



LEPL - David Aghmashenebeli National Defence Academy of
Georgia



Personal Information

Ketevan Kveselava, Date and place of birth: **12.07.1974**, Tbilisi, Contact: **555828899**, Address: **Ana Politkovskaia 6a , Apartment N 7a**, Tbilisi

Education

Education:

1995-2002: Georgian Technical University; Department of Transport and Mechine Engineering; Specialty: Folk Art Craft, Antique Restoration, Goldsmithery and Design.

2001-2006: Georgian Technical University; Department of Transport and Mechine Engineering; Specialty: Light Industry, Master's degree.

2008-2012: Georgian Technical University; Department of Informatics and Management Systems; Specialty: Computer Engineering (in Informatics), PhD.

Workplace, experience

2022-present - Chief Scientist, Scientific Research Center, David Aghmashenebeli National Defence Academy.

2019-present - Professor of the Department of Informatics and Management Systems, Georgian Technical University.

2016-2021 - Curator of Programs, Department of Engineering Economics, Media Technologies and Social Sciences, Georgian Technical University.

2015-2019 - Associate Professor of the Department of Informatics and Management Systems, Georgian Technical University.

2009-2015 - Assistant Professor, Department of Informatics and Management Systems, Georgian Technical University.

2006-2008 – Teacher, Humanitarian-Technical Department, Georgian Technical University.

Courses and trainings taken

1. Company/Institution: International Scientific Publishing House– Elsevier, Direction: „**Reliable Engineering Information and Material Property Data Just One Click Away – Interactive Hands-on Workflows in Knovel**“– 06.05.25
2. Company/Institution: International Scientific Publishing House– Elsevier, Direction: „**Unlocking the Power of Scopus AI: Comprehensive Introduction and Live Demonstration**“, 06.05.25
3. Company/Institution: International Scientific Publishing House– Elsevier, Direction: „**Scopus for authors: Journals, Metrics, and Research Impact**“, 17.05.25
4. Company/Institution: International Scientific Publishing House– Elsevier, Direction: „**Reaxys Open Office Webina**“, 15.05.25
5. Company/Institution: International Scientific Publishing House– Elsevier, Direction: „**Getting started with SciVal - An overview!**“– 15.05.25
6. Company/Institution: International Scientific Publishing House– Elsevier, Direction: „**Find trusted information for Life Sciences with Knovel**“– 02.05.25.
7. Company/Institution: International Scientific Publishing House– Elsevier, Direction: „**Maximising Research Efficiency: Navigating Key Research Tools for Optimal Academic Content**“– 02.05.25 √.
8. Company/Institution: International Scientific Publishing House– Elsevier, Direction: „**Maximizing your Knovel experience: user accounts and Personalization**“ – 09.10.24 .
9. Company/Institution: International Scientific Publishing House– Elsevier, Direction: „**Introduction to Scopus**“ 01.10.24
10. Company/Institution: International Scientific Publishing House– Elsevier, Direction: „**Progress Toward Gender Equality in Research&Innovation**“– 12.06.24.

11. Company/Institution: International Scientific Publishing House– Elsevier, Direction: „**Discover ScienceDirect Topics**“, 28.05.24
12. Company/Institution: International Scientific Publishing House– Elsevier, Direction: Academic Rankings Landscape: Changes and Trends“ 18.04.24
13. Company/Institution: International Scientific Publishing House– Elsevier, Direction: „**How to find relevant literature in Scopus**“, Date: 09. 04. 2024, Country: Georgia
14. Company/Institution: International Scientific Publishing House– Elsevier, Direction: „ScienceDirect: Straight to the point, or how to search scientific literature in a full-text database“, Date: 14. 11. 2023, Country: Georgia
15. Company/Institution: International Scientific Publishing House– Elsevier, Direction: „**Scopus – a brief overview**“, Date: 22. 11. 2023, Country: Georgia
16. Company/Institution: International Scientific Publishing House– Elsevier, Direction: "**Choosing the right magazine**", Date: 18.10. 2023, Country: Georgia
17. Company/Institution: International Scientific Publishing House– Elsevier, Direction: "**Bibliometric indicators of the scientist in Scopus**", Date: 25.10. 2023, Country: Georgia
18. Company/Institution: planned under the auspices of the Association for Science, Direction: "**Information technologies in science**", Date: 25.07-02, 08-02, 2023 y. , Country: Georgia
19. Company/Institution: planned under the auspices of the Association for Science, Direction: "**Information technologies in science**", Date: 25.07-02, 08-02, 2022 y. , Country: Georgia
20. In the training "**Regarding scientific journals - General requirements for journal indexing**" organized by the Integrated Network Consortium, 31.08.2022-03.09.2022
21. Georgian Technical University, Erasmus + project "Active training using information / communication technologies" 04. 03.2019-09.03.2019;
22. Georgian Technical University, Erasmus + Project "Changes in the Classroom" promoting Innovative Teaching and Learning in order to improve Student Learning Experience in Eastern Partnership Countries, Training Course "Active Learning in Reversed Learning", 11.03.2019-15.03.20
23. Georgian Technical University, Erasmus + Project "Changes in the Classroom" promoting Innovative Teaching and Learning in order to improve Student Learning Experience in Eastern Partnership Countries, Training Course "Mixed / Fibril Teaching and Learning, 04. 03.2019-09.03.2019
24. Georgian Technical University, innovative teaching methods within the framework of the PRINTEL project of the EU Erasmus + program, in order to offer additional opportunities for professional development of teachers. "Video as a teaching tool for teachers and students" "Active learning in the Flipped Classroom" 2019. March 21-26
25. International Cooperation Project "Local Leaders for Innovative Education" Training entitled - Creativity in Education: Methodology and Tools in Everyday School Practice; May 22-24
26. International Cooperation Project "Local Leaders for Innovative Education" Training entitled - Innovative Education Tools: Methodology and tools: Simulations, games, role play in teaching 2013. June 24-26.
27. International Collaborative Project "Local Leaders for Innovative Education" Training entitled - Creativity in Education: Methodology, Effectiveness, Impact on Values, Student Behavior and Attitudes Towards Learning 2013. April 24-26.

Knowledge of languages

Native language Georgian, Fluent Russian, Satisfactory English

computer programs

Computer Programs: Ms.Office, 3Dmax, CorelDraw, Adobe-photoshop, Blender

Scientific papers published in local journals (Last 10 years)

1. Ketevan Kveselava, "**Modern State of Artificial Intelligence**", Journal of „PAPERS“, №2, 2024.
2. Ketevan Kveselava, „**Information technologies of the XXI century**“, Journal of „PAPERS“, №1, 2023.
3. Ketevan Kveselava, Ramaz Chichua, Maia Gamsakhurdia, „**Modern distance education in 21st century**“, Quarterly peer-reviewed scientific journal "Education" No. 3 (34) 2021.
4. Ketevan Kveselava, Irakli Bochorishvili, Khatuna Bardavelidze, Liana Tedeshvili, „**Multimedia project as an interactive of communication**“ Journal of „Ganatileba“ №1(32) 2021 y.
5. Nikoloz Bzhalava, Ketevan Kveselava, „**Comparative Analysis of Flash and TML5 Technologies**“, Journal of „Business Engineering“ (1-2) 2017
6. Ketevan Kveselava, „**PROJECT PLANNING AND MANAGEMENT**“, Scientific Journal „Historical Verticals“, №35-36. 2016. p. 443-447.

7. Ketevan Kveselava, „ETHICAL BEHAVIOR AND BUSINESS INTERESTS,, - Scientific Journal „Historical Verticals“, №35-36. 2016. p. 277-281.
8. Ketevan Kveselava, Rolling information technologies in the modern economy and business Business Engineering (2) 2014
9. "Creation of Technical Terminological Dictionary of Georgian-English-Russian languages" Georgian Technical University. Collection of Works No. 3 (493), 2014
10. "Georgian National Clothing " Scientific Competition "Culture and Society" 2013
11. Establishing a database of ritual objects based on CAD/CAM systems 2013
12. Gender: Problems and Perspectives (Journal of Business Engineering) (6) Technologies of International Scientific Conference "World and Caucasus" 2013 year.
13. „Multimedia technologies. Conditions and factors affecting the culture of multimedia systems and technologies“, Business Engineering (4) 2013
14. Computer Graphics and Spreading Applications 2013 (Tbilisi Open Teaching University Workshop # 4) 2013
15. Multimedia Technologies as a Virtual and Realistic Environment (Magazine Parallel # 5)
16. Management Process and System (Journal of Business Engineering) (5) 2013.
17. Georgian woman and Georgian clothes magazine. of Georgia. Works of International Scientific. " Conference of Technical University 2012 Special Edition. 1
18. Analysis of the Functional Scheme of the Automated Process of the Iconographic Scenario [Georgian Electronic Science Report]. 2012 [Http: //Internet-internet.ge](http://Internet-internet.ge) p. 62-72
19. "Form-Liaison of Color Symbols used in Cloth's and Clothes on Graphic Models" (Journal of Business Engineering) (3) p. 129-133, 2012.
20. "Mathematical Model of Mathematical Mathematical Records for Optimal Solution of Loaded in Power Systems Networks" (Journal of Business Engineering) (4) sec p.129-133, 2012.
21. Analyzing the technologies of computer validation technologies and tasks for enhancing the effectiveness of design automation. [Journal Engineering Updates]. 2011
22. Some methodological issues pertaining to automated artistic embroidery. Journal Engineering Updates. 2011
23. Principles of Contemporary Dictionaries and Contemporary Visions - Works of Georgian International Scientific Conference of University of Georgia (Anniversary Dedicated to 10-Year Anniversary) 2011
24. "Development of the concept of building a support system for decision making in the housing and communal sphere" is an article in the Georgian Technical University, scientific works collection. # 4 (474) p. 86-91 2009
25. Socio-economic development of the city and recognition of housing and communal reforms is an article in the Georgian Technical University scientific work collection. # 4 (474) pp, 81-85 2009

Scientific papers published in international journals (Last 10 years)

1. Ketevan Kveselava; Irakli Bochorishvili; Liana Tedeshvili; Levan Jikidze, „**Multimedia in education: what do students think?**“, J. „Georgian Scientists“, Vol. 6 Issue 1, 2024, <https://doi.org/10.52340/g.s.2024.06.02.03>
2. Ketevan Kveselava, Irakli Bchorishvili, Liana Tedeshvili, Levan Zhikidze Zurab Samkhardze "**Comparative study of engineering design approaches and topology optimization tools**" electronic journal "Georgian for Science" Vol. 5 no. 4 (2023). doi.org/10.52340/2023.05.04.06
3. Ketevan Kveselava; Irakli Bochorishvili; Liana Tedeshvili; Levan Jikidze, „**Aspects of the impact of information communication technologies on adolescents**“ Electronic magazine "Georgian for scientists" Vol. 5 No. 1 (2023) orcid.org/0000-0002-1318-2750, doi.org/10.52340/g.s.2023.05.01.23
4. Tinatin Kropadze, Ketevan Kveselava, „**Historical, Theoretical and Methodological Aspects of Conflicts**“, Journal „Defence and Science“, Published David Aghmashenebeli National Defence Academy of Georgia 2023y. DOI: <https://doi.org/10.61446/ds.2.2023.7399>
5. Ketevan Kveselava, Levan Jikidze, „**Modern History of Generative Design**“, Journal of „Ganatileba“ №2(41) 2023y. <https://gtu.ge/Journals/newsletters/gamocemebi.htm>

Reports made in local scientific conferences (Last 10 years)

1. "The role of artificial intelligence in website creation", Scientific-practical conference, "Global Challenges of Modernity" 01.05.25
2. „**What Is the Future of Generative Design in Manufacturing?**“, Scientific-practical conference on topical issues of 2023" Davit Aghmashenebeli National Defense Academy of Georgia, November 2, 2023;
3. „**Information and Communication Technologies as a Component of Pedagogical Research and Means of Their Application**“ Scientific-practical conference "Psychology and Modernity" Georgian National Defense Academy named after Davit Aghmashenebeli, 2023. May 18,;

4. „Didactic principles of distance learning“, Scientific-research conference "The role of communication in management processes and its psychological aspects" 2022. August 2 Davit Agmashenebeli National Defense Academy of Georgia;
5. "Explanatory dictionary of Georgian-English-Russian general technical terminology" (e-version) Sak. Tech. Faculty of Business Engineering of the University Open Diplomacy Association Scientific journal "Government and Society" (History, Theory, Practice) International Conference "Government and Society", 2013 November 17-18;

Reports made in international scientific conferences (Last 10 years)

1. "Smart Weapons: The Future of Artificial Intelligence in Military Affairs", International Scientific-Practical Conference "Modern Challenges and Achievements in Information and Communication Technologies – 2024", 01.11.24
2. **Problems of human-computer activity**“ Second International Conference Modern World Challenges: Regulating Human Rights, Social Security, and Welfare in Contemporary Multicultural World, December 28, 2022
3. „Psycho-social characteristics of an „ideal“ commander“, International scientific-practical conference, Conference Chair & Deputy Chair, Turkey, Kastamonu University, October 21-22, 2022.
4. "Why human-computer interaction?", GTU international scientific-practical conference "Innovations and modern challenges - 2022", November 18-19, 2022.
5. „The Technical Side of Distance Education and Its Management“, THE 12th INTERNATIONAL RESEARCH CONFERENCE ON EDUCATION, LANGUAGE AND LITERATURE, 2022.
6. "Cyber security analysis of critical information infrastructure objects" Tenth international scientific conference "World and Caucasus", Stu, Tb., 2021.
7. "Multimedia project - use of modern technologies to increase the interactivity of communication" Ninth International Scientific Conference "World and Caucasus", Stu, Tb., 2020.
8. "Georgia in the Modern Global Space", Eighth International Scientific Conference "The World and the Caucasus", Stu, Tb., 2019.
9. "Computer graphics in social context" International scientific conference "World and Caucasus" of Tech University and "Georgian Academy of Social Sciences", 2018.
10. "The role of information technologies in the development of tourism", international scientific conference "World and Caucasus", Stu, Tb., 2017.
11. "Methods of positioning and compression of sound", international scientific conference "World and Caucasus", Stu, Tb., 2016.
12. "Export of Georgian nuts to the world market" Third International Conference of Tech University and Akaki Tsereteli State University "Modules of National Economy Development Yesterday Today Tomorrow", 2015 (October 16-17)
13. „Медиаменеджмент условиях экономических и политизированных обществ“ Third International Scientific Economic Conference "Models of National Economy Development: Yesterday, Today, Tomorrow", Stu, Tb., 2015.
14. „ИСПОЛЬЗОВАНИЕ МЕДИЯМЕНЕДЖМЕНТА В ЭКОНОМИЧЕСКОМ И ПОЛИТИЧЕСКОМ СООБЩЕСТВЕ“ , I International Scientific-Practical Conference "Modern Management: Problems, Hypotheses, Research" Batumi Navigation Training University dedicated to the International Day of Seafarers (June 24-25, 2015) Batumi;
15. „ВОПРОСЫ ОБЕСПЕЧЕНИЯ АУТЕНТИЧНОСТИ ВЫШИВКИ И ДЕКОРАТИВНЫХ АКСЕССУАРОВ НАЦИОНАЛЬНОЙ ОДЕЖДЫ НА ОСНОВЕ САД/САМ ТЕХНОЛОГИИ (СОВРЕМЕННАЯ ПАРАДИГМА)“ XVII международная научно-практическая конференция "ФУНДАМЕНТАЛЬНЫЕ И ПРИКЛАДНЫЕ ИССЛЕДОВАНИЯ, РАЗРАБОТКА И ПРИМЕНЕНИЕ ВЫСОКИХ ТЕХНОЛОГИЙ В ПРОМЫШЛЕННОСТИ И ЭКОНОМИКЕ" 2014 г Санкт-Петербург, (Россия;)
16. „Multimedia Technologies in Education“, Georgian Tech University International Conference "Modules for National Economy Development: Yesterday, Today, Tomorrow", GTU, Tbilisi, October 17-18, 2013;
17. "Georgian Women Politicians", Proceedings of the International Scientific Conference "World and Gender-2" of the Georgian Tech University. 2013. Special Edition. 1 pp. 40-46;
18. "Gender: Problems and Perspectives" Proceedings of the International Scientific Conference "World and Caucasus" of the Georgian Tech University. 2013;
19. "Georgian Woman and Georgian Clothing", International Scientific Conference "Gender and Modernity", Tbilisi, GTU, Collection of Works, Special Edition, 2012.03.11
20. "Development of an expert system supporting the automated embroidery technological process", International Scientific and Technical Conference "Automated Control Systems and Modern Information Technologies", Tbilisi, GTU, Proceedings, 2011, 06.20

21. **"Principles and Modern Vision of Compiling an Educational-Scientific Dictionary"**, International Conference Dedicated to the 10th Anniversary of the GTU Theological Educational-Scientific Center "The Past is the Indwelling Foundation of the Present, as the Present of the Future", (Ilia Marty), Tbilisi, 2011.11.14

Translated and edited books, Monograph

1. „გენერაციული დიზაინი“, ISBN 978-9941-8-7481-9, 2025 წ.
2. **"Information and Communication Technologies as a Component of Pedagogical Research and Its Psychological-Pedagogical Analysis"**, ISBN 978-9941-8-7483-3, 2025.
3. Group of authors, **„Total (comprehensive) defense as a determining factor for the stability of Georgia's defense and security“**, ISBN 978-9941-8-6814-6, 2024.
4. **"Development and development of distance learning educational resources"** ISBN 978-9941-8-4954-1, UAC 37.018.432 3-453, Tbilisi 223. p. 2022
5. **"Multimedia and Computer Graphics"**. Reference Manual. ISBN 978-9941-28-265-2, 2018
6. **"Fundamentals of Computer Architecture and Organization"** Supplementary Textbook II Revised Edition, ISBN 978-9941-28-264, 2018.
7. **„Animation in Web Design on Flash technologyFlash“**, ISBN 978-9941-27-125-9. 2017
8. Auxiliary Practical Course **"Drawing 5 "**2014
9. **„Computer graphics and basic graphics“**, editors Tbilisi, Tbilisi Open Teaching University, ISBN 978-9941-0-5656-7, 2013
10. **„General Terminology Dictionary (Economics, Business, Marketing, Policy, Law, Mass Communications)“** Part I Explanatory Dictionary of Georgian-English-Russian General Terminology (History, Theory, Practice) *The I part* , 2013
11. **„3ds max“**. 2013 წ. ISBN 987-9941-0-5778-6 (classbook) 2013
12. **„3ds max“**. ISBN 987-9941-0-5777-9 Georgian Technical University 2013
13. **„3ds max lightware“**, ISBN 987-9941-0-5779-3 Georgian Technical University (classbook) 2013
14. **„3ds max lightware lightware“** ISBN 987-9941-0-5780-9 Georgian Technical University 2013
15. **„Basics of Computer Architecture and Organization A guidebook“**. Tbilisi: Open Teaching University, ISBN 978-9941-0-55829, 2013
16. **„Practical course of computer graphics Methodical guidelines for performing laboratory works Adobe Photoshop (The I part)“** ISBN 978-9941-20-278-0 2013
17. **"General Terminological Dictionary (Economics, Business, Marketing, Politics, Law, Mass Communications)"** Part I, 2012.

Other Participation in scientific research projects (Last 10 years)

1. **"New Requirements for Ensuring Georgia's Military Security Considering the Dynamics of Local Conflicts in the 21st Century"** (with the status of researcher), 2025-2028.
2. K. Kveselava, I. Bochorishvili, I. Iremadze, L. Tedeshvili, L. Jikidze, Z. Samkharadze, **"Generative Design"**, David Agmashenebeli Georgian National Defense Academy, Scientific Research Project, April-June 2025.
3. T. Kropadze, K. Kveselava, E. Shavdatuashvili, N. Kandelaki, L. Cholikidze, **"Academic Procrastination as a Behavior Engaged in the Distance Learning Process and Its Determinants"**, David Agmashenebeli Georgian National Defense Academy, Scientific Research Project, April-November 2025. "Using information and communication technologies as a component of pedagogical research and its psychological-pedagogical analysis" Davit Agmashenebeli National Defense Academy of Georgia, scientific research project, 9 months (2022-2023).
4. **"Total (comprehensive) defense as a determining factor of defense and security stability of Georgia"**, Davit Agmashenebeli National Defense Academy of Georgia, scientific research project, 24 months (2022-2024).
5. **"Research of parallel programming algorithms for multidimensional tasks"** Davit Agmashenebeli National Defense Academy of Georgia, scientific research project, 9 months (2022-2023).
6. **"Use of Information and Communication Technologies as a Component of Pedagogical Research and Its Psychological-Pedagogical Analysis"** David Agmashenebeli Georgian National Defense Academy, Scientific Research Project, 9 months (2022-2023).
7. **"Gender Guide"** internal grant of Georgia Technical University 2018 technical specialist;
8. **"Policy of European Regionalism"** Technical University of Georgia, Faculty of Engineering Economics, Media Technologies and Social Sciences Internal Grant 2018 technical specialist;
9. **"Archaeological field research-research methodology"** Georgia Technical University, Faculty of Engineering Economics, Media Technologies and Social Sciences internal grant 2018. technical specialist;
10. **"Information Technologies"** Tbilisi Open University, short-term professional training program of the "State Program of Vocational Training and Qualification of Job Seekers", State Grant 2016. Invited teacher;
11. **"Information Technologies"** Tbilisi Open University "State Program of Vocational Training and Qualification of Job Seekers", short-term vocational training program, state grant 2015. guest teacher;

12. **"Sociological studies and STU development (education, science and aspects of commercialization)"**, internal grant of the Technical University of Georgia. 2013-2014 technical specialist
13. **"Culture and Society"** St., Tbilisi City Hall Social Services and Culture City Service Grant 2013 Organizer and author
14. **"Inverterization of samples of intangible cultural heritage"**, internal grant of the National Agency for the Protection of Cultural Heritage of Georgia, 2012.
15. **"Educational-scientific dictionary (economy and business, politics and law, mass communications)"**, internal grant of the Technical University of Georgia, 2011. technical specialist

Additional information

1. 2012-2021 Sat. Tech. The head of the scientific center "Teaching-Scientific Center for Textile Dyeing Processing" located at the university.
2. From 2012 to Sat. Tech. Manager of the "Gender Equality Research Center" at the university.
3. 2012-2014 Sat. Tech. Researcher-coordinator of the educational "Scientific Sociological Center" at the university.
4. Member of the Academy of Social Sciences of Georgia since 2012.
5. Co-president of the "Academy of Social Sciences" of Georgia since 2013.
6. Since 2014, advisor of the "Bioenergy Informatics" department of the Engineering Academy.