

Publikacje międzynarodowe studentów
kierunku **Elektronika i Telekomunikacja**

1. R. Krenz, **S. Brahma**, "Jamming LTE Signals", 2015 IEEE International Black Sea Conference on Communications and Networking (BlackSeaCom 2015), 18-21 May 2015, Constanta, Romania (IEEE), DOI: 10.1109/BlackSeaCom.2015.7185089
2. **Mateusz Lorkiewicz**, Jakub Stankowski, Krzysztof Klimaszewski, "Algorithm for real-time comparison of audio streams for broadcast supervision", 25th International Conference on Systems, Signals and Image Processing, Maribor, Słowenia, 20-22 czerwca 2018
3. P. Remlein, **M. Kryściak**, "Pragmatic Continuous Phase Modulations for Wireless Robotics Systems", 9th IEEE, IET International Symposium on Communication Systems, Networks and Digital Signal Processing (CSNDSP 2014), Manchester, U.K. 23-25 July 2014, pp. 532-537.
4. P. Remlein, **H. Felcyn**, "Reception for Layered STBC Architecture in WLAN Scenario", 10-th International Conference on Wireless and Mobile Communications (ICWMC 2014), Seville, Spain, June 22 - 26, 2014, pp. 70-75.
5. P. Remlein, **H. Felcyn**, "LD-STBC-VBLAST Receiver for WLAN system", 8th International Conference on Communications and Information Technology (CIT '14) Tenerife, Spain, January 10-12, 2014, pp. 23-28.
6. Krzysztof Wegner, **Dominika Łosiewicz**, Tomasz Grajek, Olgierd Stankiewicz, Adrian Dziembowski, Marek Domański, "Omnidirectional View Synthesis and Test Images", International Conference on Signals and Electronic Systems, ICSES 2018, Kraków, Poland, September 10-12 2018
7. **Michał Rzyp**, **Dawid Olejniczak**, Marek Domański, Tomasz Grajek, Olgierd Stankiewicz, Krzysztof Wegner, "Omnidirectional lightfield test image "Poznan_Lab_360", ISO/IEC JTC1/SC29/WG11 MPEG2018, M42307, San Diego, USA, 16-20 April 2018
8. **Dominika Łosiewicz**, Tomasz Grajek, Krzysztof Wegner, Adam Grzelka, Olgierd Stankiewicz, Marek Domański, "360 degree test image with depth", ISO/IEC JTC1/SC29/WG11 MPEG2018, M41991, Gwangju, South Korea, 22-26 January 2018
9. Marek Domański, **Dominika Łosiewicz**, Tomasz Grajek, Olgierd Stankiewicz, Krzysztof Wegner, Adrian Dziembowski, Dawid Mieloch, "Extended VSRS for 360 degree video", ISO/IEC JTC1/SC29/WG11 MPEG2018, M41990, Gwangju, South Korea, 22-26 January 2018
10. Marek Domański, Adrian Dziembowski, Adam Grzelka, **Łukasz Kowalski**, Dawid Mieloch, Jarosław Samelak, Olgierd Stankiewicz, Jakub Stankowski, Krzysztof Wegner, "Extended results of Poznan University of Technology proposal for Call for Evidence on Free-Viewpoint Television", Doc. ISO/IEC JTC1/SC29/WG11 MPEG2016/M38246.
11. Marek Domański, Adrian Dziembowski, Adam Grzelka, **Łukasz Kowalski**, Dawid Mieloch, Jarosław Samelak, Olgierd Stankiewicz, Jakub Stankowski, Krzysztof Wegner, "Technical description of Poznan University of Technology proposal for

Call for Evidence on Free-Viewpoint Television”, Doc. ISO/IEC JTC1/SC29/WG11 MPEG2016/M37893.

12. Marek Domański, **Adrian Dziembowski**, **Agnieszka Kuehn**, Maciej Kurc, Adam Łuczak, **Dawid Mieloch**, Jakub Siast, Olgierd Stankiewicz, Krzysztof Wegner, “Experiments on acquisition and processing of video for free-viewpoint television”, 3DTV Conference 2014, Budapest, Hungary, 2-4 July 2014.
13. Marek Domański, **Adrian Dziembowski**, **Agnieszka Kuehn**, Maciej Kurc, Adam Łuczak, **Dawid Mieloch**, Jakub Siast, Olgierd Stankiewicz, Krzysztof Wegner: “Poznan Blocks-a multiview video test sequence and camera parameters for Free Viewpoint Television”, ISO/IEC JTC1/SC29/WG11 Doc. MPEG 2014/M32243, San Jose, USA, January 2014.
14. **Jacek Borko**, **Grzegorz Dulnik**, Adam Grzelka, Adam Łuczak, **Adam Paszkowski**, *Parametric synthesizer of audio signals on FPGA*, Measurement Automation Monitoring, Jul.2015, vol. 61, no. 07, p. 367.
15. Jakub Stankowski, **Cezary Korzeniewski**, Marek Domański, Tomasz Grajek, *Rate-distortion optimized quantization in HEVC: performance limitations*, Picture Coding Symposium PCS 2015, 31 May-3 June, 2015, Cairns, Australia, pg.85.
16. Jakub Stankowski, **Łukasz Kowalski**, Jarosław Samelak, Marek Domański, Tomasz Grajek, Krzysztof Wegner, *3D-HEVC extension for circular camera arrangements*, 3DTV Conference: The True Vision-Capture, Transmission and Display of 3D Video, 3DTV- Con 2015, 8-10 July 2015, Lisbon, Portugal.
17. Marek Domański, Adrian Dziembowski, Tomasz Grajek, Adam Grzelka, **Łukasz Kowalski**, Maciej Kurc, Adam Łuczak, Dawid Mieloch, Robert Ratajczak, Jarosław. Samelak, Olgierd Stankiewicz, Jakub Stankowski, Krzysztof Wegner, *Methods of high efficiency compression for transmission of spatial representation of motion scenes*, IEEE International Conference on Multimedia and Expo, ICME 2015, June 29-July 3, 2015, Torino, Italy.
18. **Mohammed Jassim Khafaji**, Maciej Krasicki, “Genetic-Algorithm-Driven MIMO Multi-user Detector for Wireless Communications”, 13th International Conference on Dependability and Complex Systems, Brunów, 2-6.07.2018
19. **B. Koprzas**, F. Idzikowski, P. Kryszkiewicz, „Power Consumption and Delay in Wired Parts of Fog Computing Networks”, 2019 IEEE Sustainability through ICT Summit, 18-19 czerwca 2019, Montreal, Kanada, 20 pkt. MNiSzW, DOI: 10.1109/STICT.2019.8789374
20. P. Kryszkiewicz, F. Idzikowski, B. Bossy, **B. Koprzas**, H. Bogucka, "Energy Savings by Task Offloading to a Fog Considering Radio Front-End Characteristics", 2019 IEEE 30th Annual International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC): Stanbuł, Turcja, 8-11 września, 2019, 20 pkt. MNiSzW, DOI: 10.1109/PIMRC.2019.8904231
21. **B. Bossy** and H. Bogucka, "Optimization of energy efficiency in radio communication networks using adaptive multicarrier techniques," *2015 23rd International Conference on Software, Telecommunications and Computer Networks (SoftCOM)*, Split, 2015, pp. 381-385. DOI: 10.1109/SOFTCOM.2015.7314111
22. M. Piechowiak, P. Zwierzykowski, P. Owczarek, **M. Wasłowicz**: Comparative Analysis of Routing Protocols for Wireless Mesh Networks [w:] 2016 10th International Symposium on Communication Systems, Networks and Digital Signal Processing (CSNDSP): IEEE, 2016 - s. 1-5

23. **T. Grzywalski**, R. Stasiński, "Test of Six Image Quality Assessment Methods", IWSSIP 2015, London, 2015, mat. na CD.
24. M. Żal, **P. Wojtysiak**, "An energy-efficient control algorithms for switching fabrics," *2014 16th International Telecommunications Network Strategy and Planning Symposium (Networks)*, Funchal, 2014, (15 pkt. według SIN), DOI: 10.1109/NETWKS.2014.6959228.
25. M. Głąbowski, B. Musznicki, **P. Nowak**, P. Zwierzykowski: An algorithm for founding Shortest Path Tree using Ant Colony Optimization metaheuristic [in] *Image Processing and Communications Challenges 5*, R. Choraś (Edytor), *Advances in Intelligent Systems and Computing*, vol. 233, 2014, s. 317-326.
26. M. Głąbowski, B. Musznicki, **P. Nowak**, P. Zwierzykowski: Review and Performance Analysis of Shortest Path Problem Solving Algorithms , *International Journal on Advances in Software*, vol. 7, no. 1-2, 2014, s. 20-30.
27. Adrian Kliks, Paweł Kryszkiewicz, Anna Umbert, Jordi Pérez-Romero, Ferran Casadevall, **Łukasz Kulacz**, "Application of Radio Environment Maps for Dynamic Broadband Access in TV Bands in Urban Areas," *IEEE Access*, grudzień 2017, tom 5, nr 1, str. 19842-19863, Print ISSN: 2169-3536, Online ISSN: 2169-3536, doi: 10.1109/ACCESS.2017.2751138
28. Adrian Kliks, Paweł Kryszkiewicz, **Łukasz Kulacz**, "Measurement-Based Coverage Maps for Indoor REMs Operating in TV Band", 12th IEEE International Symposium on Broadband Multimedia Systems and Broadcasting 2017, BMSB, 7-9 czerwca 2017, Cagliari, Włochy, SONATA
29. Adrian Kliks, **Łukasz Kulacz**, "REM-Based Indoor Wireless Network Deployment - An Experimental Study", rozdział w książce pod edycją: Marques P., Radwan A., Mumtaz S., Noguét D., Rodriguez J., Gundlach M. pt. "Cognitive Radio Oriented Wireless Networks. CrownCom 2017", *Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering*, vol 228. Springer (prezentacja podczas 12th EAI International Conference on Cognitive Radio Oriented Wireless Networks, CRWONCOM'2017, 20-21 September 2017, Lizbona, Portugalia)
30. Adrian Kliks, Paweł Kryszkiewicz, **Łukasz Kulacz**, Karol Kowalik, Michał Kołodziejcki, Heikki Kokkinen, Jaakko Ojaniemi, Arto Kivinen, "Application of the CBRS model for wireless systems coexistence in 3.6-3.8 GHz band", rozdział w książce pod edycją: Marques P., Radwan A., Mumtaz S., Noguét D., Rodriguez J., Gundlach M. pt. "Cognitive Radio Oriented Wireless Networks. CrownCom 2017", *Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering*, vol 228. Springer; (prezentacja podczas 12th EAI International Conference on Cognitive Radio Oriented Wireless Networks, CRWONCOM'2017, 20-21 September 2017, Lizbona, Portugalia)
31. **Łukasz Kulacz**, Adrian Kliks. Shah Nawaz Khan, "Network Graphs Reflecting Transmission Policies", 8th Microwave Radar Week, str. 510-511, 14-17 maja 2018, Poznań, Polska
32. Adrian Kliks, **Łukasz Kulacz**, "Brain Inspirations for Dense Wireless Networks: Microglia Functionality," 2018 IEEE 29th Annual International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC), Bolonia, Włochy, 9-12 września 2018, str. 578-579.
33. Chia-Yu Chang, **Łukasz Kulacz**, Robert Schmidt, Adrian Kliks, Navid Nikaein "Spectrum Management Application - A Tool for Flexible and Efficient Resource Utilization", *IEEE Global Communications Conference GLOBECOM 2018*, 9-13 grudzień 2018, Abu Dhabi, Zjednoczone Emiraty Arabskie.
34. Adrian Kliks, Paweł Kryszkiewicz, **Łukasz Kulacz**, Karol Kowalik, Michał Kołodziejcki, Heikki Kokkinen, Jaakko Ojaniemi, Arto Kivinen, "Spectrum Management Application for Virtualized Wireless Vehicular Networks: A Step Toward Programmable Spectrum

- Management in Future Wireless Networks," IEEE Vehicular Technology Magazine, tom 13, nr 4, str. 94-105, 10 października 2018, doi: 10.1109/MVT.2018.2866904
35. Paweł Kryszkiewicz, Adrian Kliks, **Łukasz Kulacz**, Hanna Bogucka, George P. Koudouridis, Marcin Dryjański, "Context-Based Spectrum Sharing in 5G Wireless Networks Based on Radio Environment Maps", Wireless Communications and Mobile Computing, 11 listopada 2018, tom. 2018.
 36. **Marcin Hoffmann**, Hanna Bogucka, „Localization techniques for 5G Radio Environment Maps”, *Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering*, vol 291. Springer, Cham, 14th EAI International Conference on Cognitive Radio Oriented Wireless Networks, CROWNCOM 2019, June 11-12, 2019, Poznan, Poland, pp. 232-246