



<b>Name</b>	Andrii Pohudin
<b>Position, Department/Faculty</b>	Associate Professor Department of Space Technology and Non-Conventional Energy Sources
<b>Academic Degree, Academic Title</b>	PhD
<b>Email:</b>	a.pohudin@khai.edu
<b>Scopus Author ID:</b>	<a href="https://www.scopus.com/authid/detail.uri?authorId=57214223045">https://www.scopus.com/authid/detail.uri?authorId=57214223045</a>
<b>Web of Science ResearcherID:</b>	<a href="https://www.webofscience.com/wos/author/record/15650971">https://www.webofscience.com/wos/author/record/15650971</a>
<b>ORCID iD:</b>	<a href="https://orcid.org/0000-0002-8673-2119">https://orcid.org/0000-0002-8673-2119</a>
<b>Google Scholar:</b>	<a href="https://scholar.google.com.ua/citations?user=bYBVpHUAAAAJ&amp;hl=ru">https://scholar.google.com.ua/citations?user=bYBVpHUAAAAJ&amp;hl=ru</a>
<b>ResearchGate:</b>	<a href="https://www.researchgate.net/profile/Andrii-Pohudin">https://www.researchgate.net/profile/Andrii-Pohudin</a>

## EDUCATION:

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

National Aerospace University "Kharkiv Aviation Institute" Aircraft and Complex Control Systems Engineer 27.012.2004

### Postgraduate/Doctoral studies:

142 Energy engineering 2016

## WORK EXPERIENCE:

### Professional Career (Workplace, Years, Position):

National Aerospace University "Kharkiv Aviation Institute" 10 years experience

### Teaching Experience:

10 years of teaching experience

## RESEARCH ACTIVITIES:

### Main Research Areas:

142 Energy engineering

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

24

### Monographs, Textbooks:



**Participation in Scientific Conferences:**

4

**TEACHING ACTIVITIES:****Courses Taught:**

Instrumental Solutions  
Dynamics of Space Flight  
Methods for Electrical Appliances  
Energy Sources and Processes  
Introduction to the profession

**Author Courses, Academic Programs:**

Dynamics of Space Flight  
Methods for Electrical Appliances  
Energy Sources and Processes

**Methodological Materials, Textbooks:**

Systems modeling:  
training manual for independent work  
Intelligent data analysis  
Algorithmization and programming  
Fundamentals of programming

**INTERNATIONAL ACTIVITIES:****Teaching/Lecturing Abroad:**

International Innovation and Applied Center "Aquatic Artery" 2021.

**SELECTED PUBLICATIONS:****Key Articles (Scopus, WoS, others):**

1. Organization of atmospheric air monitoring in Kharkiv  
Environmental safety and natural resources 2023-12-26 | Journal article  
DOI: 10.32347/2411-4049.2023.4.81-90  
Contributors: П.Г. Кириєнко; Є.М. Варламов; В.А. Квасов; С.О. Лобов
2. Research of technologies for the extraction of heavy metals from industrial wastewater  
Environmental safety and natural resources  
2023-06-28 | Journal article  
DOI: 10.32347/2411-4049.2023.2.54-65  
Contributors: П.Г. Кириєнко; О.В. Бетін; М.І. Захарченко; С.О. Лобов; К. Мсаллам
3. Simulation of Multi-Phase Flow to Test the Effectiveness of the Casting Yard Aspiration System  
Computation 2023-06-20 | Journal article  
DOI: 10.3390/computation11060121  
Contributors: Serghii Lobov; Yevhen Pylypko; Viktoriya Kruchyna; Ihor Bereshko
4. Comprehensive content of safety of vital activity (2020). Environmental safety and natural resources. 35. 22-29.



Contributors: Sadicov, Gennadiy & Kyrienko, Petro & Lobov, Sergii.  
DOI: 10.32347/2411-4049.2020.3.22-29

## **ADDITIONAL INFORMATION:**

### **IT Skills:**

15 years of experience as a system administrator



**NATIONAL AEROSPACE UNIVERSITY  
«KHARKIV AVIATION INSTITUTE»**

