Name	Alina Yelizieva
Position, Department/Faculty	Assistant Professor, Department of Computer Science and Information Technologies / Faculty of Aircraft Control Systems
Academic Degree, Academic Title	Candidate of Technical Sciences, Assistant Professor
Email:	a.elizeva@khai.edu
Scopus Author ID:	57216412769
Web of Science ResearcherID:	ABC-5078-2021
ORCID iD:	0000-0002-8228-9383
Google Scholar:	https://scholar.google.com/citations?hl=ru&user=mrN7UosAAAAJ
ResearchGate:	https://www.researchgate.net/profile/Alina-Yelizieva?ev=hdr_xprf

EDUCATION:

Basic education (university, major, year of graduation):
National Aerospace University "Kharkiv Aviation Institute", Information Control Systems and Technologies, 2010.

Postgraduate/Doctoral studies:
Candidate of Technical Sciences, National Aerospace University "Kharkiv Aviation Institute", 2014.

Additional training, certification programs:

WORK EXPERIENCE:

Professional Career (Workplace, Years, Position):

Teaching Experience:
September 2015 – November 2015: Assistant of Department of Information Control Systems, National Aerospace University "Kharkiv Aviation Institute", Kharkiv, Ukraine.
December 2015 – November 2018: Senior Teacher of Department of Information Control Systems, National Aerospace University "Kharkiv Aviation Institute", Kharkiv, Ukraine.
December 2018 – present: Assistant Professor of Department of Computer Science and Information Technologies, National Aerospace University "Kharkiv Aviation Institute", Kharkiv, Ukraine.

Experience in International or National Projects:
1. Executor of the state budget project "Development of the theoretical foundations of logistics management of the design, production, operation and disposal of aviation equipment", National Aerospace University "Kharkiv Aviation Institute" (No 0112U000104, MES of Ukraine, 2012 – 2014).
2. Executor of the state budget project "Development of theoretical foundations of distributed

intelligent management of investment projects and programs of reform and development of the machine-building complex of Ukraine", National Aerospace University "Kharkiv Aviation Institute" (Г302-8/2015-Ф, MES of Ukraine, 2015).

3. Responsible executor of the state budget project "Information technologies in the management of the development of organizational and technical systems", National Aerospace University "Kharkiv Aviation Institute" (No 0118U003824, MES of Ukraine, 2018 – 2020).

4. Responsible executor of the state budget project "Information technologies in management of logistics and distributed systems", National Aerospace University "Kharkiv Aviation Institute" (No 0121U111437, MES of Ukraine, 2021 – 2023).

RESEARCH ACTIVITIES:

Main Research Areas:
Models and methods of discrete math, theory of algorithms, approaches to design of information systems, simulation, models and methods of management in logistics.

Number of Publications (Scopus, WoS, others):
 Total publications: 84
 Indexed in Scopus – 5
 Indexed in WoS – 1
 Others – 78

Monographs, Textbooks:
 Monographs – 1
 Textbooks – 5

Participation in Scientific Conferences:
2025 – XV International Scientific and Technical Conference "Modern trends in the development of information and communication technologies and management tools", Ukraine.
2024 – XXXIV All-Ukrainian Conference "New technologies in mechanical engineering", Ukraine.
2022 – XII International Scientific and Technical Conference "Modern trends in the development of information and communication technologies and management tools", Ukraine.
2021 – III International Scientific and Practical Conference "Information systems and technologies in medicine", Ukraine.
2021 – III International Scientific and Practical Conference "Mathematical modeling of processes in economics and management of projects and programs", Ukraine.
2020 - XXX International Conference "New leading technologies in machine building", Ukraine.
2020 – X International Scientific and Technical Conference "Modern trends in the development of information and communication technologies and management tools", Ukraine.

TEACHING ACTIVITIES:

Courses Taught:
1. Component Technology of Design of Information Technologies (Bachelor);
2. Models and Methods of Discrete Math (Bachelor);
3. Algorithmic Foundations of Development of Information Technologies (Bachelor).

Author Courses, Academic Programs:
1. Models and Methods of Discrete Math (Bachelor);
2. Algorithmic Foundations of Development of Information Technologies (Bachelor).

GRANTS AND PROJECTS:

Membership in Professional Associations:

Member of the PO Ukrainian Scientific and Educational IT Society (2021 – present)

INTERNATIONAL ACTIVITIES:

Internships:
A distance internship at University Prof. Dr. Asen Zlatarov, Burgas, Bulgaria (90 hours, 26.10.20 – 09.11.20).

SELECTED PUBLICATIONS:

Key Articles (Scopus, WoS, others):
1. Dmytro Lytvynenko, Olga Malyeyeva, Alina Yelizieva. Blockchain technologies in communication management of onfrustructure projects // Radioelectronic and Computer Systems. –2021. – No 3 (99). – P. 169 – 181. doi: 10.32620/reks.2021.3.14.
2. Fedorovych O., Pronchakov Yu., Leshchenko Yu., Yelizieva A. Modeling the impact of threats and vulnerabilities in transport logistics of a developing enterprise // Radioelectronic and Computer Systems. –2021. – No 3 (99). – P. 29 – 36. doi: 10.32620/reks.2021.3.03.
3. Andrei Popov, Myroslav Momot, Alina Yelizieva. Choosing the test automation system according to customer requirements. Innovative Technologies and Scientific Solutions for Industries. – 2022. – No. 1 (19). – P. 40 – 46. https://doi.org/10.30837/ITSSI.2022.19.040.
4. Oleg Fedorovych, Oleg Slomchynskyi, Alina Yelizieva, Leonid Smidovych, Olena Yashina. Models for studying the stability of high-tech productions in modern political and economical conditions // Aerospace Technic and Technology. – 2023. – № 4 (188). – P. 92 – 100. doi: 10.32620/aktt.2023.4.12.

Books, Chapters in Collective Monographs:
1. System Model for Decision Making Support in Logistics and Quality Management Business Processes of Manufacture Enterprise / Yu. Leshchenko, A. Yelizieva // Lecture Notes on Data Engineering and Communications Technologies. – Berlin: Springer, 2020. – Vol. 42. – P. 93–113. – ISSN 23674512.
DOI 10.1007/978-3-030-35649-1_5.

Links to Citation Database Profiles:
https://scholar.google.com/citations?hl=ru&user=mrN7UosAAAAJ
https://www.scopus.com/authid/detail.uri?authorId=57208341801&eid=2-s2.0-85083444500
https://www.webofscience.com/wos/author/record/ABC-5078-2021

ADDITIONAL INFORMATION:

Language Proficiency:
Ukrainian – native.
English – Upper-Intermediate (First Certificate in English, Cambridge Assessment English, certificate B6138502).

IT Skills:
Programming (C++, C#), Databases (MS SQL, MySQL), Simulation (AnyLogic).