Name	Sergii Hubka
Position, Department/Faculty	Associate Professor, Department of Computer Science and Information Technologies / Faculty of Aircraft Control Systems
Academic Degree, Academic Title	Candidate of Technical Sciences, Associate Professor
Email:	s.gubka@khai.edu
Scopus Author ID:	59400746200
Web of Science ResearcherID:	-
ORCID iD:	0000-0002-1981-0789
Google Scholar:	https://scholar.google.com.ua/citations?user=O7ZvhOMAAAAJ&hl=uk
ResearchGate:	-

EDUCATION:

Basic education (university, major, year of graduation):
Engineer-mechanic of Applied Mathematics Kharkiv Aviation Institute, [1971 –1977]

Postgraduate/Doctoral studies:
Postgraduate student, Kharkiv Aviation Institute, [1979-1982]
Candidate of Technical Sciences, Kharkiv institute of radioelectronics, 1984
Associate Professor, Kharkiv Aviation Institute, 1991

Additional training, certification programs:
None

WORK EXPERIENCE:

Professional Career (Workplace, Years, Position):

Sep 1977 – Aug 1979	Engineer and junior research fellow, Department of Automated Control Systems (ACS) of the Kharkiv Aviation Institute research activity, teaching.
Sep 1979 – Apr 1985	Senior research fellow, Department of Automated Control Systems (ACS) of the Kharkiv Aviation Institute research activity, teaching.
Apr 1985 – Apr 1990	Assistant, Department of Information Control Systems, National Aerospace University "Kharkiv Aviation Institute" research activity, teaching.
Apr 1990 - present	Associate Professor, Department of Information Control Systems, National Aerospace University "Kharkiv Aviation Institute" research activity, teaching.

Teaching Experience:

Apr 1979 – Apr 1988	Assistant, Department of Information Control Systems, National Aerospace University "Kharkiv Aviation Institute", Kharkiv, Ukraine
Apr 1988 - present	Associate Professor, Department of Information Control Systems, National Aerospace University "Kharkiv Aviation Institute", Kharkiv, Ukraine

RESEARCH ACTIVITIES:

Main Research Areas:
Operation systems, Computer architecture.

Number of Publications (Scopus, WoS, others):
Over 150 scientific publications, including indexed articles in Scopus and Web of Science databases; multiple conference proceedings and applied research outputs.

Monographs, Textbooks:
Co-author of 7 monographs and 3 textbooks in the fields of Programming, Testing, Operation systems, Computer architecture, Cybersecurity and information protection.

Participation in Scientific Conferences:
Regular participant (more 100) and speaker at international and national scientific conferences on information technology's, cybersecurity and information protection).

TEACHING ACTIVITIES:

Courses Taught:
1. Operation systems (Bachelor), National Aerospace University "Kharkiv Aviation Institute"
2. Introduction to the specialty (Bachelor), National Aerospace University "Kharkiv Aviation Institute"
3. Information systems testing (Bachelor), National Aerospace University "Kharkiv Aviation Institute"
4. Information protection technologies (Bachelor), National Aerospace University "Kharkiv Aviation Institute"
5. Information protection in computer systems (Bachelor), National Aerospace University "Kharkiv Aviation Institute"
6. Software systems testing (Bachelor), National Aerospace University "Kharkiv Aviation Institute"

Author Courses, Academic Programs:
1. Operation systems (Bachelor), National Aerospace University "Kharkiv Aviation Institute"
2. Introduction to the specialty (Bachelor), National Aerospace University "Kharkiv Aviation Institute"

Methodological Materials, Textbooks:
Co-author of textbooks in the field of information technology's, operation systems and information protection. Developed electronic resources and video materials for hybrid and online teaching (LMS: Pilot, Moodle)

GRANTS AND PROJECTS:

None

PROFESSIONAL ACHIEVEMENTS AND AWARDS:

Repeatedly awarded honorary diplomas of the faculty, has letters of thanks, was included in the honor roll of the faculty of SULA.

Membership in Professional Associations:

2021 – present	Member of the PO Ukrainian Scientific and Educational IT Society

INTERNATIONAL ACTIVITIES:

None

SELECTED PUBLICATIONS:

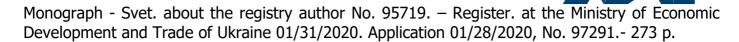### Key Articles (Scopus, WoS, others):

1. Models and information technology of aging management of man-made systems in the conditions of modern risks [Text] / O. Fedorovich, L. Lutai, O. Uruskiy, S. Gubka, Yu. Leshchenko // Radioelectronic and Computer Systems. – 2024. – № 3 (111). – P. 175-189. DOI: https://doi.org/10.32620/reks.2024.3.12.

Books, Chapters in Collective Monographs:

1. Hubka S.O., Hubka O.S., Dergachov V.A. Hardware security of information systems/Monograph - Svid. about the registry author. rights No. 84255. – Register. at the Ministry of Economic Development and Trade of Ukraine 01/10/2019. application 11/13/2018, No. 85239. – 99 p.
2. Hubka S.O., Hubka O.S., Dergachov V.A. Logical processors/ Monograph - Svid. about the registry author. rights No. 84710. – Register. at the Ministry of Economic Development and Trade of Ukraine on January 22, 2019. application 01/03/2019, No. 86611. – 84 p.
3. Fedorovich O.E., Hubka S.O., Hubka O.S., Dergachov V.A. Information systems. Algorithmic approach / Monograph - Svet. about the registry author No. 90477. – Register. at the Ministry of Economic Development and Trade of Ukraine 07/05/2019. appl. 03.0062019, No. 91367.- 323 p.
4. Hubka S.O., Hubka O.S., Dergachov V.A. Algorithmic transformations in information systems / Monograph - Svet. about the registry author No. 95024. – Register. at the Ministry of Economic Development and Trade of Ukraine on December 26, 2019. application 12/12/2019, No. 96491.- 358 p.
5. Fedorovich O.E., Hubka S.O., Hubka O.S., Dergachov V.A. Information and diagnostic systems /

Monograph - Svet. about the registry author No. 95719. – Register. at the Ministry of Economic Development and Trade of Ukraine 01/31/2020. Application 01/28/2020, No. 97291.- 273 p.

Links to Citation Database Profiles:
https://www.scopus.com/authid/detail.uri?origin=resultslist&authorId=59400746200
https://scholar.google.com.ua/citations?user=O7ZvhOMAAAAJ&hl=uk

ADDITIONAL INFORMATION:

Language Proficiency:

Language	Proficiency Level	Certification / Notes
Ukrainian	Native	
English	Elementary (A2)	

IT Skills:

Category	Skills / Tools	Level / Experience	Notes / Context
Hardware	BIOS	Advanced	Courses, research, commercial projects
Databases	MS SQL, MySQL, PostgreSQL, MongoDB	Advanced	Research and applied projects
Operation system	MS DOS, Windows, MacOS, Linux (Ubuntu, Debian, Fedora) , Unix (FreeBSD), Android, iOS	Advanced	Courses, research, commercial projects
Office Program	MS Office, Google Docs, Adobe Photoshop, Zoom, Team.	Advanced	Courses, research, commercial projects

Social and Community Activities:
1. Performs the duties of deputy head of department 302 for educational and methodological work.
2. Is a member of the scientific and methodological commission of the university and a member of the EC for the defense of qualification theses of bachelors and masters.