Name	Druzhynin Yevgen
Position, Department/Faculty	Professor at Informational Technologies of Design department, Faculty of Aircraft Engineering
Academic Degree, Academic Title	Doctor of Technical Sciences, Professor
Email:	e.druzhynin@khai.edu
Scopus Author ID:	36765665700
Web of Science ResearcherID:	H-4607-2018
ORCID iD:	0000-0003-3121-4178
Google Scholar:	boazfl0AAAAJ
ResearchGate:	

EDUCATION:

Basic education (university, major, year of graduation):
National Aerospace University "Kharkiv Aviation Institute", Masters in Automatic control systems, 1982

Postgraduate/Doctoral studies:
National Aerospace University "Kharkiv Aviation Institute", Candidate of Technical Sciences in Automation of Technological Processes and Production, 1992
National Aerospace University "Kharkiv Aviation Institute", Doctor of Technical Sciences in Project and Program Management, 2006

WORK EXPERIENCE:

Professional Career (Workplace, Years, Position):
Branch Research Laboratory at NAU "KhAI", 1982-1984, Engineer
USSR Airforce, 1984-1986, Electromechanical engineer
NAU "KhAI", 1987-1997, Senior Engineer, later Junior Researcher
Department of Information Systems at NAU "KhAI", 1997-2006, Associate Professor
NAU "KhAI", 2006-present, Professor
NAU "KhAI", 2007-2019, Head of the Department of Information Technologies for Aircraft Design

Teaching Experience:
Teaching and academic activity at the National Aerospace University "Kharkiv Aviation Institute" since 1997 as Associate Professor and since 2006 as Professor in the fields of information systems, automated control systems, project and program management, and information technologies for aircraft design.
Supervision of postgraduate research resulting in 16 defended Candidate of Technical Sciences dissertations

Participation for more than ten years in specialized academic dissertation councils responsible for doctoral and candidate thesis evaluation.

Experience in International or National Projects:
Participation in nearly 20 national research and development projects conducted in cooperation with research institutes, industrial enterprises, and governmental organizations in the fields of mechanical engineering, nuclear energy, aerospace technologies, and defense-related systems development.

RESEARCH ACTIVITIES:

Main Research Areas:
Informatization and automation of management processes for complex technical systems. Automated systems design, systems engineering, project and program management, risk and resource management in engineering development projects, and information technologies in complex system production environments.

Number of Publications (Scopus, WoS, others):
Scopus: 29 publications (127 citations)
ORCID: 24 publications
Scholar: 100 publications (255 citations)

Monographs, Textbooks:
7 scientific monographs, 95 journal and professional publication articles, and 7 educational and methodological textbooks/manuals

Participation in Scientific Conferences:
Author and co-author of more than 120 publications in conference proceedings and abstracts of scientific reports

TEACHING ACTIVITIES:

Courses Taught:
Fundamentals of Automated Systems Design, Systems Design, Project and Program Management, Research Methodology

Author Courses, Academic Programs:
Developed and contributed to accredited Bachelor's and Master's programs in Computer Science and Information Technologies and Systems

Methodological Materials, Textbooks:
7 educational and methodological textbooks/manuals

PROFESSIONAL ACHIEVEMENTS AND AWARDS:

Honorary Titles:
Associate professor, Professor

Distinctions, Awards, Prizes:
Accreditation Expert Certificate, National Agency for Higher Education Quality Assurance (NAQA), Ukraine, 17 December 2023

Membership in Professional Associations:
Long-term membership in specialized academic dissertation councils at:
- National Aerospace University "KhAI"
- Admiral Makarov National University of Shipbuilding (Mykolaiv, Ukraine)

SELECTED PUBLICATIONS:

Key Articles (Scopus, WoS, others):
Rational use of simulation methods while development of technically complex objects / IEEE 16th International Conference on Computer Science and Information Technologies – Proceedings – September 22-25, 2021, Lviv, Ukraine – Volume 2, PP. 299–303. НМ БД Scopus, Категорія "А" https://ieeexplore.ieee.org/document/9648638 DOI: 10.1109/CSIT52700.2021.9648638 (Scopus)
Predictive Analytics for Increasing the Energy Efficiency of Industrial Enterprises. In Proceedings of the International Conference on Smart Information Systems and Technologies, Nur-Sultan, Kazakhstan, 28-30 April 2022, pp. 182–188. DOI: 10.1109/SIST54437.2022.9945720 (Scopus)
Analysis of Project Implementation Methods and Models Throughout Risk Management // Integrated Computer Technologies in Mechanical Engineering – 2022. Synergetic Engineering : Conference proceedings, October 28-29, 2022, Kharkiv, Ukraine / Eds. : M. Nechyporuk, V. Pavlikov, D. Kritskiy. Cham : Springer, 2023. P. 583-597. DOI: 10.1007/978-3-031-36201-9_49 (Last Accessed: 21.08.2023) (Scopus).
Agile Framework as a Key to Information Management Systems Delivery // Advances in Design, Simulation and Manufacturing VI : Proceedings of the 6th International Conference on Design, Simulation, Manufacturing: The Innovation Exchange, DSMIE-2023, June 6–9, 2023, High Tatras, Slovak Republic. Vol. 1: Manufacturing Engineering / Eds. : V. Ivanov et al. Cham : Springer, 2023. P. 113-120. DOI: 10.1007/978-3-031-32767-4_11 (Last Accessed: 21.08.2023) (Scopus).
Taxonomy of Risks in Software Development Projects // 2022 63rd International Scientific Conference on Information Technology and Management Science of Riga Technical University (ITMS) : Proceedings, October 6-7, 2022, Riga, Latvia / Ed. by : J. Grabis, A. Romanovs, G. Kulesova. IEEE, 2022. DOI: 10.1109/ITMS56974.2022.9937092 (Last Accessed: 21.08.2023) (Scopus).

Books, Chapters in Collective Monographs:
System Design [Electronic resource]: study guide for practical classes – Kharkiv: National Aerospace University named after M. Ye. Zhukovsky "Kharkiv Aviation Institute", 2020. – 39 p.
System Design [Electronic resource]: study guide for laboratory practical work – Kharkiv: National Aerospace University named after M. Ye. Zhukovsky "Kharkiv Aviation Institute", 2020. – 59 p.

Links to Citation Database Profiles:
Scopus: https://www.scopus.com/authid/detail.uri?authorId=36765665700
Web of Science ResearcherID: https://www.webofscience.com/wos/author/record/H-4607-2018
ORCID iD: https://orcid.org/0000-0003-3121-4178
Google Scholar: https://scholar.google.com/citations?hl=ru&view_op=list_works&gmla=AJsN-F6LXHrl78p9pCNL5HsoD0dJPjYadFfXeQM6POGlS8ABvqosQp6wh5Qk7U9i12vuaXGpq-

T8Y3Jasyg_M3Hpt1CTTPyNR7XN_1Ef67YCgL-BhQ9r1GM_eIgI4lIDY9hTxwO7w9siavjYCl1tPDJWB5TLuBmn0Q&user=boazfl0AAAAJ&gmla=AJ

ADDITIONAL INFORMATION:

Language Proficiency:
Ukrainian (Native)

IT Skills:
Advanced user of MS Office (Word, Excel), Numerical methods implementation and scientific computing, Learning Management Systems (Moodle, Google Classroom).

Social and Community Activities: Academic mentoring and supervision of undergraduate and graduate students, Participation in university academic councils and methodological commissions, Organization of scientific seminars, workshops, and student conferences, Reviewer for academic conferences and journals.