



Name	Larysa Filipkovska
Position, Department/Faculty	Associate Professor, Department of Economics and Public Administration / Software Engineering and Business Faculty
Academic Degree, Academic Title	Candidate of Sciences (Technical), Associate Professor
Email:	l.filipkovska@khai.edu
Scopus Author ID:	59160559900
Web of Science ResearcherID:	
ORCID ID:	0000-0001-8532-5274
Google Scholar:	https://scholar.google.com/citations?user=68DjNLcAAAAJ&hl=en
ResearchGate:	https://www.researchgate.net/profile/Larysa-Filipkovska?ev=hdr_xprf

EDUCATION:

Basic education (university, major, year of graduation):

Kharkiv Aviation Institute, specialty: Applied Mathematics, qualification: engineer-mathematician, 1979

Postgraduate/Doctoral studies:

Kharkiv Aviation Institute, Candidate of Sciences (Technical): Automated Control Systems and Progressive Information Technologies, 2003

Additional training, certification programs:

Certificate of Participation in the course:

«Great course about knowledge in education», Ukraine, Ministry of Digital Transformation of Ukraine, GO «Progresilni», 05.26.2025 – 06.9.2025. 1,5 ECTS credits

«Internal Auditor of Quality Management Systems Compliant with ISO 9001:2015», International School of Technical Legislation and Quality Management, Kyiv, Ukraine, 31.03.2016 – 26.03.2016, reg. No. ISTL-QM/16/2603-1487. 1,5 ECTS credits

WORK EXPERIENCE:

Professional Career (Workplace, Years, Position):

National Aerospace University «Kharkiv Aviation Institute», 2003 – present: Associate Professor
 Kharkiv Aviation Institute, State Aerospace University, National Aerospace University «Kharkiv Aviation Institute», 1992 – 2003: Assistant of the Department, Senior Lecturer
 Kharkiv Aviation Institute, 1980 – 1992: Junior Researcher
 Kharkiv Aviation Institute, 1979 – 1980: Mathematician-Programmer

Teaching Experience:

National Aerospace University «Kharkiv Aviation Institute», 2003 – present: Associate Professor



Kharkiv Aviation Institute, State Aerospace University, National Aerospace University «Kharkiv Aviation Institute», 1992 – 2003: Assistant of the Department, Senior Lecturer

Kharkiv Aviation Institute, 1980 – 1992: part-time worker for teaching computational methods and programming languages

Participating in the development of educational programs in the areas of economics, marketing and international economics since 2007

Experience in International or National Projects:

Taking part in departments' scientific research projects

RESEARCH ACTIVITIES:

Main Research Areas:

Economics knowledge, economic-mathematical modeling, intelligent analysis of economic data, economical business safety, artificial intelligence, pattern recognition

Number of Publications (Scopus, WoS, others):

181 scientific publications indexed in Scopus and Web of Science databases and also as conference materials, 1 Publications in Scopus. 2 certificates of copyright registration for computer programs for automated data analysis of production situations

Monographs, Textbooks:

Co-author of 6 monographs (cognitive approach to the study of economic systems)

Participation in Scientific Conferences:

Participant of 107 scientific and practical conferences on innovative development of the Ukrainian economy, economic security of the country, electronic education, mathematical modeling in the digital economy (Ukraine, Poland, Bulgaria)

TEACHING ACTIVITIES:

Courses Taught:

Economic and Mathematical Models in Management and Economics

Fundamentals of Protection and Commercialization of Intellectual Property

Economic Security of the Enterprise

Information Technologies in Manufacturing and Sales Management

IT in the Practice of Scientific Research

Corporate Information Systems

Digital Technologies in Manufacturing and Sales Management

Author Courses, Academic Programs:

Author Courses: Economic and Mathematical Models in Management and Economics, Information Technologies in Manufacturing and Sales Management, Corporate Information Systems, Digital Technologies in Manufacturing and Sales Management

Developer of content for such Courses as Fundamentals of Protection and Commercialization of Intellectual Property, Economic Security of the Enterprise, IT in the Practice of Scientific Research

Methodological Materials, Textbooks:

Study programs, syllabuses, electronic resources for full-time and distance learning

GRANTS AND PROJECTS:

Participation in International and National Projects:

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Grants, Scholarships, Academic Mobility Programs:

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PROFESSIONAL ACHIEVEMENTS AND AWARDS:

Honorary Titles:

Honorary Certificate to the Executive Committee of the Kharkiv City Council, 2018

Distinctions, Awards, Prizes:

Award and Prize for the 1st place in the nomination «Best Teacher of Fundamental and Humanitarian Disciplines» of the professional skills competition «ICARUS KHAI – 2018», National Aerospace University «Kharkiv Aviation Institute», 2018

Membership in Professional Associations:

Public organization «Laboratory of Creative Ideas» (identification code of legal entity 42981502, registered on 03.05.2019), professional association (KVED No. 94.12, 94.99) in the field of «Economy and Entrepreneurship». Ukraine, Kharkiv

INTERNATIONAL ACTIVITIES:

Internships:

Academic internship «Balancing Economic and Legal Processes in Society and Business Environment in the Context of Globalization», 2 ECTS credits. Certificate № 000040, University of Economics – Varna (Bulgaria), 24.09.2026 – 1.10.2016

Cooperation with Foreign Universities:

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Teaching/Lecturing Abroad:

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SELECTED PUBLICATIONS:

Key Articles (Scopus, WoS, others):

Filipkovska L., Filipkovska M. Cognitive Component of Development of the Innovative Diffusion of the Socio-Economic Systems. In: Nechyporuk, M., Pavlikov, V., Krytskyi, D. (eds) Integrated Computer Technologies in Mechanical Engineering – 2023. ICTM 2023. Lecture Notes in Networks

and Systems. 2024. Vol. 996. Springer, Cham. Pp. 14–40. DOI: https://doi.org/10.1007/978-3-031-60549-9_2

Filipkovska L. Features of Applying Methods of Data Mining in Enterprise Economics. Modern Approaches to Problem Solving in Science and Technology. Warsaw, Poland, International Science Unity. 2023. P. 100–102. URL : https://isu-conference.com/wp-content/uploads/2023/11/Modern-Approaches-to-Problem-Solving-in-Science-and-Technology_Nov_15_17_Warsaw_Poland.pdf

Nos M. M., Revenko D. S., Filipkovska L. O. Peculiarities of IT-Project Management from the Point of View of Innovation Science. International scientific and practical conference «Science, engineering and technology: global trends, problems and solutions». Prague: Izdevnieciba «Baltija Publishing», 2021. P. 52–53. URL : https://elartu.tntu.edu.ua/bitstream/lib/34945/1/conf_CTU_tech_Mapт_2021%20%281%29.pdf

Filipkovska L., Matviienko O. Managerial decision support making in economic systems based on cognitive modeling. International Journal of Engineering and Technology (UAE). 2018. Vol 7. № 4.3, special issue 3. pp. 588–592. URL : <https://www.sciencepubco.com/index.php/ijet/issue/view/394>.

Filipkovska L. O. Toolset of intellectual analysis of economic status of enterprise with application of pattern recognition. Proceedings of The Eighth World Congress «Aviation in the XXI-st Century» «Safety in Aviation And Space Technologies». Kyiv. 2018. P. 84–86. URL : <http://conference.nau.edu.ua/index.php/Congress/Congress2018/schedConf/presentations>

Books, Chapters in Collective Monographs:

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Links to Citation Database Profiles:

Google Scholar - 82

ADDITIONAL INFORMATION:

Language Proficiency:

Ukrainian

English (course «English for Academic Purposes and Professional Communication»: acquiring knowledge and skills in the field of academic communication (economics and business). Certificate No. 100, National Aerospace University «Kharkiv aviation institute», 2013.

IT Skills:

Microsoft Office, BPWin, AnyLogic, Zoom

Social and Community Activities:

Deputy Head of the Department of Economics and Marketing, 2009 – 2013

Deputy Dean of the Faculty for Organization and Determination of the Rating of Students and Student Groups at the Faculty, 2009 – 2013

