Name	Kostiantyn Yepifaniv
Position, Department/Faculty	Acting Head of the Aerospace Thermal Engineering Department /Aviation Engine Faculty
Academic Degree, Academic Title	Candidate of Technical Sciences, Associate Professor
Email:	k.iepifanov@khai.edu
Scopus Author ID:	13103545100
Web of Science ResearcherID:	https://www.webofscience.com/wos/author/record/OAJ-7039-2025
ORCID iD:	0000-0001-7623-0839
Google Scholar:	https://scholar.google.com/citations?hl=uk&user=V3rKAzEAAAAJ V3rKAzEAAAAJ
ResearchGate:	-

EDUCATION:

Basic education (university, major, year of graduation):
Master's Degree, Aviation engines and power plants, National Aerospace University "Kharkiv Aviation Institute", 2000

Postgraduate/Doctoral studies:
Candidate of Technical Sciences, Aircraft Engines and Power Plants, National Aerospace University "Kharkiv Aviation Institute", 2004

WORK EXPERIENCE:

Professional Career (Workplace, Years, Position):
National Aerospace University "Kharkiv Aviation Institute", 2000 – 2004, Leading Researcher
National Aerospace University "Kharkiv Aviation Institute", 2004 – 2024, Associate Professor
National Aerospace University "Kharkiv Aviation Institute", 2024 – up to now, Acting Head of the Aerospace Thermal Engineering Department

Teaching Experience:
National Aerospace University "Kharkiv Aviation Institute", 2004 – 2024, Associate Professor of Aerospace Thermal Engineering Department

Experience in International or National Projects:
In cooperation with Thales Alenia Space Corporation, it took part in the development of a thermal control system for a telecommunications satellite.
It carried out the project "Aircraft Engine Valves Thermal Management with Advanced Loop Heat Pipe (Clean Sky 2 Joint Undertaking (H2020 actions)" to develop a cooling system for aircraft engine components.

RESEARCH ACTIVITIES:

Main Research Areas:
heat and mass processes investigation and simulation

Number of Publications (Scopus, WoS, others):
25

Participation in Scientific Conferences:
Two-Phase Mechanically Pumped Loop Prototype of Thermal Control System for Spacecraft (STCU P-269 project)

TEACHING ACTIVITIES:

Courses Taught:
Thermodynamics and heat transfer, heat and mass transfer, theory of working processes of heat engines

Author Courses, Academic Programs:
Theory of working processes of heat engines

Methodological Materials, Textbooks:
7

GRANTS AND PROJECTS:

Participation in International and National Projects:
Two-Phase Mechanically Pumped Loop Prototype of Thermal Control System for Spacecraft (STCU P-269 project)

PROFESSIONAL ACHIEVEMENTS AND AWARDS:

Distinctions, Awards, Prizes:
Certificate of Honor from the Executive Committee of the Kharkiv City Council, 2024

SELECTED PUBLICATIONS:

Key Articles (Scopus, WoS, others):

1. Two-temperature mathematical model of heat controlled accumulatoe with thermal regulation for zero gravity conditions // P. S. Koval, K. S. Yepifanov, R. Y. Turna - Aerospace Technic and Technology, 2020
2. Identification of a heat transfer coefficients in condensers of the International space station Russian segment heat transport contour // Proceeding of the 52nd International Astronautical Congress “Meeting the Needs of the New Millenium”, (October 1-5, 2001). – Toulouse, France.

Links to Citation Database Profiles:

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ORCID ID:	0000-0001-7623-0839
Google Scholar:	https://scholar.google.com/citations?hl=uk&user=V3rKAzEAAAAJ V3rKAzEAAAAJ

ADDITIONAL INFORMATION:

Language Proficiency:
English

IT Skills:
Microsoft Office, Python, Matlab/Simulink, Fortran