**Dr Gordana Gardašević, Full Professor CURRICULUM VITAE**



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| **Date of birth**  **Place of birth**  **Gender** | **07/11/1970**  **Banja Luka, Bosnia and Herzegovina**  **Female** |

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| **EDUCATION**   * **Postdoctoral fellowship, Erasmus Mundus JoinEUSee project,** October 2013 – July 2014   **University of Bologna,** **Department of Electrical, Electronic and Information Engineering**  Research title “Testing Internet of Things on EuWIn Platform through Experimentation“.  Supervised by Prof. Roberto Verdone.   * **Doctoral degree** **in Electrical Engineering - Field of Telecommunications** October 2005 – March 2008   **Faculty of Electrical Engineering, Department of Telecommunications, Banja Luka**  Thesis title “ Optimization of application QoS (Quality of Service) protocols for UMTS (Universal Mobile Telecommunication Systems)“.  Supervised by Visiting Prof. M. Jevtovic, University of Belgrade, and Prof. Philip Constantinou, NTUA, Athens, the defense date: *December 27th, 2008*.   * **Master of Electrical Engineering Sciences - Field of Telecommunications** October 1996 – July 2001   **Faculty of Electrical Engineering, Department of Telecommunications, Banja Luka**  Thesis title “ Analysis of Algorithms and Methods for Synchronization in Multimedia Telecommunications”.  Supervised by Visiting Prof. M. Jevtovic, University of Belgrade, the defense date: July 21th, 2001.   * + - **Bachelor in Electrical Engineering (a 5-years study program)** October 1989 – June 1994   **Faculty of Electrical Engineering, Department of Electronics and Telecommunications, Banja Luka**  Diploma work title “ Integrated Services Digital Networks - Reference Interfaces”.    **AWARDS**  **University and Ministry of Science awards for research and scientific results** 2017, 2020  **SCHOLARSHIPS**   * **The EUROWEB+ Scholarship Programme,** Маy 2017 – June 2017 **Visiting research at Mälardalen University, Sweden**   Embedded Sensor Systems for Healthcare Applications   * **Short Term Scientific Missions (STSM) within COST Action CA 15104 “The Inclusive Radio Communications (IRACON)”**   **Host institution: DEI, Università di Bologna, Bologna, Italy** November 6 -26, 2016  Experimental Characterization of Joint Scheduling and Routing algorithm over 6TiSCH   * **Scholarship for Doctoral Research Study granted by the Greek Government** November 2006 – March 2008   [The Mobile Radiocommunications Laboratory](http://mobile.ntua.gr/)**, NTUA (National Technical University of Athens), Athens, Greece**   * **Scholarship for Research Study** March-April 1997   **Institute for Information Systems and Computer Media (**[IICM](http://www.iicm.edu/)**), University of Technology, Graz, Austria.**  **EXPERIENCE**  **Academic Experience**  **Full Professor** 2020 -  **Associate Professor** 2014 - 2020  **Assistant Professor** 2009 - 2014  **Higher Assistant** 2001 - 2009  **Assistant** 1996 - 2001  **Teaching courses**  **Faculty of Electrical Engineering**  Undergraduate: Master:  **Banja Luka** Telecommunication Systems Radio-access technologies  Telecommunication Networks Multimedia telecommunication technologies  Computer Communication Wireless Sensor Networks  Multimedia Communications Emerging Trends in Broadband Technologies  Wireless Sensor Networks  Optical Communications  Information Theory   * Undergraduate and postgraduate mentoring * Mentor of doctoral studies     Doctoral studies, PhD in Information and Communication Technology  Internet of Things Technologies and Applications    **Faculty of Mechanical Engineering** Undergraduate: Master:  **Banja Luka** Modern communication systems Modern communication systems    **College of Communications Kappa Phi**  Undergraduate:  **Banja Luka** Introduction to computer systems    **Professional Experience**  **System Engineer** March 1995 – October 1996  Company Rudi Cajavec, Department of Telecommunications and Electronics, Banja Luka.  Designer of telecommunication equipment.  **Government Workgroup for Information Technologies** November 2003– March 2004  Strategy for implementation of information technologies in Bosnia and Herzegovina.  **Coordinator for FP6 Projects in Bosnia and Herzegovina** March 2005– April 2007  Implementation of Framework Programs in Bosnia and Herzegovina. SEE-ERA NET.    **Director of GDLN (Global Distance Learning Network) center** March 2003– present  World Bank affiliate for global distance learning education.  **Head of the Department of Telecommunications**  2010– present  **Vice-Dean for Research** March 2017 – March 2018  **PROFESSIONAL MEMBERSHIP AND TRAINING**  ResInfra@DR training to build capacity for evaluation, planning, monitoring, operation and management of research infrastructures  IEEE membership, COMSOC (Communication Society) membership  IEEE Internet of Things Community, IEEE Smart Cities Community, IEEE Cloud Computing Community  ЕURACON (European Association for Communications & Networking)  WSEAS (World Scientific and Engineering Academy and Society)  VCON certified training for videoconference equipment, Vienna office    **RESEARCH ACTIVITIES**  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Internet of Things and Industrial Internet of Things  5G systems  Wireless Sensor Networks  Quality of Service in Mobile and Wireless Networks, Cross-Layer Protocol Design, Cognitive Networks  Next Generation Networks Architectures and Applications  **PROJECTS**  Faculty of Electrical Engineering, Faculty of Medicine, Clinical Centre, Banja Luka 2000-2001  **Telemedicine Project**    **PHARE Project**: 2001-2003  Establishment and Operation of Regional PHARE ODL Study Center in Banja Luka, Bosnia and Herzegovina – PHARE Multicountry Program  **TEMPUS Project**: 2003-2006 Standardization of University Curricula in Telecommunications  Government Workgroup for Information Technologies: 2003 - 2004  **B&H Medium Term Development Strategy for implementation of Information Technologies**    Faculty of Electrical Engineering Banja Luka and WUS Banja Luka Project: 2004 -2005  **Implementation of e-learning support at all levels of education in Bosnia and Herzegovina**    Faculty of Electrical Engineering Banja Luka, TELEKOM SRPSKA Project: 2002 - 2004  **Implementation of Laboratory for Multimedia Telecommunications at the Faculty of Electrical Engineering, Banja Luka**    **ERA WESTBALKAN, SEE-ERA.NET** 2005-2007  FP6 Program implementation for Bosnia and Herzegovina  National Technical University of Athens, the Mobile Radio-communications Laboratory: 2007  **Project: "The study of Radio Coverage for Broadband Access Network, ELECTRUM - HOL".**  Faculty of Electrical Engineering, Banja Luka 2009 - 2010  **Project: “RFID (Radio Frequency Identification) Technologies”.**    Faculty of Electrical Engineering, Banja Luka, B&H 2012 - 2013  Faculty of Electrical Engineering, Podgorica, Montenegro  **Project: “The CQ (Crosspoint Queued) Switch Performances Analysis with QoS (Quality of Service) guarantees”**  Granted by Ministry of Civil Affairs of Bosnia and Herzegovina  Norwegian Ministry of Foreign Affairs 2011 - 2014  Faculty of Electrical Engineering, Banja Luka, B&H  **Project:** “**NORBOTECH-NORwegian-Bosnian TECHnology Transfer based on Sustainable Open Source Systems Engineering in fields of Cloud Computing, Wireless Sensors, Robotics and Digital Signal/Image Processing/Image Processing**”.  **FP7 NEWCOM# (Network of Excellence in Wireless Communications) project:** [**European Lab on Wireless Communications for the Future Internet (EuWIn)**](http://www.newcom-project.eu/index.php?option=com_content&view=article&id=9:european-lab-on-wireless-communications-for-the-future-internet-euwin&catid=11:euwin&Itemid=107), Testing Protocols for the Internet of Things on EuWIN Platform, CNIT/University of Bologna (Italy) 2013 - 2014    Faculty of Electrical Engineering, Banja Luka, B&H 2014 - 2015  Faculty of Electrical Engineering, Podgorica, Montenegro  **Project: “The CQ (Crosspoint Queued) Switch Performances Analysis with QoS (Quality of Service) guarantees”**  Granted by Ministry of Civil Affairs of Bosnia and Herzegovina  **COST Action CA15104 - Inclusive Radio Communication Networks for 5G and beyond (IRACON)** 2016 - 2019  **Project: "Research and development of solutions for the implementation of the Smart City concept in the city of Banja Luka",** Granted by Ministry of Science and Research RS and City of Banjaluka 2018 - 2020  **Erasmus+ Project BENEFIT: Boosting the telecommunications engineer profile to meet modern society and industry needs**  2017 - 2020  **RESINFRA@DR: Facilitating macro-regional scope and link up to socio-economic actors of Research Infrastructure in the Danube Region,** Ministry of Science and Research RS2017-2019  **ESMARTCITY project: Enabling Smarter City in the MED Area through Networking**,**Interreg Medditeranean,** 2018-2020  Faculty of Electrical Engineering, Banja Luka, B&H 2019 - 2021  Jozef Stefan Institute, Ljubljana, Slovenia  **Bilateral Project: “Development of a joint scheduling and routing algorithm for industrial applications sensitive to delay”**  Granted by Ministry of Civil Affairs of Bosnia and Herzegovina  Faculty of Electrical Engineering, Banja Luka, B&H, **″Design of Industrial Internet of Things (IIoT) applications using optical-wireless communication technologies„** Ministry of Civil Affairs of Bosnia and Herzegovina2021  **COST Action CA19111 – NEWFOCUS ″European network on future generation optical wireless communication technologies”** 2020 - 2024  **COST Action CA20120 - Intelligence-Enabling Radio Communications for Seamless Inclusive Interactions (INTERACT)** 2021 - 2025  **INVITED LECTURES**   * **24th Seminar on Radio Communications SRK 2020, February 5-7, Ljubljana, Slovenia - "An overview of technology and research challenges in Industrial IoT".** * **Training Workshop in Klagenfurt, BENEFIT project, July 10-12, 2019 - "Testing protocols for Internet of Things (IoT) on experimental platform".** * **FORWARD Conference, Banja Luka, December 4-5, 2019 - "Presentaion of Smart City project".**   **PUBLICATIONS**   * More than 80 publications in national and international journals and conferences. * 3 books * 2 monograph   **Books**   * D. Vukobratović, **G. Gardašević**, D. Bajović, Ž. Bojović, "Bežične senzorske mreže u IoT primenama, Fakultet tehničkihnauka, Univerzitet u Novom Sadu, 2020. ISBN 978-86-6022-256-7. Osnovni univerzitetski udžbenik. * **Gordana Gardašević**, Mitar Simić, "Projektovanje industrijskih IoT mreža", Elektrotehnički fakultet, Univerzitet u Banjoj Luci, 2020. ISBN 978-99955-46-40-3. COBISS.RS-ID 8832280. Naučna monografija. * COST IRACON book "Inclusive Radio Communication Networks for 5G and beyond”, COST Action 15104, 2021. * **Gordana Gardašević**, Nebojša Maletić: "Uvod u telekomunikacione sisteme i mreže", izdavač Elektrotehnički fakultet Univerziteta u Banjoj Luci, 2014. god. * Milojko Jevtović, Božidar Janačković, **Gordana Gardašević**, "Telekomunikacione mreže i prenosni sistemi - zbirka zadataka", prvo izdanje, izdavač "Grafo-žig", Beograd, 1998. god. * Milojko Jevtović, Božidar Janačković, **Gordana Gardašević**: "Telekomunikacione mreže i prenosni sistemi - zbirka zadataka", drugo izdanje, izdavač "Grafo-žig", Beograd, 2001. god.   **Book Chapters:**   * **Gordana Gardašević**, Lazar Berbakov, Aleksandar Mastilović (2020). Cybersecurity of Industrial Internet of Things. In M. D. Stojanović and S. V. Boštjančič Rakas (Eds.), Cyber Security of Industrial Control Systems in the Future Internet Environment. Hershey, PA: IGI Global. doi: 10.4018/978-1-7998-2910-2.ch003. * Dragorad Milovanović, Vladan Pantović and **Gordana Gardašević** (2020), Converging Technologies for the IoT: Standardization Activities and Frameworks, in Securing the Internet of Things: Concepts, Methodologies, Tools, and Applications. Hershey, PA: IGI Global. doi: 10.4018/978-1-5225-9866-4.ch048. * Dragorad Milovanović, Vladan Pantović and **Gordana Gardašević** (2017), Converging Technologies for the IoT: Standardization Activities and Frameworks, in Petar Kocovic, Reinhold Behringer, Muthu Ramachandran and Radomir Mihajlovic (Eds.), Emerging Trends and Applications of the Internet of Things. Hershey, PA: IGI Global. doi: 10.4018/978-1-5225-2437-3.ch003.   **Journal and conference papers - period from 2008 to 2022**  **Journal papers**   * Katzis, K.; Berbakov, L.; Gardašević, G.; Šveljo, O. Breaking Barriers in Emerging Biomedical Applications. Entropy 2022, 24, 226. <https://doi.org/10.3390/e24020226>. (импакт фактор = 2,524). * Morano, G.; Hrovat, A.; Vučnik, M.; Puhan, J.; **Gardašević, G**.; Vasiljević, D.; Javornik, T. Experiment Control and Monitoring System for LOG-a-TEC Testbed. Sensors 2021, 21, 6422. <https://doi.org/10.3390/s21196422> (impact factor = 3.567) * **Gardašević, G**.; Katzis, K.; Bajić, D.; Berbakov, L. Emerging Wireless Sensor Networks and Internet of Things Technologies - Foundations of Smart Healthcare. Sensors 2020, 20, 3619. doi:10.3390/s20133619, pp. 1-30 (impact factor = 3.275) * C. Buratti, A. Stajkic, **G. Gardasevic**, S. Milardo, M. D. Abrignani, S. Mijovic, G.Morabito, R. Verdone, "Testing Protocols for the Internet of Things on the EuWIn Platform," in IEEE Internet of Things Journal, vol. 3, no. 1, pp. 124-133, Feb. 2016. doi: 10.1109/JIOT.2015.2462030. (impact factor = 7.59) * **Gardasevic, G**., Veletic, M., Maletic, N., Vasiljevic, D., Radusinovic, I., Tomovic, S., & Radonjic, M. (2017). The IoT Architectural Framework, Design Issues and Application Domains. Wireless Personal Communications, 92, 127-148. doi: 10.1007/s11277-016-3842-3. (impact factor = 0.959) * **G. Gardasevic**, S. Divanovic, M. Radonjic, I. Radusinovic: "A QoS-aware Dual Crosspoint Queued switch with Largest Weighted Occupancy First scheduling algorithm", IEICE TRANSACTIONS ON COMMUNICATIONS, Vol.E98-B, No.01, pp. -, Jan. 2015. * **G. Gardasevic**, D. Stjepanovic, A. Damljanovic, D. Cvijanovic: "A Novel Algorithm for SOA-based Cross-Layer QoS Support in Multiservice Heterogeneous Environments", WSEAS TRANSACTIONS on INFORMATION SCIENCE and APPLICATIONS, Issue 3, Volume 10, pp. 69-78, E-ISSN: 2224-3402, March 2013. * **Gordana Gardasevic**, Milojko Jevtovic, Philip Constantinou: "Optimization of Application QoS Protocols for 3G/4G Mobile Networks", WSEAS TRANSACTIONS on COMMUNICATIONS, Issue 9, Vol.7, pp.984-993, ISSN 1109-2742, Sept. 2008.   **Conference papers**   * Milica Lekić, **Gordana Gardasevic**, Performance Evaluation of 6TiSCH Network with Multiple Physical Layers, BalkanCom 2021, Fourth International Balkan Conference on Communications and Networking, Novi Sad, Serbia, September 20-22, 2021 * **Gordana Gardašević**, Milica Lekić, Towards Deterministic Industrial Internet of Things Networking, Proceedings of the Third National Conference with International Participation titled Application of free software and open hardware PSSOH 2020, DOI: 10.5281/zenodo.4064277 * Ramos A.R., Velez F.J., **Gardašević G.** (2020) Performance Evaluation of Source Routing Minimum Cost Forwarding Protocol Over 6TiSCH Applied to the OpenMote-B Platform. In: José R., Van Laerhoven K., Rodrigues H. (eds) 3rd EAI International Conference on IoT in Urban Space. Urb-IoT 2018. EAI/Springer Innovations in Communication and Computing. Springer, Cham. doi: 10.1007/978-3-030-28925-6\_11, pp.123-134. * Hrovat A., Cerar G., **Gardašević G**., Vasiljević D., Javornik T.,"Testing the interoperability of the joint scheduling and routing algorithm for IIoT applications", Proceedings of the 28th International Electrotechnical and Computer Science Conference, Portorož, IEEE ERK'19, Slovenia, 23-24. September 2019, pp. 40-43. ISSN 2591-0442. * D. Vasiljević and **G. Gardašević**, "Packet Aggregation-Based Scheduling in 6TiSCH Networks," IEEE EUROCON 2019,18th International Conference on Smart Technologies, Novi Sad, Serbia, 2019, pp. 1-5. doi: 10.1109/EUROCON.2019.8861910. * T. Devaja, D. Bajovic, D. Vukobratovic and **G. Gardašević**, "Scheduling in 6TiSCH Networks via Max-Product Message-Passing," IEEE EUROCON 2019 - 18th International Conference on Smart Technologies, Novi Sad, Serbia, 2019, pp. 1-6. doi: 10.1109/EUROCON.2019.8861979. * **G. Gardašević**, "Distributed Scheduling in 6TiSCH Networks based on "On-The-Fly" (OTF) Bandwidth Adaptation", BalkanCom 2019 - Third International Balkan Conference on Communications and Networking, Skopje, North Macedonia, June 10-12, 2019. * **G. Gardasevic**, P. Plavsic and D. Vasiljevic, "Experimental IoT Testbed for Testing the 6TiSCH and RPL Coexistence," IEEE INFOCOM 2019 - IEEE Conference on Computer Communications Workshops (INFOCOM WKSHPS), Paris, France, 2019, pp. 917-918, doi: 10.1109/INFCOMW.2019.8845118. * **G. Gardašević**, D. Vasiljević, C. Buratti and R. Verdone, "Experimental Characterization of Joint Scheduling and Routing Algorithm Over 6TiSCH," 2018 European Conference on Networks and Communications (EuCNC), Ljubljana, Slovenia, 2018, pp. 424-428. doi: 10.1109/EuCNC.2018.8442481. * C. Oestges, **G. Gardašević**, "IRACON: Inclusive Radio Communication Networks for 5G and Beyond", Special Session, 2018 European Conference on Networks and Communications (EuCNC), Ljubljana, Slovenia, Jun, 2018. * **Gardašević G**., Fotouhi H., Tomasic I., Vahabi M., Björkman M., Lindén M. (2018) A Heterogeneous IoT-Based Architecture for Remote Monitoring of Physiological and Environmental Parameters. In: Ahmed M., Begum S., Fasquel JB. (eds) Internet of Things (IoT) Technologies for HealthCare. HealthyIoT 2017. Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, vol 225. Springer, Cham. Print ISBN: 978-3-319-76212-8. doi: 10.1007/978-3-319-76213-5\_7. * M. Lekić and G. **Gardašević**, "IoT sensor integration to Node-RED platform," 17th International Symposium INFOTEH-JAHORINA (INFOTEH), East Sarajevo, 2018, pp.1-5. doi: 10.1109/INFOTEH.2018.8345544. * B. Malčić, S. Šajić and **G. Gardašević**, "A dynamic channel assignment algorithm for IEEE 802.11 WLAN," 2018 17th International Symposium INFOTEH-JAHORINA(INFOTEH), East Sarajevo, 2018, pp. 1-5. doi: 10.1109/INFOTEH.2018.8345523. * B. Malčić, **G. Gardašević** and S. Šajić, "A new algorithm for energy-efficient IEEE 802.11 access points," 2017 25th Telecommunication Forum (TELFOR), Belgrade, 2017, pp. 1-4. doi: 10.1109/TELFOR.2017.8249281. * **G. Gardašević**, H. Fotouhi, I. Tomasic, M. Vahabi, M. Björkman, M. Lindén, A Heterogeneous IoT-based Architecture for Remote Monitoring of Physiological and Environmental Parameters, *4th EAI International Conference on IoT Technologies for HealthCare*, Angers, France, Oct, 2017 * **G. Gardašević**, D. Vasiljević, C. Buratti, R. Verdone, Experimental Characterization of Joint Scheduling and Routing Algorithm over 6TiSCH, *Workshop on Dependable Wireless Communications and Localization for the IoT*, Graz, Austria, Sep, 2017. * D. Vasiljević and **G. Gardašević**, "Performance evaluation of OpenWSN operating system on open mote platform for industrial IoT applications," *2016 International Symposium on Industrial Electronics (INDEL)*, Banja Luka, 2016, pp. 1-6.   doi: 10.1109/INDEL.2016.7797791   * S. Tomovic, N. Lekic, I. Radusinovic and **G. Gardasevic**, "A new approach to dynamic routing in SDN networks," *2016 18th Mediterranean Electrotechnical Conference (MELECON)*, Lemesos, 2016, pp. 1-6.   doi: 10.1109/MELCON.2016.7495433   * **G. Gardasevic**, M. Veletic, N. Maletic, I. Radusinovic, M. Radonjic, "An Overview of Internet of Things Architectural Frameworks, Design Issues and Application Domains”, *Regional ICT Conference - ICT Services and Applications and their Societal Impacts,* Sept. 28-30, 2015, Budva, Montenegro. * **Gordana Gardasevic**, Stefan Mijovic, Andrea Stajkic, Chiara Buratti: "On the Performance of 6LoWPAN Through Experimentation", *The 11th International Wireless Communications & Mobile Computing Conference (IWCMC 2015)*, August 24-28, 2015, Dubrovnik, Croatia. * Dejana Ugrenovic**, Gordana Gardasevic:** "Performance Analysis of IoT Wireless Sensor Networks for Healthcare Applications", *The 2nd International Conference on Electrical, Electronic and Computing Engineering IcETRAN 2015*, Silver Lake, Serbia, June 8-11, 2015. * Ugrenovic D, **Gardasevic G**, Golic D, Gazdic V.**:** "IoT Wireless Sensor Networks for Healthcare Applications", *The First Conference on Medical and Biological Engineering in Bosnia and Herzegovina (CMBEBiH)*, Sarajevo, BiH, March 13-15, 2015. * **G. Gardasevic**, S. Divanovic, M. Radonjic, I. Radusinovic: "A QoS-aware Dual Crosspoint Queued switch with Largest Weighted Occupancy First scheduling algorithm", *IEICE TRANSACTIONS ON COMMUNICATIONS*, Vol.E98-B, No.01, pp. -, Jan. 2015, SCI. * Sebastiano Milardo, **Gordana Gardasevic**, Melchiorre Danilo Abrignani, Andrea Stajkic, Stefan Mijovic Giacomo Morabito Chiara Buratti, Roberto: "Testing Protocols for the Internet of Things on the EuWIn Platform", 23rd *European Conference on Networks and Communications (EuCNC’2014),* Special Session, 23-26 june, 2014, Bologna, Italy.  Divanović Soko, Radonjić Milutin, Gardašević Gordana, Radusinović Igor: „ Dynamic Weighted Round Robin in Crosspoint Queued Switch“, *The 21st Telecommunications Forum TELFOR 2013*, 26-28 November, 2013, Belgrade, Serbia.  * S. Bundalo, **G. Gardašević**: „Mogućnost implementacije servisno-orijentisane arhitekture u telekomunikacionim mrežama nove generacije”, *XX konferencija INFOFEST*, Miločer – Budva, Crna Gora, 29.9.-5.10.2013. * N. Maletic, S. Divanovic, M. *Radonjic,* I*. Radusinovic*, **G. Gardasevic**: “Performance Evaluation of Dual Crosspoint Queued Crossbar Packet Switch”, *11th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services TELSIKS 2013*, Nis, Serbia*,* 16 to 19 October 2013. * Divanovic S., Radonjic M., **Gardasevic G**., *Radusinovic I.,* "Performance Analysis of Crosspoint Queued Crossbar Switch with Weighted Round Robin Scheduling Algorithm under Unbalanced Bursty Traffic", *The Eighteen IEEE ISCC 2013*, Split, Croatia, July 2013. * **G. Gardasević**, D. Stjepanovic, A. Damljanovic, D. Cvijanovic: “A Novel Algorithm for SOA-based Cross-Layer QoS Support in Multiservice Heterogeneous Environments”, *WSEAS TRANSACTIONS on INFORMATION SCIENCE and APPLICATIONS*, Issue 3, Volume 10, March 2013, pp. 69-78, E-ISSN: 2224-3402.   + - S. Divanović, M. Radonjić, **G. Gardašević**, I. Radusinović: “Analiza maksimalnog kašnjenja koje unosi CQ komutator pri bursty dolaznom saobraćaju”, *XII International Scientific - Professional Symposium INFOTEH - Jahorina 2013*, Vol. 12, March 2013.     - S. Divanović, M. Radonjić, I. Radusinović, N. Maletić, M. Veletić, D. Kosić, **G. Gardašević**: “Scheduling Algorithms with QoS Support for Crosspoint Queued Crossbar Switch*”, Information Tehnology - IT 2013*, 25.2. - 5.3.2013, Zabljak, Montenegro.     - **G. Gardašević**, D. Stjepanović, A. Damljanović, D. Cvijanović: “A Novel Framework for SOA-based Cross-layer QoS Adaptation in Next Generation Networks*”, International Workshop on Emerging Communication Technologies - WECT 2012*, 5-6 October 2012, Budva, Montenegro. * **Gordana Gardasevic**, Dejan Stjepanovic, Aleksandar Damljanovic, Dejan Cvijanovic: "[A SOA-based Framework for Cross-layer QoS Adaptation in Next Generation Networks](file:///C:\\E:datapapers040.pdf)", *30th IEEE International Performance, Computing and Communications Conference (IPCCC 2011)*, November 17th-19th, 2011, Orlando, Florida, USA, **high conference rank**. * **Gordana Gardašević**: "A Framework for an Overall QoS Analysis in 4G Systems", *Proc. 55th ETRAN Conference, Banja Vrućica, B&H*, June 6-9, 2011. * **Gordana Gardašević**, Zoran Bojković: "Architectural Framework for Application Level QoS Adaptation in Next Generation Networks", *ICNS 2009, the Fifth International Conference on Networking and Services*, April 20-25, 2009, Valencia, Spain. * **Gordana Gardašević**: “Adaptation of QoS Application Protocols in 3G/4G Mobile Networks”, Invited paper, *the 26th Symposium on Novel technologies in Postal and Telecommunication Traffic*, Faculty of Transport and Traffic Engineering, University of Belgrade, December 16-17, 2008. * **Gordana Gardašević**, Milojko Jevtović, Philip Constantinou: ”Optimization of Application QoS Protocols for 3G/4G Mobile Networks”, *WSEAS Transactions on Communications*, Issue 9, Vol.7, ISSN 1109-2742, Sept. 2008**.** * The paper “Optimization of Application QoS Protocols for 3G/4G Mobile Networks” presented at the *7th WSEAS International Conference on Application of Electrical Engineering in Trondheim* (July 2-4, 2008) has been selected as **one of the 20 best papers** of the Conference and published in WSEAS Transactions on Communications.   The complete list of publications will be provided upon request.  **REFEREE AND COMMITTEE MEMBER**   * IEEE Globecom 2020 - IEEE Global Communications Conference, Taipei, Taiwan, 7-11 December 2020. Reviewer. * IEE ICC - IEEE International Conference on Communications, Dublin, Ireland, 7-11 June 2020. Reviewer. * 29th European Conference on Networks and Communications - EuCNC’2020, Dubrovnik, Croatia, 2020. Reviewer. * PSSOH Conference, Belgrade, Serbia , 2020 – Scientific Board * ISWCS'19,16th International Symposium on Wireless Communication Systems, Oulu, Finland, 2019. Reviewer. * 13th International Symposium on Medical Information and Communication Technology (ISMICT), Oslo, Norway, 2019. Reviewer. * International Conference On Military Communications And Information Systems (ICMCIS 2019), Budva, Montenegro. * IEEE EUROCON 2019 -18th International Conference on Smart Technologies, Novi Sad, Serbia, July 01-04, 2019, Chair of Special Session "Industrial Internet of Things". * BalkanCom 2019, Third International Balkan Conference on Communications and Networking, Skopje, North Macedonia, June 10-12, 2019 - Chair of Special Session "Wireless Sensor Networks". * 29th European Conference on Networks and Communications - EuCNC’2020, Dubrovnik, Croatia, June 16-17, 2020 – Committee Member * 28th European Conference on Networks and Communications - EuCNC’2019, Valencia, Spain, 2019, Vertical Applications and Internet of Things (VAP) - Committee Member and Reviewer * Workshop on "Next generation communication technologies and services", 2018., Banja Luka, Organizer and Lecturer. * BalkanCom 2018: The Second International Balkan Conference on Communications and Networking, Podgorica, Montenegro, June 6-8, 2018 - TPC Member * PSSOH Conference, Application of Free Software and Open Hardware, Belgrade, Serbia, October 26, 2019 – Program Committee (PC) Member * INFOTECH 2020 ICT Conference & Exhibition, 03.-04.6. 2020 – PC Member * IWCMC-Wireless Sensors 2018 - reviewer * Workshop on [Dependable Wireless Communications and Localization for the IoT](https://www.tugraz.at/projekte/dependable-things/events/dependable-wireless-communications-and-localization-for-the-iot-workshop/) - TPC, Graz, Sept. 2017 * IWCMC 2017 Wireless Sensor Symposium - reviewer * INDEL 2016 XI International Symposium on Industrial Electronics - Program Committee Member * IWCMC 2015 Wireless Sensor Symposium - reviewer * Transactions on Emerging Telecommunications Technologies * ICNS (The International Conference on Networking and Services) 2010, 2011, 2012, 2013 - Technical Program Committee * IWSSIP 2012 - The 19th International Conference on Systems, Signals and Image Processing * 2012 Sarajevo Technology Forum - Technical Program Committee Member * IARIA Journal -International Journal on Advances in Networks and Services - Editorial Board * INDEL – International Symposium on Industrial Electronics   **JOURNAL REVIEWER**   * IEEE Internet of Things Journal * Sensors * Wireless Personal Communications * EURASIP Journal on Wireless Communications and Networking * Journal of Network and Computer Applications * Transactions on Emerging Telecommunications Technologies * Electronics Journal   **LANGUAGES**  **Serbian** Native language  **English** Fluent both spoken and written English  **Greek** Good both spoken and written Greek  **German** Fair both spoken and written German  I**talian**  Fair both spoken and written Italian  **COMPUTER SKILLS**  **Scientific** C, C++, MATLAB, SIMULINK, Visio, Mathematica, Network simulators - OPNET, NS 2, OMNet++, Contiki OS,  OpenWSN, RIOT OS  **Radio-planning**  Cellular Expert and GTEM (Gigahertz Transverse Electromagnetic cell) equipment for emission and immunity testing  **OTHER SKILLS**  **Driving licence** –category „B" |
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