



Name	Serhii Sukhovii
Position, Department/Faculty	Associate professor, dep.203, 2 faculty
Academic Degree, Academic Title	PhD, associate professor
Email:	s.sukhoviy@khai.edu
Scopus Author ID:	56517006700
Web of Science ResearcherID:	NZO-4606-2025
ORCID iD:	0009-0001-5533-6367
Google Scholar:	https://scholar.google.com/citations?hl=uk&user=0DiKZh0AAAAJ
ResearchGate:	

EDUCATION:

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

National Aerospace University-"Kharkiv Aviation Institute", Aviation engine CAD systems, 1996

Postgraduate/Doctoral studies:

National Aerospace University Postgraduate, 1999

WORK EXPERIENCE:

Professional Career (Workplace, Years, Position):

National Aerospace University

Teaching Assistant, 1999

Associate Professor, 2004

Teaching Experience:

National Aerospace University, 1996-2025

RESEARCH ACTIVITIES:

Main Research Areas:

Aviation Engine Control,

Thermophysics and theoretical heat engineering

Number of Publications (Scopus, WoS, others):

Scopus – 2,

Others - 17

Participation in Scientific Conferences:



XXX Міжнародний конгрес двигунобудівників, 2-5 вересня, 2025, Україна

TEACHING ACTIVITIES:

Courses Taught:

Системи автоматичного керування АД і ЕУ,
Віброакустика АД і ЕУ,
Діагностика та системи контролю технічного стану повітряних суден та авіадвигунів,
Автоматика регулювання та агрегати ГТУ

Author Courses, Academic Programs:

Системи автоматичного керування АД і ЕУ,
Віброакустика АД і ЕУ

Methodological Materials, Textbooks:

Віброакустика і вібродіагностика авіаційних двигунів – гриф МОН Віброакустика і
вібродіагностика авіаційних двигунів – гриф МОН
Х.: Нац. аерокосм. ун-т «Харьк. авіац. ін-т», 2012. – 264 с. -ISBN 978-966-662-265-8

PROFESSIONAL ACHIEVEMENTS AND AWARDS:

Distinctions, Awards, Prizes:

Order "For Merit" III Class

SELECTED PUBLICATIONS:

Key Articles (Scopus, WoS, others):

1.Alternative method to simulate a sub-idle engine operation in order to synthesize its control system
Alternative method to simulate a sub-idle engine operation in order to synthesize its control system
Proceedings of ASME Turbo Expo 2014: GT2014-25960 · Jun 16, 2014,
2.Alternative method to simulate a Sub-idle engine operation in order to synthesize its control system
SI Sukhovii, FF Sirenko, SV Yepifanov, I Loboda
International Journal of Turbo & Jet-Engines 33 (3), 229-237, 2016

ADDITIONAL INFORMATION:

Language Proficiency:

English,
Russian

IT Skills:

Embedded software,
C, C++,
Matlab/Simulink

