)
<https://plus.sr.cobiss.net/opac7/bib/212733196>
7. Петар Спалевић, **Бранимир Јакшић**, Стефан Панић, *Збирка решених задатака из програмског језика C – II део*, Факултет техничких наука, Косовска Митровица, 2016. ISBN 978-86-80893-62-4. COBISS.SR-ID 221336332 (помоћни уџбеник)
<https://plus.sr.cobiss.net/opac7/bib/221336332>
8. Петар Спалевић, **Бранимир Јакшић**, Стефан Панић, *Практикум лабораторијских вежби из програмског језика Delphi*, Факултет техничких наука, Косовска Митровица, 2018. ISBN 978-86-80893-76-1. COBISS.SR-ID 265972492 (помоћни уџбеник)

<https://plus.sr.cobiss.net/opac7/bib/276454412>

9. Петар Спалевих, **Бранимир Јакшић**, Петар Милић, *Збирка решених задатака из Алгоритама и структура података*, Факултет техничких наука, Косовска Митровица, 2019. ISBN 978-86-80893-91-4. COBISS.SR-ID 276450572 (помоћни уџбеник)

<https://plus.sr.cobiss.net/opac7/bib/276450572>

10. **Branimir S. Jaksic**, Mile B. Petrovic, Implementation of Video Compression Standards in Digital Television, Chapter 9 in "Recent Advances in Image and Video Coding", Publisher: InTech, November 23, 2016, pp. 199-219, DOI: 10.5772/64833, ISBN 978-953-51-2776-5, Print ISBN 978-953-51-2775-8 (поглавље у монографији)

Поглавље: <http://www.intechopen.com/books/recent-advances-in-image-and-video-coding/implementation-of-video-compression-standards-in-digital-television>

Монографија: <http://www.intechopen.com/books/recent-advances-in-image-and-video-coding>

Пројекти

Национални

1. Назив пројекта: Израда нових лабораторијских вежби за предмете из области информационо-комуникационих технологија – ЛАБ-ИКТ
Број пројекта: 451-02-02719/2018-06
Тип пројекта: Развој високог образовања
Датум почетка пројекта: 01.10.2018.
Датум завршетка пројекта: 30.06.2019.
Позиција: Члан пројектног тима
2. Назив пројекта: Имплементација пројектне наставе кроз иновирани лабораторијске вежбе засноване на рачунарским платформама отвореног кода – РПОК
Број пројекта: 111-00-00057/22/2020-06
Тип пројекта: Развој високог образовања
Датум почетка пројекта: 01.10.2020.
Датум завршетка пројекта: 30.06.2021.
Позиција: Руководилац
3. Назив пројекта: Практична наука - Популаризација техничко-технолошких наука кроз мултимедијалне форме
Број пројекта: 687/21
Тип пројекта: Промоција и популаризација науке 2021. године (Центар за промоцију науке)
Датум почетка пројекта: 01.09.2021.
Датум завршетка пројекта: 30.06.2022.
Позиција: Руководилац

Међународни

1. Назив пројекта: Implementation of the Study Program - Digital Broadcasting and Broadband Technologies (Master Studies) – DBBT
Број пројекта: 561688-EPP-1-2015-1-XK-EPPKA2-CBHE-JP
Тип пројекта: Erasmus Plus Capacity Building projects in the field of Higher Education
Координатор пројекта: Универзитет у Приштини са привременим седиштем у Косовској Митровици
Датум почетка пројекта: 15.11.2015.
Датум завршетка пројекта: 15.05.2019.
Позиција: Члан пројектног тима
Веб сајт: <https://dbbt.pr.ac.rs/>
2. Назив пројекта: Improving the process of education through the development of e-learning multimedia platform and smart classrooms - SMARTEL

Број пројекта: 618534-EPP-1-2020-1-XK-EPPPK2-CBHE-JP Тип пројекта: Erasmus Plus Capacity Building projects in the field of Higher Education Координатор пројекта: Универзитет у Приштини са привременим седиштем у Косовској Митровици Датум почетка пројекта: 15.11.2020. Датум завршетка пројекта: 15.11.2023. Позиција: Члан пројектног тима Веб сајт: https://smartel.pr.ac.rs/
Области интересовања
Други подаци које сматрате релевантним (признања, награде, елаборати, студије, чланства, сертификати, усавршавања, комерцијални пројекти итд.)
1. Рецензент студијских програма из области електротехнике и рачунарства испред Националног савета за високо образовање Републике Србије (2019. - тренутно). Члан више рецензентских комисија за акредитацију студијских програма и за акредитацију установа. 2. Сарадник за рецензирање задатака и израду тестова знања у Заводу за вредновање квалитета образовања и васпитања у Републици Србији (2022. - тренутно). 3. Рецензент студијских програма из области електротехнике и рачунарства испред Агенције за акредитацију високошколских установа Републике Српске (2022. - тренутно). 4. Рецензент у више међународних часописа са импакт факторима. 5. Техничко решење "Софтверски модул за анализу и одређивање квалитета дигиталне слике", аутори: Бранимир Јакшић, Миле Петровић, Ратко Ивковић. Број одлуке 1387/3-4 од 27.11.2015. 6. Члан Савеза инжењера и техничара Србије. 7. Носилац дипломе <i>Истакнути студент</i> коју му је доделио Универзитет у Приштини 28. јуна 2008. године за изузетне резултате постигнуте у току студирања.