



Name	Oleg Kislov
Position, Department/Faculty	Associate Professor, Aircraft Engines Theory Department, Faculty of Aviation Engines
Academic Degree, Academic Title	Candidate of Technical Sciences, Associate professor
Email:	O.kislov@khai.edu
Scopus Author ID:	[57223980161]
Web of Science ResearcherID:	[-]
ORCID iD:	[0000-0003-4814-9368]
Google Scholar:	[https://scholar.google.com/citations?user=_wGKfsUAAAAJ&hl=uk]
ResearchGate:	[https://www.researchgate.net/profile/Kislov-Oleg]

EDUCATION:

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

1. Kharkiv military Aviation Institute. [1981].

Postgraduate/Doctoral studies:

2. Military Aviation Academy with honors in « Aviation Engines » [1988].

Additional training, certification programs:

WORK EXPERIENCE:

Professional Career (Workplace, Years, Position):

National Aerospace University «Kharkiv Aviation Institute»

1988-Present

Associate Professor at Aircraft Engines Theory Department

Teaching Experience:

Associate Professor at Aircraft Engines Theory Department:

- scientific researcher;
- organization and conduct of educational and methodical work on all types of training sessions in accordance with the individual work plan of the teacher;
- organization and planning of methodical and technical support of training sessions;
- understanding and application of existing regulations.

Experience in International or National Projects:

I was a scientific supervisor to the following scientific projects: "Mathematical Modeling of Gas-Dynamic Processes and Characteristics of Air-Jet Engines, Gas Turbine Drives, and Their Elements" (State registration number: 0121U108283) – developed mathematical models of the working processes of gas turbine engines (GTEs), preparation of the final report and overall coordination of the project team. "Methods for Determining the Aerodynamic Parameters of Models of a Supersonic Aircraft with Air Intake Devices" (No. 201-19/2018) – development of a methodology for experimental research of aircraft models taking into account the air flow through the engine.

RESEARCH ACTIVITIES:

Main Research Areas:

Areas of scientific research: mathematical modelling of air-jet engines; matching aircraft and engine performance; mathematical modelling of supersonic inlets characteristics; conversion of aircraft engines into ground-based gas turbine units.

Number of Publications (Scopus, WoS, others):

Scopus: **2**.

Articles in scientific professional publications order of the Ministry of Education and Science of Ukraine: more than **100** publications.

Monographs, Textbooks: "**1**".

Participation in Scientific Conferences: more than **20**.

TEACHING ACTIVITIES:

Courses Taught:

The following disciplines at the university have been being taught by me since 2015: Theory of gas turbine Engines; Conversion of aircraft engines into Power plant; Mathematical models of Gas turbine Engine operating Modes; Thermodynamic Analysis of Steam-Gas Cycles.

Author Courses, Academic Programs:

1. Theory of gas turbine Engines;
2. Conversion of aircraft engines into Power plant;
3. Mathematical models of Gas turbine Engine operating Modes;
4. Thermodynamic Analysis of Steam-Gas Cycles.

Methodological Materials, Textbooks:

1. Kislov, O.V., Fesenko, K.V. Selection of parameters and thermogasdynamic calculation of gas turbine engines. Kharkiv, National Aerospace University «Kharkiv Aviation Institute» Publ., 2019. 64 p. ISBN: - 978-966-662-660-1.

http://library.khai.edu/library/fulltexts/metod/Vybor_Parametrov_Termogazodinamicheskij_Raschet.pdf

2. Kislov O. V., Kononenko M. V., Fesenko K. V. Technical operation of gas turbine units of compressor stations and gas transport lines. Kharkiv, National Aerospace University «Kharkiv Aviation Institute» Publ., 2024. 68 p. https://library.khai.edu/library/fulltexts/metod/Kislov_Teh_Expl.pdf

GRANTS AND PROJECTS:

Participation in International and National Projects: -

Grants, Scholarships, Academic Mobility Programs: -

PROFESSIONAL ACHIEVEMENTS AND AWARDS:

Honorary Titles: -



Distinctions, Awards, Prizes: -

Membership in Professional Associations: -

INTERNATIONAL ACTIVITIES:

Internships: -

Cooperation with Foreign Universities: -

Teaching/Lecturing Abroad: -

SELECTED PUBLICATIONS:

Key Articles (Scopus, WoS, others):

1. Kislov, O., Ambrozhevich, M., Shevchenko, M. (2021). Development of a method to improve the calculation accuracy of specific fuel consumption for performance modeling of air-breathing engines. Eastern-European Journal of Enterprise Technologies, 2 (8 (110)), 23–30. doi: <https://doi.org/10.15587/1729-4061.2021.229515>
2. Kislov, O., Shevchenko, M., Ulitenko Y. Choosing Propulsion System Composition and Parameters for a Supersonic Cruising Aircraft. 25th International Society for Air Breathing Engines Conference Proceedings, 25–30 September 2022 Ottawa, Canada, 17 p., ISABE-2022-253 URL: <https://drive.google.com/file/d/1HfwjnIKryUs-xnzVCFq5t68BrxXxnXXZ/view>
3. Kislov, O.V. Pizhankova, N.V. Converted gas turbine engine with air bypass from the compressor to a free turbine. Bulletin of engine construction, - Zaporozhye, Motor Sich OJSC, No. 2, 2017. – pp. 112 – 117. http://nbuv.gov.ua/UJRN/vidv_2017_2_21

Books, Chapters in Collective Monographs:

1. Numerical study of the characteristics of a turbojet engine nozzle of a multimode aircraft under subsonic external flow conditions/O. V. Kislov, V. V. Kotkin. – Kharkiv : National Aerospace University «Kharkiv Aviation Institute», 2017. – 152 p. ISBN 978-966-662-544-4.
<http://k201.khai.edu/wp-content/uploads/2021/04/metod-N123-1.pdf>

Links to Citation Database Profiles:

Scopus (Author ID)	https://www.scopus.com/authid/detail.uri?authorId=57223980161
Google Scholar	https://scholar.google.com/citations?user=wGKfsUAAAAJ&hl=uk
Orcid	https://orcid.org/0000-0003-4814-9368

ADDITIONAL INFORMATION:

Language Proficiency:

English – Upper intermediate;
Ukrainian – Native;
Russian – Native.

IT Skills:

Excellent use of MS Office (Word, Excel, Power Point, Outlook), Adobe Acrobat and Abbyy





FineReader Professional Edition, Advanced internet research skills, Professional programs.

Social and Community Activities: -

