Name	Volodymyr Khalturin
Position, Department/Faculty	Associate Professor, Mathematical Modelling and Artificial Intelligence department
Academic Degree, Academic Title	Candidate of Phisic-Math Sciences (PhD) Associate Professor
Email:	v.khalturin@khai.edu
Scopus Author ID:	[ID] 60047141300
Web of Science ResearcherID:	[ID] OEM-9001-2025
ORCID iD:	[ID]0009-0004-8912-2860
Google Scholar:	[Cw2rmwcAAAAJ]
ResearchGate:	https://www.researchgate.net/profile/Volodymyr-Khalturin

EDUCATION:

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

Kharkiv Polytechnical Institute
Speciality: Automatic Control of Motion
Qualified: Engineer-Researcher
Diploma: February 18, 1975

Postgraduate/Doctoral studies:

Associate Professor of the Department of Computer Science,
National Aerospace University "Kharkiv Aviation Institute" of Ukraine [15/06/2006]

Candidate of Phis.-Math of Sciences,
V.M.Glushkov Institute of Cybernetics under the Academy of Sciences of Ukrainian SSR[1/11/1988]

Additional training, certification programs:
Sigma Software University course: Teachers' Smart-Up: Winter Edition 2025, 30 hours (1 ECTS), 27–31.01.2025. Sigma Software University. Certificate ID №: efdf5d1c3bb74a76ba7fdd6b186e0166.

International
Sigma Software University course: Teachers' Smart-Up: Summer edition 2024, 30 hours (1 ECTS). 22-26.07.2024. Sigma Software University. 07/28/2024, Certificate ID: a99fedc4a7da4bdcac5d327506dc1c4b.

SSWU course: Teachers' Smart-Up: Winter edition 3.0. 2024, 30 hours (1 ECTS). 22-26.01.2024. Sigma Software University. 01/26/2024, Certificate ID Number: b4a8cb2eec0d4605b75129e63e1b5066.

WORK EXPERIENCE:

NATIONAL AEROSPACE UNIVERSITY «KHARKIV AVIATION INSTITUTE»

Professional Career (Workplace, Years, Position):

Associate Professor / Department of Informatics, since 15/06/2006 Department of Mathematical Modelling and Artificial Intellect / Faculty of Aircraft Control Systems / National Aerospace University "Kharkiv Aviation Institute" [15/06/2006 – Current]

Associate Professor / Department of Informatics / Faculty of Aircraft Control Systems / Kharkiv Aviation Institute [01/02/2000 – 09/04/2006]

Senior Lecturer / Department of Applied Mathematics / Faculty of Aircraft Control Systems / Kharkiv Aviation Institute, since 07/08/1998 State Aerospace University "Kharkiv Aviation Institute" [01/04/1992 – 31/01/2000]

Assistant Professor / Department of Applied Mathematics / Faculty of Aircraft Control Systems / Kharkiv Aviation Institute [01/10/1989 – 31/03/1992]

Senior Engineer, Computational Center Kharkiv Aviation Institute. [02/01/1982 – 31/10/1989]

Teaching Experience:
text

RESEARCH ACTIVITIES:

Main Research Areas:
Numerical Methods

Number of Publications (Scopus, WoS, others):
1 publications in Scopus, 1 publications in WoS, 28 publications in Google Scholar, 35 publications in ResearchGate

Participation in Scientific Conferences:
International Scientific Conference of Environmental and Climate Technologies (Riga, Latvia, 2025); International Scientific and Practical Conference «Problems of Emergency Situations» (Kharkiv, 2020–2025);
I and II International Scientific and Practical Conferences of IT Professionals and Computer Systems Analysts «ProfIT Conference» (Kharkiv, 2018–2021, 2023; Waterloo, Canada, 2023; Cambridge, MA, USA, 2024);

Courses Taught:
Probability Theory; Databases; Numerical Methods; Programming; Discrete Mathematics; Mathematical Logic

Author Courses, Academic Programs:
Methods of programming and Computer Methods of Computational, Theory of Finite Automata and Formal Language , Theory of Programming

Methodological Materials, Textbooks:

Systems and methods of decision-making / O. S. Pichugina, Yu. O. Skob, V. O. Khalturin, K. P. Korobchynsky. – Kharkiv: National Aerospace University "Kharkiv Aviation Institute", 2024. – 50 p.

Fundamentals of programming in C++. Introduction to OOP: tutorial. to practical. works / K. P. Korobchynsky, I. V. Moskovich, Yu. O. Skob, O. S. Pichugina. – Kharkiv: National Aerospace University "Kharkiv Aviation Institute", 2024. – 124 p.

Object oriented programming using C# [Electronic resource]: Laboratory course study guide / Y. O. Skob, V. O. Khalturin. – Kharkiv: National Aerospace University "Kharkiv Aviation Institute", 2020. – 109 p.

Parallel and distributed computing: laboratory practical [Electronic resource]: tutorial. to lab. prakt. / Yu. O. Skob, V. O. Khalturin. – Kharkiv: National Aerospace University "Kharkiv Aviation Institute", 2023. – 116 p.

Finite automata and formal grammars [Electronic resource]: teaching. manual for lab. prakt. / V. O. Khalturin, Yu. O. Skob. – Kharkiv: National Aerospace University "Kharkiv Aviation Institute", 2022. – 41 p.

SELECTED PUBLICATIONS:

Key Articles (Scopus, WoS, others):
Skob Y., Yakovlev S., Pichugina O., Kartashov O., Bychkov I., Khalturin V. Computational Estimation of Protection Wall Height Impact on Hydrogen Explosion Consequences // Environmental and Climate Technologies : The Journal of Riga Technical University. 2025. Vol. 29, iss. 1. – P. 418–432. DOI: 10.2478/rtuect-2025-0028 (*Scopus, WoS*)

Links to Citation Database Profiles:

Scopus: https://www.scopus.com/authid/detail.uri?authorId=60047141300

Web of Science: https://www.webofscience.com/wos/author/record/D-5718-2017

ORCID: https://orcid.org/0009-0004-8912-2860

Google Scholar: https://scholar.google.com.ua/citations?user=Cw2rmwcAAAAJ&hl=uk

ResearchGate: https://www.researchgate.net/profile/Volodymyr-Khalturin

ADDITIONAL INFORMATION:

Language Proficiency:
Ukrainian, English

IT Skills:
Microsoft Visual Studio C++, C# / IDLE Python / Apache NetBeans Java/ Microsoft Office / Zoom

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