Name	Volodymyr Andryushchenko
Position, Department/Faculty	Associate Professor of Aircraft and Helicopters Design Department, Aircraft Building Faculty
Academic Degree, Academic Title	Candidate of Science (Ph.D.)
Email:	v.andryushchenko@khai.edu
Scopus Author ID:	
Web of Science Researcher ID:	OFN-5210-2025
ORCID iD:	0000-0003-1013-3803
Google Scholar:	https://scholar.google.com/citations?view_op=list_works&hl=ru&hl=ru&user=7XeHoe4AAAAJ&pagesize=80&sortby=title
ResearchGate:	https://www.researchgate.net/profile/Vladimir-Andrusenko

EDUCATION:

Basic education (university, major, year of graduation):
Kharkiv Aviation Institute, aircraft production, 1980

Postgraduate/Doctoral studies:
Development and implementation of methods to increase fatigue life of single-shear joints of aircraft structure elements, 1984

Additional training, certification programs:
Postgraduate education certificate, 1985

WORK EXPERIENCE:

Professional Career (Workplace, Years, Position):
01.03.1980-15.02.1981 – engineer
15.02.1981-01.12.1981 – junior research fellow
01.12.1981-30.11.1984 – postgraduate student
01.01.1982 – 31.12.1984 junior research fellow
01.01.1985-01.03.1995 senior research fellow
01.03.1995-01.12.1997 leading engineer
01.12.1997-30.04.2001 deputy chairman of the board - chief engineer of JV CJSC Turbostal
30.04.2001-31.01.2002 deputy general director of CJSC «Turbostal-engineering»
01.02.2002-01.10.2002 Deputy Director of Technospetsplast LLC
01.04.2003-01.01.2004 Senior Researcher CAD/CAM/CAE
01.01.2004-01.10.2010 Senior Researcher Research Institute
01.10.2010-01.01.2011 Leading Engineer of the Research Center CAD/CAM/CAE
01.01.2011-31.08.2011 Senior Lecturer of Department 103
01.09.2015-present time Associate Professor of Department 103

Teaching Experience:
Full time teaching airplanes and helicopters design related subjects since 2015.

Experience in International or National Projects:
Participation in government resource testing programs and durability and strength programs of the Central Aerohydrodynamic Institute (TsAGI), as well as programs for control the residual resource

RESEARCH ACTIVITIES:

Main Research Areas:
Development of methods for increasing the fatigue life of aircraft structural element joints, research into the influence of previous service life and corrosion damage to aircraft airframe elements on their fatigue life, issues of UAV development and manufacturing

Number of Publications (Scopus, WoS, others):
56 articles

Monographs, Textbooks:
5 texbook

Participation in Scientific Conferences:
15 conference papers

TEACHING ACTIVITIES:

Courses Taught:
Design of aviation equipment elements
Resource and durability of aviation equipment
General structure of aerospace equipment objects
Engineering fundamentals of aviation and rocket and space technology

Author Courses, Academic Programs:
Resource and durability of aviation equipment

Methodological Materials, Textbooks:
3 Methodological Materials, 2 Textbooks

GRANTS AND PROJECTS:

Participation in International and National Projects:
–

Grants, Scholarships, Academic Mobility Programs:
–

PROFESSIONAL ACHIEVEMENTS AND AWARDS:

Honorary Titles:
–

Distinctions, Awards, Prizes:

Certificate of Honor of the Ministry of Aviation Industry

Membership in Professional Associations:
Association of Education and Science Workers, Kharkiv Aeroclub

INTERNATIONAL ACTIVITIES:

Internships:
–

Cooperation with Foreign Universities:
–

Teaching/Lecturing Abroad:
National Aerospace University "Kharkiv Aviation Institute"/–

SELECTED PUBLICATIONS:

Key Articles (Scopus, WoS, others):
The influence of technological deviations on the durability of riveted joints, the outer rows of which are installed with gaps in the part forming the edge of the overlap / A. G. Grebenikov, V. M. Andryushchenko, E. T. Vasilevsky. Design and production issues of thin-walled load-bearing structures: thematic collection of scientific papers. 1984. Pp. 82–95
Grebenikov, V. A., Myalitsa, A. K., Gumenny, A. M., Andryushchenko, V. M., Chumak, A. S., Buyval, L. Yu., & Kapustin, S. S. (2017). Influence of the type of rivets on the fatigue life of samples of riveted joints of plates with filled unloaded holes. Open Information and Computer Integrated Technologies, (76), 119-125.
Pelykh, V., Andryushchenko, V. (2024). Determination of the features of integrated design of civil long-range aircraft with transonic truss-braced wing at the preliminary design stage. Technology Audit and Production Reserves, 1 (1 (75)), 35–42. doi: https://doi.org/10.15587/2706-5448.2024.298600.

Books, Chapters in Collective Monographs:
–

Links to Citation Database Profiles:
https://scholar.google.com/citations?view_op=list_works&hl=ru&hl=ru&user=7XeHoe4AAAAJ&pagesize=80&sortby=title

ADDITIONAL INFORMATION:

Language Proficiency:
–

IT Skills:
There are

Social and Community Activities:
Active