







PERSONAL INFORMATION



Jasmina Baraković Husić

-  University of Sarajevo, Faculty of Electrical Engineering, Zmaja od Bosne bb, 71000 Sarajevo
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-  Skype barakovicjasmina

Gender Female | Date of birth 29/03/1981 | Nationality Bosna and Herzegovina

JOB POSITION

Full Professor University of Sarajevo, Faculty of Electrical Engineering

WORK EXPERIENCE

2022 - present

Full Professor

University of Sarajevo, Faculty of Electrical Engineering, Zmaja od Bosne bb, 71000 Sarajevo

- Preparing lectures, tutorials, and laboratory exercises.
- Continuously improving concept of teaching in the field of multimedia systems and services, network signalization and security, simulations in communications.
- Integrating the latest research results and taking out the dated content.
- Mentoring research and participation in thesis committees.

Business or sector High Education

2016 - 2022

Associate Professor

University of Sarajevo, Faculty of Electrical Engineering, Zmaja od Bosne bb, 71000 Sarajevo

- Preparing lectures, tutorials, and laboratory exercises.
- Continuously improving concept of teaching multimedia systems and services, network signalization and security, simulations in communications.
- Mentoring research and participation in thesis committees.

Business or sector High Education

2016 - present

Specialist

BH Telecom, JSC, Sarajevo, Executive Directorate for Technology and Service Development, Franca Lehara 7, 71000 Sarajevo

- Development of strategy and plans of technological resources.
- Development of new solutions and elimination of unpromising solutions.
- Development of specialist analyses related to the application of specific technologies and technological solutions in BH Telecom networks.

Business or sector Telecommunications

2011 - 2016

Assistant Professor

University of Sarajevo, Faculty of Electrical Engineering, Zmaja od Bosne bb, 71000 Sarajevo

- Teaching and preparing lectures, tutorials, and laboratory exercises.
- Mentoring research and participation in the thesis committees.

Business or sector High Education

2008 - 2016

Professional Associate for IMS and Middleware

BH Telecom, JSC, Sarajevo, Directorate BH Mobile, Franca Lehara 7, 71000 Sarajevo

- Technical coordination and monitoring of projects related to IMS (*IP Multimedia Subsystem*).
- Administration, operation, and maintenance of IMS and MPS (*Mobile Positioning System*).
- Defining, monitoring, and testing the IMS- and MPS-based services.

Business or sector Telecommunications

2005 - 2008 **Professional Associate for packet-switched networks**
 BH Telecom, JSC, Sarajevo, Directorate BH Line, Franca Lehara 7, 71000 Sarajevo

- Installation, configuration, and testing of network systems.
- Administration, operation, and maintenance of network systems.
- Monitoring and troubleshooting of end-user problems.

Business or sector Telecommunications

EDUCATION AND TRAINING

2005-2009 **Doctor of Philosophy in Electrical Engineering**
 University of Zagreb, Faculty of Electrical Engineering and Computing, Croatia

- Doctoral thesis title: "Priority and Reliable Transmission of Signalling Information in Packet-Switched Networks"

1999-2004 **Diploma Electrical Engineer**
 University of Tuzla, Faculty of Electrical Engineering, Bosnia and Herzegovina

- Diploma thesis title: "Network Technologies and Media Streaming"

2008 -2015 **Certification**
 Attended several professional trainings organized by:

- Ericsson Education Centre Croatia, Zagreb
 (IMS Overview, IMS Signaling, CSCF 5.0 HSS/SLF 5.0 – Delta, IMS System 13 Delta Training, SIP/SIP-I Advanced, MTAS 13 Operation and Configuration, CSCF 13 HSS/SLF 12 Operation and Configuration, Datacom Networking, IP Networking, PGM 5.0 Opeartion & Configuration Workshop, BCS 3.0 Collaboration Operation and Maintenance, BCS 3.0 Mobility Operation and Maintenance)
- Ericsson Education Centre Sweden, Stockholm
 (TSP 5 Overview, TSP 5 Operation and Maintenance)
- Ericsson Education Centre Ireland, Dublin
 (MPS 9.0 Overview, MPS 9.0 System Technician, MPS 9.0 System Engineer, ENIQ Overview, ENIQ Operation, CSCF 4.0 & HSS 4.0 Operation and Configuration, MPS11.0 Overview, MPS 11.0 Operation and Maintenance, IP Works 12 Operation and Maintenance)
- Mobile Arts, Stockholm
 (VMS 3.2 Overview, VMS 3.2 OMA)

PERSONAL SKILLS

Mother tongue(s) Bosnian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
	Replace with name of language certificate. Enter level if known.				
German	A2	B1	A2	A2	B1
	Replace with name of language certificate. Enter level if known.				

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
 Common European Framework of Reference for Languages

Communication skills Good interpersonal and presentation skills, able to negotiate and adapt, being open, creative and innovative gained through my experience working in different conditions and environments and participation at national and international conferences and workshops.

Organisational / managerial skills Self-initiative, systematic, proactive, able to work independently or in a team-oriented environment, able to work on several tasks simultaneously, excellent coordination skills gained through practical experience at different organization levels and participation in different kinds of projects.

Job-related skills

- Strong analytical, writing and research skills
- Conscientious and thorough with detail

Driving licence

- B

ADDITIONAL INFORMATION

- Projects
- [1] "Development of Competence Catalog",. BH Telecom, JSC, Sarajevo, 2021 – 2022 (Team Member).
 - [2] "DATAGRAM (coviD AgenT bAsed modellinG fRAMework)", Ministry of Science, Higher Education and Youth, 2020 - 2021 (Project Management).
 - [3] EU Framework Programme, ICT COST CA19136 - International Interdisciplinary Network on Smart Healthy Age-friendly Environments. 2020 – 2024 (MC Member for Bosnia and Herzegovina).
 - [4] Development of IT Tool for Corruption Risk Assessment and IT Tool for Anti-Corruption Assessment of Legislation.Regional Anti-Corruption Initiative Secretariat, 2018 – 2020 (Team Leader).
 - [5] EU Framework Programme, ICT COST CA16226 - Indoor living space improvement: Smart Habitat for the Elderly, 2017 – 2021 (MC Member for Bosnia and Herzegovina).
 - [6] Erasmus+ Programme, Key Action 1 – Mobility for learners and staff – Higher Education Student and Staff Mobility, 2017 – 2019 (Institutional Coordinator).
 - [7] „ LTE RAN Project Realization – 5G Trial“, BH Telecom, JSC, Sarajevo, 2018 (Team Member).
 - [8] „Inventory of Security Mechanisms, Platforms, Applications and Development of a Unique ICT Network Security Plan“, BH Telecom, JSC, Sarajevo, 2018 – 2019 (Team Member).
 - [9] „Business Continuity Management Plan“, BH Telecom, d.d. Sarajevo, 2017 (Team Member).
 - [10] „Organizing, Managing and Monitoring of Cost Accounting and Accounting Separation in BH Telecom“, BH Telecom, JSC, Sarajevo, 2016 – 2022 (Coordination Body Member).
 - [11] „Building cyber resilient societies in the region of SEE“, RACVIAC – Centre for Security Cooperation and Military Academy “General Mihailo Apostolski” – Skopje, 2016; (Team Member).
 - [12] Erasmus+ Programme, Key Action 1 – Mobility for learners and staff – Higher Education Student and Staff Mobility, 2015 – 2016 (Institutional Coordinator).
 - [13] „Overview of the Status and Integration of the ICT System in the BH Telecom Network “, BH Telecom, JSC, Sarajevo, 2015 (Team Leader).
 - [14] EU Framework Programme, ICT COST Action IC1304 - Autonomous Control for Reliable Internet of Services (ACROSS), 2013 – 2017 (MC Substitute Member for Bosnia and Herzegovina).
 - [15] EU Framework Programme, ICT COST Action IC 1303 - Architectures, Algorithms and Platforms for Enhanced Living Environments (AAPELE), 2013 – 2017 (MC Substitute Member for Bosnia and Herzegovina).
 - [16] „Signaling Information Management to Improve Quality of Next Generation Services“, Federal Ministry of Education and Science in Bosnia and Herzegovina, 2013 – 2014 (Team Leader).
 - [17] “Upgrade of Ericsson Core Elements (Upgrade MPS)”, BH Telecom, JSC, Sarajevo, 2013 (Professional and Technical Support).
 - [18] “Core Network Development, IMS Development, New NDC, Upgrade and New Functionalities of Service Network”, BH Telecom, JSC, Sarajevo, 2011 - 2012 (Professional and Technical Support).
 - [19] “Quality and Capacity Improvement in Core Network - BH Mobile”, BH Telecom, JSC, Sarajevo, 2010 (Professional and Technical Support).

- [20] "Platform for Location-Based Services (LBS) in Mobile Network of BH Telecom", BH Telecom, JSC, Sarajevo, 2008 (Professional and Technical Support).
- [21] "New SDP Functionalities and SIP Architecture in Mobile Network of BH Telecom", BH Telecom, JSC, Sarajevo, 2008 (Professional and Technical Support).
- [22] "Web-based Audio/Video Conference System", BH Telecom, JSC, Sarajevo, 2007 (Professional and Technical Support).

Number of Publications, Citations,
Supervisions and Reviews

- **Publications:** 3 university textbooks, 2 scientific books, 3 book chapters, 37 journal publications, 46 conference publications.
- **Citations:** 804 (Google Scholar), 349 (Scopus), 187 (Web of Science Core Collection).
- **Supervisions:** 29 MSc, 9 BSc.
- **Reviews:** Journals: 29, Conferences: 31, Books: 1

Technical Reviews

- IEEE Access, IEEE Press
- Journal of Communications and Networks, IEEE Press
- Healthcare Technology Letters, John Wiley & Sons Inc.
- Telecommunication Systems, Springer Netherlands
- Remote Sensing, Multidisciplinary Digital Publishing Institute (MDPI)
- Sensors, Multidisciplinary Digital Publishing Institute (MDPI)
- Electronics, Multidisciplinary Digital Publishing Institute (MDPI)
- Energies, Multidisciplinary Digital Publishing Institute (MDPI)
- Applied Science, Multidisciplinary Digital Publishing Institute (MDPI)
- Computers, Multidisciplinary Digital Publishing Institute (MDPI)
- Sustainability, Multidisciplinary Digital Publishing Institute (MDPI)
- Smart Cities, Multidisciplinary Digital Publishing Institute (MDPI)
- ACM Transactions on Multimedia Computing, Communications, and Applications (TOMM), Association for Computing Machinery (ACM)
- Human Technology, Open Science Center, University of Jyväskylä
- International Journal on Advances in Internet Technology, Engineering and Technology Publishing, Emerald Publishing
- Online Journal of Communication and Media Technologies, Bastas Publishing
- Automatika, Korema
- BH Elektrotehnika, CIGRE
- Science, Engineering and Technology, "IMS" Vogošća & Faculty of Traffic and Communication

Editorial Boards and Committees

- International Conference on Communication Theory, Reliability, and Quality of Service (CTRQ) 2011 - 2022
- Science, Engineering and Technology, "IMS" Vogošća & Faculty of Traffic and Communication

Conference Organization

- Organization of the 1st BH Telecom's Technology Conference, 2019.

Memberships

- IEEE Communication Society
- IEEE Future Networks
- IEEE Internet of Things Community
- BH-TEL Association
- BAKE Association

Research Profile

- ORCID ID: 0000-0001-6119-6447
- Scopus ID: 55601474300
- Researcher ID: GMW-8569-2022

REFERENCES

Books

- [1] Baraković, S., Baraković Husić, J., 2022. Osnove modelovanja prijetnji u oblasti informaciono-komunikacionih sistema. Dobra knjiga. ISBN: 978-9958-27-672-9.
- [2] Baraković Husić, J., Baraković, S., Turajlić, E., 2020. Multimedija i umrežavanje. Univerzitet u Sarajevu. ISBN: 978-9958-629-84-6.
- [3] Turajlić, E., Baraković Husić, J., Baraković, S., 2018. Kompresija slike i videa. Univerzitet u Sarajevu. ISBN: 978-9958-629-71-6.
- [4] Baraković Husić, J., Brka, E., Hadžialić, M. and Škrbić, M., 2014. Multimedija i kodiranje. Univerzitet u Sarajevu. ISBN 978-9958-629-59-4.
- [5] Škrbić, M., Hadžialić, M., Baraković Husić, J., Huseinović, K. and Gološ, S., 2014. Signalizacioni sistemi u mobilnim čelijskim mrežama. Bosanskohercegovačko udruženje za telekomunikacije BHTEL. ISBN 978-9958-1949-4-8.

Books Chapters

- [1] Schatz, R., Schwarzmann, S., Zinner, T., Dobrijević, O., Liotou, E., Pocta, P., Baraković, S., Baraković Husić, J., Skorin-Kapov, L., 2018. QoE Management for Future Networks. Springer book on Autonomous Control for a Reliable Internet of Services: Methods, Models, Approaches, Techniques, Algorithms and Tools. Springer International Publishing. ISBN: 978-3-319-90415-3.
- [2] Baraković, S., Baraković Husić, J., Kulovac, A., Ristićević, B., 2016. The first step in Building Cyber Resilient Societies in the Region od SEE: Bosnia and Herzegovina's Position. Research Study „Building a Cyber Resilient Society in SEE Region“. RACVIAC – Centre for Security Cooperation. ISBN: 978-953-59418-0-4.
- [3] Baraković, S., Mrkaja, M., Husić, A., Kulovac, A., Baraković Husić, J., 2014. Area of Cyber Security in Bosnia and Herzegovina With Focus on Activities of Ministry of Security of Bosnia and Herzegovina on Establishment of the BIH CERT Body. Cyber Security and Resiliency Policy framework, 38:65-81. IOS Press. ISBN: 978-1-61499-445-9.

Journal Publications

- [1] Baraković, S., Baraković Husić, J. 2022. Cyber Hygiene Knowledge, Awareness, and Behavioral Practices of University Students. In: Information Security Journal: A Global Perspective. DOI: <https://doi.org/10.1080/19393555.2022.2088428>.
- [2] Skaka – Čekić, F., Baraković Husić, J., Odžak, A., Hadžialić, M., Huremović, A., Šehić, K. 2022. Dimensionality Reduction of Independent Influence Factors in the Objective Evaluation of Quality of Experience. In: Scientific Reports. DOI: <https://doi.org/10.1038/s41598-022-13803-z>.
- [3] Baraković, S., Baraković Husić, J. 2022. The Importance of Security Matters for Quality of Experience in Mobile Web Context. In: International Journal of Human-Computer Studies. DOI: <https://doi.org/10.1080/10447318.2022.2072454>.
- [4] Baraković Husić, J., Baraković, S., 2022. Multidimensional modelling of quality of experience for video streaming. In: Computers in Human Behavior, 129, 107155. DOI: <https://doi.org/10.1016/j.chb.2021.107155>.
- [5] Popaja, N., Baraković, S., Baraković Husić, J., 2021. Analysis of Threats for Ambient Assisted Living (AAL) Wireless Sensor Network (WSN)-Based System. In: Bosanskohercegovačka elektrotehnika, 15. ISSN 2566-3151.
- [6] Hodžić, E., Baraković, S., Kavazović, A., Baraković Husić, J., 2021. Use of information and communication technologies in social work institutions in extraordinary circumstances. In: Science, Engineering and Technology 1(2):8-15. DOI: <https://doi.org/10.54327/set2021/v1.i2.13>.
- [7] Ajdinović, N., Nurkić, S., Baraković Husić, J., Baraković, S., 2021. Recognition of traffic generated by WebRTC communication. In: Science, Engineering and Technology 1(1):15-20. DOI: <https://doi.org/10.54327/set2021/v1.i1.8>.
- [8] Jokić, A., Baraković, S., Baraković Husić, J., and Pleho, J., 2021. Partial Rule Security Information and Event Management Concept in Detection of Cyber Incidents. International Journal of Security and Networks, 16(2): 117-128. ISSN: 1747-8405, e-ISSN: 1747-8413. DOI: 10.1504/IJSN.2021.116777.
- [9] Muharemović, E., Čaušević, S., Kosovac, A., Baraković Husić J., 2021. Cost and Performance Optimisation in the Technological Phase of Parcel Delivery – A Literature Review. Promet – Traffic & Transportation. 33(1):129-139. ISSN: 0353-5320, e-ISSN: 1848-4069. DOI: 10.7307/ptt.v33i1.3439.
- [10] Baraković Husić, J., Baraković, S., Krejcar, O., and Maresova, P., 2021. Modelling of Quality of Experience for Web-based Unified Communications with Perceptual Dimensions. Signal, Image and Video Processing. ISSN: 1863-1703, e-ISSN: 1863-1711. DOI: 10.1007/s11760-020-01822-0.
- [11] Baraković Husić, J., Melero, F.J., Baraković, S., Lemeski, P., Zdravevski, E., Maresova, P., Krejcar,

- O., Chorbev, I., Garcia, N.M., and Trajkovik, V., 2020. Aging at Work: A Review of Recent Trends and Future Directions. *International Journal of Environmental Research and Public Health*, 17(20), 7659. ISSN: 1660-4601. DOI: 10.3390/ijerph17207659.
- [12] Hajrić, A., Smaka, T., Baraković, S., and Baraković Husić, J., 2020. Methods, Methodologies, and Tools for Threat Modeling with Case Study. *Telfor Journal*, 12(1): 56-61. ISSN 1821-3251. DOI: 10.5937/telfor2001056H.
- [13] Baraković Husić, J., Baraković, S. and Kasumović, S., 2020. Studying the Impact of SIP Message Differentiation on the Quality of VoIP Session Control Procedures. *IETE Technical Review*. ISSN: 0256-4602, e-ISSN: 0974-5971. DOI: 10.1080/02564602.2020.1786472.
- [14] Dervišević, T., Baraković, S., and Baraković Husić, J., 2020. Case Study: Security of System for Remote Management of Windows. *Bosanskohercegovačka elektrotehnika* 14. ISSN: 2566-316X.
- [15] Maresova, P., Prochazka, M., Baraković, S., Baraković Husić, J., and Kuca, K., 2020. A Shortage in the Number of Nurses – A Case Study from a Selected Region in the Czech Republic and International Context. *Healthcare*, 8(2), 152. ISSN: 2227-9032. DOI: 10.3390/healthcare8020152.
- [16] Baraković, S., Baraković Husić, J., van Hoof, J., Krejcar, O., Maresova, P., Akhtar, Z., and Melero, F.J., 2020. Quality of Life Framework for Personalised Ageing: A Systematic Review of ICT Solutions. *International Journal of Environmental Research and Public Health*, 17(8), 2940. eISSN: 1660-4601. DOI: 10.3390/ijerph17082940.
- [17] Baraković, S., Baraković Husić, J., Maraj, D., Maraj, A., Krejcar, O., Maresova, P., and Melero, F.J., 2020. Quality of Life, Quality of Experience, and Security Perception in Web of Things: An Overview of Research Opportunities. *Electronics*, 9(4), 700. eISSN 2079-9292. DOI: 10.3390/electronics9040700.
- [18] Kulović, J. Baraković, S., and Baraković Husić, J., 2020. Analysis of Threats for Web of Things (WoT) System. *Bosanskohercegovačka elektrotehnika*, 14. ISSN: 2566-316X.
- [19] Maresova, P., Krejcar, O., Baraković, S., Baraković Husić, J., Lemeski, P., Zdravevski, E., Chorbev, I., and Trajkovik, V., 2020. Health-Related ICT Solutions of Smart Environments for Elderly – Systematic Review. *IEEE Access*, 8 (1). ISSN: 2169-3536, e-ISSN: 2169-3536. DOI: 10.1109/ACCESS.2020.2981315.
- [20] Baraković Husić, J., Baraković, S., Cero, E., Slamnik, N., Ocuz, M., Dedović, A. and Zupcic, O., 2020. Quality of Experience for Unified Communications: A Survey. *International Journal of Network Management*, 30(3). ISSN: 1055-7148, e-ISSN: 1099-1190. DOI: 10.1002/nem.2083.
- [21] Cero Dinarević, E., Baraković Husić, J., and Baraković, S., 2019. Step by Step Towards Effective Human Activity Recognition: A Balance between Energy Consumption and Latency in Health and Wellbeing Applications. *Sensors*, 19(23), 5206. eISSN: 1424-8220. DOI: 10.3390/s19235206.
- [22] Baraković Husić, J., Baraković, S., and Kasumović, S., 2019. The Influence of SIP Call Control Signalling on VoIP Quality of Experience. *Technical Gazette*, 26 (6). ISSN: 1330-3651, e-ISSN: 1848-6339. DOI: 10.17559/TV-20180325195242.
- [23] Maresova, P., Javamardi, E., Baraković, S., Baraković Husić, J., Tomsone, S., Krejcar, O., and Kuca, K., 2019. Consequences of Chronic Diseases and Other Limitations Associated with Old Age – A Scoping Review. *BMC Public Health*, 19(1):1431. eISSN: 1471-2458. DOI: 10.1186/s12889-019-7762-5.
- [24] Krejcar, O., Maresova, P., Selamat, A., Melero, F.J., Frischer, R., Kuca, K., Baraković, S., Baraković Husić, J., 2019. Smart Furniture Definition and Specification- Patent Analysis and Literature Review. *IEEE Access*, ISSN: 2169-3536, e-ISSN: 2169-3536. DOI: 10.1109/ACCESS.2019.2927778.
- [25] Osmanović, I., Baraković Husić, J. and Baraković, S., 2018. Impact of Media-Related SIFs on QoE for H.265/HEVC Video Streaming. *Journal of Communications, Software and Systems (JCOMSS)* 14(2): 157-170. ISSN: 1845-6421, e-ISSN: 1846-6079. DOI: 10.24138/jcomss.v14i2.516.
- [26] Cero, E., Baraković Husić, J. and Baraković, S., 2017. IoT's Tiny Steps Toward 5G: Telco's Perspective. *Symmetry*. ISSN: 2073-8994. DOI: 10.3390/sym9100213.
- [27] Baraković, S. and Baraković Husić, J., 2016. Web Categorization and End User Survey Addressing Mobile Web. *Bosanskohercegovačka elektrotehnika* 10: 36-45, ISSN: 1512-5483.
- [28] Trakić, N., Čolaković, A. and Baraković Husić, J., 2015. Primjena ADSL tehnologije za pružanje IPTV usluga. In: *Academic and Professional Telecommunications Technologies Journal TELEKOMUNIKACIJE*, 12(42): 21-27. ISSN 1512-8318.
- [29] Baraković, S. and Baraković Husić, J., 2015. "We Have Problems for Solutions": The State of Cyber Security in Bosnia and Herzegovina. *Information & Security: An International Journal* 32(2): 131-154, ISSN: 0861-5160, e-ISSN: 1314-2119, DOI: 10.11610/isij.3205.
- [30] Baraković, S., Jevtić, D. and Baraković Husić, J., 2012. Modelling of Session Initiation Protocol INVITE Transaction Using Colored Petri Nets. *International Journal of Computer, Electrical, Automation, Control and Information Engineering*, 6(1).
- [31] Baraković Husić, J., Bajrić, H. and Baraković, S., 2012. Evolution of Signalling Information Transmission. *ISRN Communications and Networking*. Available at: <http://www.hindawi.com/journals/isrn.communications.networking/2012/705910/>. ISSN: 20904355, e-ISSN: 2090-4363, DOI:

10.5402/2012/705910.

- [32] Baraković, J., Bajrić, H., Kos, M. Baraković, S. and Husić, A., 2011. Prioritizing Signaling Information Transmission in Next Generation Networks. *Journal of Computer Networks and Communication*. Hindawi Publishing Corporation. Available at: <http://www.hindawi.com/journals/jcnc/2011/470264/>. ISSN: 2090-7141, e-ISSN: 2090-715X, DOI: 10.1155/2011/470264.
- [33] Baraković, S., Kasapović, S. and Baraković, J., 2010. Comparison of MANET Routing Protocols in Different Traffic and Mobility Models. *TELFOR Journal* 2(1): 8-12. Available at: http://journal.telfor.rs/Published/No3/No03_P02_fin.pdf. ISSN: 1821-3251, e-ISSN: 2334-9905.
- [34] Baraković, S., Baraković, J. and Kasapović, S., 2010. Protokoli usmjeravanja u mobilnim ad hoc mrežama. *Academic and Professional Telecommunications Technologies Journal TELEKOMUNIKACIJE*, 9(28): 10-17. ISSN 1512-8318.
- [35] Baraković, J., Bajrić, H., Kos, M. and Rešidbegović, N., 2009. Prijenos signalizacijskih informacija u mrežama nove generacije. *Academic and Professional Telecommunications Technologies Journal TELEKOMUNIKACIJE*, 8(26): 3-12. ISSN 1512-8318.
- [36] Baraković, J., Bajrić, H., Mudrić, D. and Jamak, A., 2007. Osiguranje kvalitete IPTV usluge. *Academic and Professional Telecommunications Technologies Journal TELEKOMUNIKACIJE*, 6(18): 19-25. ISSN 1512-8318.
- [37] Baraković, J., Bajrić, H. and Džaferović, N., 2005. Queue Scheduling Disciplines for Videoconferencing over Packet-Switched Networks. *Academic and Professional Telecommunications Technologies Journal TELEKOMUNIKACIJE*, 4(12): 3-15. ISSN 1512-8318.

Conference Publications

- [1] Baraković, S., Baraković Husić, J. 2022. Digital Transformation Challenges: The Cyber Security Threats of Cryptocurrency Technology Use. *International Conference on Advances in Traffic and Communication Technologies (ATCT)*. Sarajevo, Bosnia and Herzegovina.
- [2] Baraković Husić, J., Baraković S. 2022. 5G Security Threats and Countermeasures: An Operator Perspective. *International Conference on Advances in Traffic and Communication Technologies (ATCT)*. Sarajevo, Bosnia and Herzegovina.
- [3] Softić, A., Baraković Husić, J., Softić, A., and Baraković, S., 2021. Health Chatbot: Design, Implementation, Acceptance and Usage Motivation. In: *Proceedings of the 20th International Symposium INFOTEH-JAHORINA (INFOTEH 2021)*. Jahorina, Bosnia and Herzegovina. DOI: 10.1109/INFOTEH51037.2021.9400693.
- [4] Baraković Husić, J., Alić, A., Baraković, S., and Mrkaja, M., 2021. QoE Prediction of WebRTC Video Calls Using Google Chrome Statistics. In: *Proceedings of the 20th International Symposium INFOTEH-JAHORINA (INFOTEH 2021)*. Jahorina, Bosnia and Herzegovina. DOI: 10.1109/INFOTEH51037.2021.9400661.
- [5] Krejcar, O., Maresova, P., Brida, P., Baraković, S., Baraković Husić, J., Kuca, K. and Selamat, A., 2020. Technology Analysis of Global Smart Furniture Development Using Patent Data. In: *13th International Conference ELEKTRO 2020*, Taormina, Italy. DOI: 10.1109/ELEKTRO49696.2020.9130210.
- [6] Karadža, A., Baraković Husić, J., Baraković, S., and Nogo, S., 2020. Multidimensional QoE Prediction of WebRTC Video Communication with Machine Learning. In: *Springer Lecture Notes in Networks and Systems (LNNS), International Symposium on Innovative and Interdisciplinary Applications of Advanced Technologies (IAT 2020)*. DOI: 10.1007/978-3-030-54765-3_18.
- [7] Balihodžić, M., Baraković Husić, J., and Baraković, S., 2020. The Influence of System Factors on QoE for WebRTC Video Communication. In: *Springer Lecture Notes in Networks and Systems (LNNS), International Symposium on Innovative and Interdisciplinary Applications of Advanced Technologies (IAT 2020)*. DOI: 10.1007/978-3-030-54765-3_17.
- [8] Dizdarević, A., Baraković, S., and Baraković Husić, J., 2019. Examination of Digital Forensics Software Tools Performance: Open or not? In: *Springer Lecture Notes in Networks and Systems (LNNS), International Symposium on Innovative and Interdisciplinary Applications of Advanced Technologies (IAT 2019)*, Sarajevo, Bosnia and Herzegovina. DOI: 10.1007/978-3-030-24986-1_35.
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