



CURRICULUM VITAE

PERSONAL INFORMATION

First name and Surname: **Kjire JAKJIMOSKI**

Date & place of birth: November 17, 1979; Gostivar, R. Macedonia

Nationality: Republic of N. Macedonia (Macedonian)

CONTACT INFORMATION

Name: Kire Jakimoski, D.Sc., Full Professor, IEEE Senior Member

Address: Boulevard Vidoe Smilevski Bato 14/23
1000, Skopje, Republic of North Macedonia

Mobile: + 389 76 901 852

E-mail: kire_jakimoski@ugd.edu.mk

Web of Science Researcher ID: <https://publons.com/researcher/1440403/kire-jakimoski/>

Other Science ID profiles: <https://www.mendeley.com/profiles/kire-jakimoski2/>
<https://orcid.org/0000-0002-4969-8054>
<https://www.scopus.com/authid/detail.uri?authorId=35409472500>
<https://scholar.google.com/citations?user=ghmtqDIAAAAJ&hl=en&oi=ao>
https://www.researchgate.net/profile/Kire_Jakimoski

EDUCATION

Undergraduate studies: Military Academy "General Mihailo Apostolski" – Skopje.
Profile: Signals Officer
Graduated: 2002

M.Sc. studies: University "Sv. Kiril i Metodij"
Faculty of Electrical Engineering and Information Technologies - Skopje
Profile: Master of Electrotechnical Sciences
Graduated: 2007

D.Sc. studies: University "Sv. Kiril i Metodij"
Faculty of Electrical Engineering and Information Technologies - Skopje
Profile: Doctor of Technical Sciences
Graduated: 2013

LANGUAGES

Mother tongue: Macedonian

Other languages: English (excellent written and spoken, BULATS score: Advanced – C1)
Serbian, Croatian, Bulgarian, French (basic level)

WORK EXPERIENCE

August 2002 – December 2005:	Signals Officer in the Army of Republic of Macedonia. Installing, operating and working with all kinds of network equipment used in the Army and training the soldiers and non-commissioned officers for using it. Finished course with certificate for installing, operating and functional checkout of the Harris equipment.
January 2006 – February 2007:	Advisor for Security Accreditation of Communication Systems at the Division for Information Security, Directorate for Security of Classified Information, Skopje.
March 2007 – March 2012:	Advisor for Cryptographic Systems at the Division for Information Security, Directorate for Security of Classified Information, Skopje. Implemented many courses for Information Security for the employees in the Macedonian state institutions and in the Macedonian missions for NATO and EU in Brussels.
March 2012 – February 2014:	Teaching and Research Assistant, Faculty of Informatics, FON University, Skopje.
February 2014 – February 2019:	Assistant Professor, Faculty of Informatics, FON University, Skopje.
October 2014 – November 2015:	Member of the Senate of the FON University.
November 2015 – October 2017:	Vice-Dean of the Faculty of Informatics, FON University, Skopje.
September 2016 – February 2024:	Visiting Professor on Military Academy “General Mihailo Apostolski” – Skopje.
September 2018 – October 2020:	Dean of the Faculty of Informatics, FON University, Skopje.
February 2020 – June 2020:	Acting Vice-Rector for Distant Learning, FON University, Skopje.
February 2019 – February 2024:	Associate Professor, Faculty of Informatics, AUE-FON University, Skopje
February 2024 – Ongoing:	Full Professor on the Military Academy “General Mihailo Apostolski”-Skopje, University “Goce Delchev”, Shtip, Republic of N. Macedonia.
November 2025 – Ongoing:	Head of Department for Advanced Technologies, Institute for Cybersecurity and Digital Forensics, Military Academy “General Mihailo Apostolski”-Skopje, University “Goce Delchev”, Shtip, Republic of N. Macedonia.

COURSES

September 2003	Certificate for installing, operating and functional checkout of the Harris equipment (VHF and HF).
August 2006	CompTia Security+ Certified Professional at the “Aleksandrija”, Skopje. CompTIA Security+ is an international, vendor-neutral certification that proves competency in system security, network infrastructure, access control and organizational security. Major organizations that employ CompTIA Security+ certified staff include Booz Allen Hamilton, Hewlett-Packard, IBM, Motorola, Symantec, Telstra, Hitachi, Ricoh, Lockheed Martin, Unisys, Hilton Hotels Corp., General Mills, the U.S. Navy, Army, Air Force and Marines.
March 2014	Online Course: Cryptography 1, Stanford University through Coursera Inc., < https://www.coursera.org >
April 2014	Online Course: Computer Networks, University of Washington through Coursera Inc., < https://www.coursera.org >
October 2014	Certificate for Expert Witness, number 07-3408/2, in the field of Technical Sciences issued by the Ministry of Justice of the Republic of Macedonia on 28 th of October, 2014.
July 2017	Certificate for successfully completing the training course provided by Cybrary in “ISC2 CISSP”, certificate number C-e2911087d2-5517b2, https://www.cybrary.it/ .

July 2017	Certificate for successfully completing the training course provided by Cybrary in “Web Application Penetration Testing”, certificate number C-e2911087d2-1d0c451, https://www.cybrary.it/ .
August 2017	Certificate for successfully completing the training course provided by Cybrary in “Incident Response and Advanced Forensics”, certificate number C-e2911087d2-efc0bb, https://www.cybrary.it/ .
January 2018	Certificate for successfully completing the rigorous requirements and testing set forth by cybrary and cybrary’s education committee, establishing proficiency in the following skill “Privileged Password Security”, Certification Number SC-e2911087d2-dea149, https://www.cybrary.it/ .
February 2018	Certificate for successfully completed course “Certified Ethical Hacker v9” from EC-Council.
December 2019	Certificate for successfully completed course “Kali Linux Fundamentals” certificate number CC-a6dfcc08-8258-4cc8-a4cf-a4d179d172e8 , issued by Ralph P. Sita, CEO, https://www.cybrary.it/ .
July 2020	Certificate for successfully completed all requirements and criteria for “ Certified Ethical Hacker v10 ” certification through examination administered by EC-Council.
August 2020	IEEE Senior Member, iee.org .
November 2022	Certified EC-Council Instructor
December 2022	ThriveDX Cyber Security Bootcamp Manager and Instructor
July 2024	Certificate for successfully completed course “Certified Ethical Hacker v11” from EC-Council.
July 2024	Certificate for successfully completed course “Digital Forensics Essentials (DFE) v1” from EC-Council.
July 2024	Certificate for successfully completing course “Computer Hacking Forensic Investigator” from EC-Council
November 2024	Certificate for successfully completed course “Certified Chief Information Security Officer” from EC-Council.
April 2026	Certificate for successfully completed course “Artificial Intelligence Essentials” from EC-Council.

PROJECTS

- Participant in the project for development and implementation of “National Intelligence Database”, sponsored by Ministry of Interior, 2008.
- Participant in the project for development and implementation of “Interoperability of the registries and databases of the state administration bodies”, sponsored by Ministry of Information Society, 2008.
- Participant in the project “DL@WEB – Enhancing the quality of distance learning at Western Balkan higher education institutions”, TEMPUS, University of Kragujevac, Serbia, 2010-2013.
- Participant in the project “Free teaching web resources for visually impaired people”, carrier: Faculty of Informatics, FON University, financed by UNESCO (September 2012 – December 2013).
- Participant in the project “Implementation of fuzzy logics in personalized adaptive systems for e-learning”, Ministry of Education and Science of Republic of Macedonia and Montenegro (2016 – 2018).

- Participant in the project “Development of an Aeroponic System for Production of Pharmaceutical Plants” financed by the Fund for Innovation and Technology Development (15.04.2019 – 14.04.2020).
- Participant in the project “Intelligent Agriculture using IoT Technology” for development of software solutions financed by the Fund for Innovation and Technology Development (01.10.2020 – 30.09.2021).
- Participant in the project “Development of a Machine Learning Based Plant Disease Detection System” in the part of developing management algorithms and structures, financed by the Fund for Innovation and Technology Development, starting from 30.06.2023.
- Participant in the project “North Macedonian Safer Internet Centre – MKSafeNet, sponsored by EU with ID 101158811”, starting from September, 2024 to March, 2026.
- Participant in the project “European Digital Innovation Hub INNOFEIT (EDIH) financed by DIGITAL-2023-EDIH-04”, 2025-2028.

ACTIVITIES in Scientific Journals and Conferences

December 2011 – ongoing:	Reviewer of the Journal of Internet and Information Systems, ISSN: 2141-6478, http://www.academicjournals.org/journal/JIIS .
November 2012 – ongoing:	Reviewer of the Wireless Networks, The Journal of Mobile Communication, Computation and Information, ISSN: 1022-0038, Thomson Reuters JCR 2014 Impact Factor: 0.961, http://www.edmgr.com/WINE/default.aspx .
August 2015 – ongoing:	Member of the Program Committee of ETAI (Society for Electronics, Telecommunications, Automation and Informatics).
January 2016 – ongoing:	Reviewer of the Journal of Electrical Engineering, ISSN: 2328-2223, http://www.davidpublisher.org/Home/Journal/JEE .
January 2016 – ongoing:	Reviewer of the IEEE Communications Magazine, IEEE Communications Society, ISSN: 0163-6804, Thomson Reuters Journal Citation Report Impact Factor: 4.007, http://www.comsoc.org/commag .
February 2016 – ongoing:	Reviewer of the IET Communications, Print ISSN: 1751-8628, Thomson Reuters Journal Citation Report Impact Factor 2014/2015: 0.742, http://digital-library.theiet.org/content/journals/iet-com .
April 2016 – ongoing:	Member of the Editorial Board of the Macedonian journal of informatics InForma, ISSN 1409-5122.
June 2016 – ongoing:	Reviewer of the Ingeniería e Investigación Journal, Print ISSN 0120-5609.
January 2018 – ongoing:	Reviewer of the “IEEE Access – The Multidisciplinary Open Access Journal”, http://ieeaccess.ieee.org/ .
January 2018 – ongoing:	Reviewer of the “International Journal of Sensors, Wireless Communications and Control”, https://benthamscience.com/journals/international-journal-of-sensors-wireless-communications-and-control/ .
October 2018 – ongoing:	Reviewer of the journal “Proceedings of the IEEE”, http://proceedingsoftheieee.ieee.org/ .
2024-2025	Keynote Speaker in International Conference – Confluence 2024, “Trends in Cyber Risk Management”, 14 th International Conference themed on “Cloud Computing, Data Science & Engineering, amity.edu/asset/confluence2024 , January 18, 2024. Keynote Speaker in Confluence 2025.

AREAS OF INTEREST

- Wireless and Mobile Networks
- Cyber Security
- Design of Telecommunication Networks
- Digital Signal Processing
- Cryptography
- Information Security
- Computer Networks
- Digital Telecommunications
- Digital Forensics
- AI in Cybersecurity

PUBLISHED RESEARCH PAPERS

ITU Lectures and Talks

1. Kire Jakimoski, "Performances of High Speed Packet Access in 3GPP Mobile Networks", ITU Workshop on 3G-HSPA & LTE: Towards the Next Generation of Mobile Networks, Skopje, Macedonia, 3-5 February 2010.

International journals:

2. T. Janevski, K. Jakimoski, "Comparative Analysis of Packet Scheduling Schemes for HSDPA Cellular Networks", Pages: 2-5, Telfor Journal (ISSN 1821-3251) Vol.1 No.1, 2009.
3. K. Jakimoski, T. Janevski, "Vertical Handover Decision Algorithm from WiMAX to WLAN based on the Mobile Node's Speed and the Session's Priority", International Journal of Advanced Science and Technology, Vol. 49, December, 2012.
4. Kire Jakimoski, Toni Janevski, "Improvement of the QoS for WiMAX Service Classes", Tem Journal, Vol. 2, No. 2, pp. 107-114, May 2013.
5. K. Jakimoski, T. Janevski, "Priority Based Uplink Scheduling Scheme for WiMAX Service Classes", International Journal of Information Technology and Computer Science (IJITCS) Vol. 5, No. 8, pp. 66-74, July 2013.
6. K. Jakimoski, T. Janevski, "Vertical Handover Decision Algorithm from WWAN to WMAN or WLAN Environments", International Journal of Advanced Science and Technology, Vol. 56, July, 2013.
7. K. Jakimoski, "Analysis of the Usability of M-Commerce Applications", International Journal of u- and e- Service, Science and Technology, Vol. 7, No. 6, pp. 13-20, December, 2014.
8. E. Doko, K. Jakimoski, "Proposed Module for Gynecological Integration – Preventive Measures in the Electronic Health in Republic of Macedonia", International Journal of Bio-Science and Bio-Technology, Vol, 7, No. 1 pp. 81-92, February, 2015.
9. K. Jakimoski, T. Janevski, "Radio Access Technology Selection and Vertical Handover Decision Algorithms for Heterogeneous Mobile and Wireless Networks", Ad Hoc & Sensor Wireless Networks, Impact Factor ISI Web of Knowledge 0.478, Vol. 27, Issue 1-2, pp. 95-109, May, 2015.
10. K. Jakimoski, V. Bogoevski, D. Kochov, "Carrier-Class VPN to Cloud Evolution", International Journal of Grid Distribution Computing, Vol. 8, No. 6, pp. 41-48, December, 2015.
11. K. Jakimoski, "Security Techniques for Data Protection in Cloud Computing", International Journal of Grid Distribution Computing, Vol. 9, No. 1, pp. 49-56, January, 2016.
12. K. Jakimoski, "Challenges of Interoperability and Integration in Education Information Systems", International Journal of Database Theory and Application, Vol. 9, No. 2, February, 2016.

13. K. Jakimoski, S. Arsenovski, L. Gorachinova, S. Chungurski, O. Iliev, L. Djinevski, E. Kamcheva, "Measurements of Available Bandwidth in Computer Networks", *International Journal of Grid and Distributed Computing*, Vol. 9, No. 4, pp. 201-210, April, 2016.
14. Kire Jakimoski, Slavcho Chungurski, Sime Arsenovski, "Evaluation of the Caching Placement Algorithms in Named Data Network for Video on Demand Service", *International Journal of Future Generation Communication and Networking*, Vol. 9, No. 6, pp. 99-112, June, 2016.
15. Kire Jakimoski, Sime Arsenovski, Slavcho Chungurski, Oliver Iliev, "Performance Analysis of Reprogramming Algorithms in Wireless Sensor Networks", *International Journal of Future Generation Communication and Networking*, Vol. 9, No. 7, pp. 123-134, July, 2016.
16. O.L.Iliev, K. Jakimoski and A. Zakeri, "Intelligent Supervisory Control of Discrete Event Systems - A Holon based Approach", *Journal of Emerging Research and Solutions in ICT*, Vol.1, No.2, 75–85, 2016.
17. K. Jakimoski, O. Iliev, V. Bogoevski and D. Kochov, "Cloud-Based Platform Solution for 5G Heterogeneous Networks", *International Journal of Future Generation Communication and Networking*, Vol. 9, No. 9, pp. 267-278, September, 2016.
18. L. Lazareska, K. Jakimoski, "Analysis of the Advantages and Disadvantages of Android and iOS Systems and Converting Applications from Android to iOS Platform and Vice Versa", *American Journal of Software Engineering and Applications* Volume 6, Issue 5, October 2017, Pages: 116-120.
19. Arifin, M., Kaosar, M. G., Shorfuzzaman, M., **Jakimoski, K.** (2022). A New Handover Management Model for Two-Tier 5G Mobile Networks. *CMC-Computers, Materials & Continua*, 71(3), 5491–5509.
20. F. Gjorgjeviki, K. Jakimoski, "System Monitoring Addon Analysis in System Load Simulation", *International Journal of Computer Network and Information Security*, Volume 14, No. 1, February 2022, Pages: 40-51, DOI: 10.5815/ijcnis.2022/01/04.
21. Kire Jakimoski, Zorica Stefanovska, Vekoslav Stefanovski, "Optimization of Secure Coding Practices in SDLC as Part of Cybersecurity Framework", *Journal of Computer Science Research*, Volume 4, No. 2, April, 2022, ISSN: 2630-5151, DOI: <https://doi.org/10.30564/jcsr.v4i2.4048>.
22. Kire Jakimoski, Adam Bennett, Adam Holliday, "Positioning Cyber Security Risk Management Within a Consolidated Security Platform", Ebook: Building Cyber Resilience against Hybrid Threats, Series: NATO Science for Peace and Security Series -D: Information and Communication Security, Volume 61, 2022, ISBN: 978-1-64368-292-1 (print) | 978-1-64368-293-8 (online).
23. Kire Jakimoski, Blagoja Chavkovski, "Analysis of the New Generation source-to-source Compilers Using the Google Web Toolkit", *International Journal of Information Engineering and Electronic Business (IJIEEB)*, Vol.14, No.5, pp. 32-41, 2022. DOI:10.5815/ijieeb.2022.05.0
24. Jakimoski, Kire, Mitko Bogdanoski, Aleksandar Risteski, Dimitar Bogatinov, and Goce Stevanoski. "A Scalable and Adaptable Asset-Based Cyber Risk Assessment Tool for All Types of Organisations." *Information & Security* 55, no. 1 (2024): 32-43.
25. Petrov, Ivan, Kire Jakimoski, Toni Janevski, and Stojan Kitanovski. "Telco's Perspective View of Open RAN in 6G Networks." *SOUTH EAST EUROPEAN JOURNAL OF SUSTAINABLE DEVELOPMENT – SEEJSD* 9, no. 2 (2025): 53–59.
26. Kitanov, Stojan, Ivan Petrov, Kire Jakimoski, and Toni Janevski. "Overview of Dew Computing." *Journal of Computer Sciences and Mathematics* 1, no. 2 (2025): 7–12.
27. Boseski, I., I. Petrov, K. Jakimoski, and A. Ilieva. "Evolution of Channel Parameters' Performance in an Urban Setting for Next Generation Mobile Networks." *Journal of University of Information Science and Technology 'St. Paul the Apostle' – Ohrid* 5, no. 1 (2025): 27–34.

International conferences:

28. T. Janevski, K. Jakimoski, "Comparative Analysis of Packet Scheduling Schemes for HSDPA Cellular Networks", 16-th Telecommunications Forum TELFOR 2008, Serbia, Belgrade, November 25-27, 2008.
29. K. Jakimoski, T. Janevski, "QoS Analysis of Packet Scheduling Algorithms for HSDPA Mobile Networks", IWT 2009, International Workshop on Telecommunications, São Paulo – Brazil, February 16th – 19th 2009.
30. K. Jakimoski, T. Janevski, "Performances of Vertical Handovers for Multimedia Traffic between WLAN, WiMAX and 3G Mobile Networks", ICST MobiMedia 2009, 5th International Mobile Multimedia Communications Conference, London, United Kingdom, 7th-9th.09.2009.
31. K. Jakimoski, T. Janevski, "Throughput Behaviour During Vertical Handovers between Heterogeneous Wireless Networks", Ninth National Conference with International Participation – ETAI 2009, Ohrid, Republic of Macedonia, 26-29 IX 2009.
32. K. Jakimoski, T. Janevski, "Performance Analysis of ertPS Traffic in IEEE 802.16e Standard", 9th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services, Serbia, Nis, October 7 - 9, 2009.
33. T. Janevski, K. Jakimoski, "Packet Scheduling for HSDPA Mobile Networks", GMC 2009, Global Mobile Congress, China B3G and 4G Mobile Summit, Shanghai – China, October 12 –14, 2009.
34. T. Janevski, K. Jakimoski, "Scheduling Optimization in HSDPA Networks Simulating Maximum Terminal Capabilities", 17-th Telecommunications Forum TELFOR 2009, Serbia, Belgrade, November 24-26, 2009.
35. K. Jakimoski, T. Janevski, "Analysis of Voice over IP during Vertical Handovers in Heterogeneous Wireless and Mobile Networks", 7-th International Conference for Informatics and Information Technology (CIIT2010), Bitola, Macedonia, February 24-27, 2010.
36. K. Jakimoski, T. Janevski, "Cross-Layer Optimization in Heterogeneous Wireless and Mobile Networks", Scientific – Professional Symposium INFOTEH@-JAHORINA 2010, Jahorina, Bosnia and Herzegovina, March 17-19, 2010.
37. K. Jakimoski, T. Janevski, "QoS Challenges of Real Time Traffic during UMTS/WiMAX/WLAN Vertical Handovers", 18-th Telecommunications Forum TELFOR 2010, Serbia, Belgrade, November 23-25, 2010.
38. Kire Jakimoski, Toni Janevski, "Improving the VoIP Performances during Vertical Handovers between WiMAX and WLAN", 10th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services, Serbia, Nis, October 5 - 8, 2011.
39. K. Jakimoski, T. Janevski, "Improving the Vertical Handover Latency for VoIP between WLAN and WiMAX Networks", 19-th Telecommunications Forum TELFOR 2011, Serbia, Belgrade, November 22-24, 2011.
40. K. Jakimoski, T. Janevski, "Mobility Sensitive Admission Control Algorithm for WiMAX-WLAN Vertical Handovers", ICT Innovations 2012, Ohrid, Macedonia, September 12-15, 2012.
41. T. Janevski, K. Jakimoski, "Mobility-based Traffic Offload from WiMAX to WLAN", IEEE SCVT 2012, 19th IEEE Symposium on Communications and Vehicular Technology in the Benelux, Eindhoven, November 16, 2012.
42. T. Janevski, K. Jakimoski, "Mobility Sensitive Algorithm for Vertical Handovers from WiMAX to WLAN", 20-th Telecommunications Forum TELFOR 2012, Serbia, Belgrade, November 20-22, 2012.
43. K. Jakimoski, T. Janevski, "Performance Analysis of the Real Time Service Classes in Mobile WiMAX", CIIT 2013, Bitola, 18-21 April 2013.
44. K. Jakimoski, T. Janevski, "Vertical Handover Decision Algorithm from WMAN to WWAN or WLAN Networks", XI International Conference – ETAI 2013, Republic of Macedonia, 26-28 September 2013.
45. Kire Jakimoski, Toni Janevski, "Vertical Handover Improvements from WLAN to WMAN or WWAN Technologies", 11th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services – TELSIS 2013, Nis in October 16 - 19, 2013.

46. K. Jakimoski, V. Gjurovski, "Impact of the ACS, Carrier Frequency and Bandwidth in LTE Mobile Networks on the Average Bitrate Loss of the Reference Cell and of the Active Users", XII International Conference – ETAI 2015, Republic of Macedonia, 24-26 September 2015.
47. K. Jakimoski, S. Arsenovski, L. Gorachinova, S. Chungurski, O. Iliev, L. Djinevski, E. Kamcheva, "Evaluation of Caching Techniques for Video on Demand in Named Data Networks", 39 International Convention on Information and Communication Technology, Electronics and Microelectronics, May 30 – June 3, 2016, Opatija, Croatia.
48. Lj. Vuchkovska, K. Jakimoski, "Improvements in the Quality of Service during Vertical Handovers between WiMAX and WLAN", 25-th Telecommunications Forum TELFOR 2017, Serbia, Belgrade, November 21-22, 2017.
49. A. Andonoska, K. Jakimoski, "Performance Evaluation of Mobile Applications", XIV International Conference – ETAI 2018, Republic of Macedonia, 20-22 September, 2018.
50. K. Jakimoski, N. Singhai, "Improvement of Hardware Firewall's Data Rates by Optimizing Suricata Performances", 27-th Telecommunications Forum TELFOR 2019, Serbia, Belgrade, November 26-27, 2019.
51. Igor Tasevski, Kire Jakimoski, "Overview of SQL Injection Defense Mechanisms", 28-th Telecommunications Forum TELFOR 2020, Serbia, Belgrade, November 24-25, 2020.
52. Kire Jakimoski, "Risk Management Trends in Cyber Security", A Comprehensive Approach in Countering Transnational Terrorism: Global Terrorism Challenges and Responses, EU-Funded Twinning Project: Strengthening the prevention/counter violent extremism and counterterrorism coordination capacities, Macedonia, Skopje, AUE-FON, December 3, 2021
53. K. Jakimoski, T. Chaalan, "Visualization of Malware Families for Deep Learning Technology", ICMCIS 2023 Proceedings, Macedonia, Skopje, May 16-17, 2023.
54. G. Stevanoski, M. Kachurova, M. Porjazoski, A. Risteski, K. Jakimoski, "Evaluation of a Loss-Sensitive Autoencoder – A Deep Learning Model for Malicious Network Traffic Detection", 11-th International Scientific Conference COMPUTER SCIENCE, Bulgaria, Sozopol, 18-20 September, 2023.
55. Kire Jakimoski, "Automation Improvement in Cyber Risk Management", Special Session on Security and Digital Forensics I, 31st International Conference on Software, Telecommunications and Computer Networks (SoftCOM 2023), Croatia, Split, September 21-23, 2023.
56. Jakimoski, Kire, et al. "Cyber Risk Management Tool for Improving the Cybersecurity Maturity in the Companies", 13th International Conference on Applied Internet and Information Technologies, October 13, 2023, https://aiitconference.org/files/Proceedings_AIIT2023.pdf.
57. Stevanoski, Goce, Monika Kachurova, Marko Porjazoski, Aleksandar Risteski, and Kire Jakimoski. "Evaluation of a loss-sensitive autoencoder-a deep learning model for malicious network traffic detection." In *2023 International Scientific Conference on Computer Science (COMSCI)*, pp. 1-5. IEEE, 2023.

Published books:

58. Kire Jakimoski, Toni Janevski, "Quality of Service in Heterogeneous Mobile and Wireless Networks", LAP LAMBERT Academic Publishing, July 17, 2013.
59. Kire Jakimoski, Практикум и збирка задачи за предметот компјутерски мрежи", <https://plus.cobiss.net/cobiss/mk/mk/bib/59052037#full>, ISBN: 978-608-4506-42-3, COBISS.MK-ID: 59052037, Skopje: American University of Europe - FON, 2022.
60. Kire Jakimoski, Mitko Bogdanoski. *Telecommunications*. Skopje: Military Academy "General Mihailo Apostolski", 2025.
61. Ojha, Nitish Kumar, and Kire Jakimoski. "Virtual Healthcare Using AI and Cyber Security Challenges." In *Leveraging AI for Inclusive and Equitable Development*, pp. 45-66. IGI Global Scientific Publishing, 2026.