



## Sergii Boichenko

**Date of birth:** 12 Apr 1968 | **Nationality:** Ukrainian | **Gender:** Male | **Phone number:**  
(+380) 0934570113 (Mobile) | **Email address:** [chemmotology1@gmail.com](mailto:chemmotology1@gmail.com) |

**Address:** Kustanaisksya, 2, 27, Kustanaisksya, 2, 27, 03118, Kyiv, Ukraine  
(Home)

### ABOUT ME

#### PERSONAL SCIENCEMETRIC ONLINE PROFILES:

**ORCID ID number** - <https://orcid.org/0000-0002-2489-4980> .

**Scopus** Author ID: 6506607338

<https://www.scopus.com/authid/detail.uri?authorId=6506607338> .

**Publons Web of Science** - ResearcherID - AAB-1442-2022

[https://publons.com/wos-op/researcher/3907091/sergii-boichenko/;](https://publons.com/wos-op/researcher/3907091/sergii-boichenko/)

**Google Scholar** -

<https://scholar.google.com.ua/citations?hl=ru&user=2cqMhRMAAAAJ>

The main Scientific direction is the Efficient and Rational Use of Fuels, Lubricants & Technical liquids (Chemmotology).

Actively working above introduction of Alternative Fuels in an Aviation (SAF) and increase of Ecological properties of Fuels, Lubricants & Technical liquids.

Increase the effectiveness of the prevention of motor fuel losses from evaporation during various technological operations. I am mastering a new direction – ekologistics (reversible logistics), utilization and recycling of transport's operational materials.

Over 220 publications.

Among them 5 textbooks, 9 manuals, 7 monographs and 45 patents.

Participation in Domestic and Foreign Congresses and Scientific Conferences (including Warsaw, Krakow, Rzeszow, Rome, Istanbul, Budapest, Houston (USA)) – 123 (including 42 Foreign Conferences).

Hirsch Index: 10 – in Scopus, 6 – in Web of Science

Promoter of 6 Phd and 2 full doctoral dissertations;

2 open doctoral degrees;

Reviewer of 9 Phd dissertations;

Publishing Reviewer of 7 monographs and manuals;

Reviewer of dissertations, publications and scientific articles – 24;

Reviewer of Research Projects – 28.

### WORK EXPERIENCE

4 OCT 1990 – 30 APR 1991 Kyiv, Ukraine

#### ENERGY SYSTEMS ENGINEER NATIONAL AVIATION UNIVERSITY

Started working experience in 1990-1991 at the Civil Aviation Plant № 410. In 1998-2006 I was the head of the Petroleum Products Testing Center of the Ukrainian Center for Aviation Chemmotology and Product Certification «UCACH-SEPRO». In 2005 I was the head the Ukrainian Research and Training Center of Chemmotology and Certification of Fuel and Lubricants and Technical Fluids. In 2007 I founded and became the head of the chemmotology department of the National Aviation University. At the same time he was appointed Deputy Vice-Rector of the University for scientific work. Since 2011, after the reorganization of the Department of chemmotology, I headed the Department of Ecology at the Institute of Environmental Safety of the National Aviation University.

1992–1995 – an Engineer and post-graduated student of research laboratory;

1995–1996 – an Engineer of Department of technical operation of storage, transportation, fueling;

1996–1998 – Professor Assistant of Department of chemistry and Fuels and Lubricants;

1998–2005 – Associate Professor of Department of Chemistry and Chemical Technology, Chief of Testing Center of petroleum products Accredited by the International Standard ISO 17025 (National Aviation University)

2005–2007 – Professor of Department of Chemistry and Chemical Technology (National Aviation University)

2007–2008 – Assistant of Vice-Rector on scientific-research work (National Aviation University)

2007–2011 – Head of the Department of Chemmotology, Chief of the Ukrainian Research and Educational Center of Chemmotology and Certification of Fuels, Lubricants and Technical liquids (National Aviation University)

2011–2018 – Head of the Department of Ecology, Chief of the Ukrainian Research and Educational Center of Chemmotology and Certification of Fuels, Lubricants and Technical liquids (National Aviation University)

05.2018–02.2019 – Director of the Education-Research Institute of Environmental Safety (National Aviation University)

02.2019–11.2020 – Dean of the Faculty of Environmental Safety, Engineering and Technology (National Aviation University)

11.2020–30.06.2021 – Supervisor of the Ukrainian Research and Educational Center of Chemmotology and Certification of Fuels, Lubricants and Technical liquids

01.09.2021–01.02.2022 – Professor of Heat Engineering and Energy Saving Department (National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute")

01.02.2022–till now – Head of the Department of Automation of Electrical and Mechatronic Complexes (National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute, Educational and Scientific Institute of Energy Saving and Energy Management

1991 – 1995 Kyiv, Ukraine

**ENERGY SYSTEMS ENGINEER NATIONAL AVIATION UNIVERSITY**

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an Engineer and post-graduated student of research laboratory;

1994 – 1996 Kyiv, Ukraine

**ENERGY SYSTEMS ENGINEER NATIONAL AVIATION UNIVERSITY**

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an Engineer of Department of technical operation of storage, transportation, fueling;

1995 – 1998 Kyiv, Ukraine

**ENERGY SYSTEMS ENGINEER NATIONAL AVIATION UNIVERSITY**

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Professor Assistant of Department of chemistry and Fuels and Lubricants;

1997 – 2005 Kyiv, Ukraine

**ENVIRONMENTAL CHEMIST NATIONAL AVIATION UNIVERSITY**

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Associate Professor of Department of Chemistry and Chemical Technology, Chief of Testing Center of petroleum products Accredited by the International Standard

2004 – 2007 Kyiv, Ukraine

**ENVIRONMENTAL CHEMIST NATIONAL AVIATION UNIVERSITY**

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Professor of Department of Chemistry and Chemical Technology

2006 – 2008 Kyiv, Ukraine

**ENERGY SYSTEMS ENGINEER NATIONAL AVIATION UNIVERSITY**

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Assistant of Vice-Rector on scientific-research work

2006 – 2011 Kyiv, Ukraine

**ENERGY SYSTEMS ENGINEER NATIONAL AVIATION UNIVERSITY**

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Head of Department of Chemmotology, chief of the Ukrainian Research and Educational Center of Chemmotology and Certification of Fuels, Lubricants and Technical liquids

2010 – 2018 Kyiv, Ukraine

**ENVIRONMENTAL CHEMIST NATIONAL AVIATION UNIVERSITY**

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Head of Department of Ecology, chief of the Ukrainian Research and Educational Center of Chemmotology and Certification of Fuels, Lubricants and Technical liquids

2017 – 2019 Kyiv, Ukraine

**ENVIRONMENTAL CHEMIST NATIONAL AVIATION UNIVERSITY**

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Director of the Education-Research Institute of Environmental Safety

2018 – 2020 Kyiv, Ukraine

**ENERGY SYSTEMS ENGINEER NATIONAL AVIATION UNIVERSITY**

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Dean of the Faculty of Environmental Safety, Engineering and Technology

2019 – 30 JUN 2021 Kyiv, Ukraine

**ENERGY SYSTEMS ENGINEER NATIONAL AVIATION UNIVERSITY**

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Supervisor of the Ukrainian Research and Educational Center of Chemmotology and Certification of Fuels, Lubricants and Technical liquids

1 SEP 2021 – 1 FEB 2022 Kyiv, Ukraine

**PROFESSOR OF HEAT ENGINEERING AND ENERGY SAVING DEPARTMENT NATIONAL TECHNICAL UNIVERSITY OF UKRAINE "IGOR SIKORSKY KYIV POLYTECHNIC INSTITUTE"**

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1 FEB 2022 – CURRENT Kyiv, Ukraine

**HEAD OF THE DEPARTMENT OF AUTOMATION OF ELECTRICAL AND MECHATRONIC COMPLEXES, INSTITUTE, EDUCATIONAL AND SCIENTIFIC INSTITUTE OF ENERGY SAVING AND ENERGY MANAGEMENT NATIONAL TECHNICAL UNIVERSITY OF UKRAINE "IGOR SIKORSKY KYIV POLYTECHNIC INSTITUTE"**

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## ● EDUCATION AND TRAINING

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1984 – 1992 Kyiv, Ukraine

**SPECIALTY «OPERATION OF AIR TRANSPORT», QUALIFIED AS A ENGINEER-MECHANIC FOR THE TECHNICAL OPERATION OF DEVICE STORAGE, TRANSPORTATION, FILLING AND CONTROL THE QUALITY OF FUELS AND LUBRICANTS** Kiev Institute of Engineers of Civil Aviation

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**Address** Kosmonavt Komarov ave. 1, 03058, Kyiv, Ukraine | **Website** <https://nau.edu.ua/>

1991 – 1996 Kyiv, Ukraine

**POST-GRADUATED STUDENT** International University of Civil Aviation in Kiev, Faculty of Air and Special Transport

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**Address** Kosmonavt Komarov ave. 1, 03058, Kyiv, Ukraine | **Website** <https://nau.edu.ua/>

1997 – 2004 Kyiv, Ukraine

**DOCTORAL STUDENT** National Aviation University, Faculty of Environmental Safety.

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**Address** Kosmonavt Komarov ave. 1, 03058, Kyiv, Ukraine

2006 – 2012 Kyiv, Ukraine

**PRODUCT CERTIFICATION AUDITOR** National Accreditation Agency

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**Address** Generala Almazova, 18/7, 01133, Kyiv, Ukraine | **Website** <https://naau.org.ua/kontakti/?lang=en>

2004 – 2017 Kyiv, Ukraine

**SUPERVISOR, CHIEF** Ukrainian Research & Educational Center of Chemmotology and Certification of Fuels, Lubricants

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**Address** Kosmonavt Komarov ave. 1, Kyiv, Ukraine

2010 – 2019 Rzeszów, Poland

**VISITING PROFESSOR** Rzeszow University of Technology

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**Address** al. Powstańców Warszawy 12, 35-959, Rzeszów, Poland | **Website** <https://wbmil.prz.edu.pl/>

**Address** Borysa Hrinchenka, 1,, 01001, Kyiv, Ukraine |

**Website** [https://en.naqa.gov.ua/#:~:text=The major strategic goals of,of higher education quality assurance.](https://en.naqa.gov.ua/#:~:text=The+major+strategic+goals+of,+of+higher+education+quality+assurance.)

**Address** Borysa Hrinchenka, 1, , 01001, Kyiv, Ukraine | **Website** <https://nrfu.org.ua/en/>

## ● LANGUAGE SKILLS

Mother tongue(s): **UKRAINIAN**

Other language(s):

|                | UNDERSTANDING |         | SPEAKING          |                    | WRITING |
|----------------|---------------|---------|-------------------|--------------------|---------|
|                | Listening     | Reading | Spoken production | Spoken interaction |         |
| <b>ENGLISH</b> | A2            | A2      | A2                | B2                 | A2      |
| <b>RUSSIAN</b> | C2            | C2      | C2                | C2                 | C2      |
| <b>POLISH</b>  | A2            | A2      | A2                | A2                 | A1      |

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*

## ● DIGITAL SKILLS

Microsoft Word | Microsoft Excel | Microsoft Office | Zoom | Skype | Google Drive | Microsoft Powerpoint | LinkedIn | Instagram | Facebook | KIZOA | Basic knowledge of Canva | Skype Whatsapp Viber | WhatsApp Telegram | Screencastify | MovAvi (video making) | MS Office (MS Word; MS PowerPoint; MS Excel; MS Publisher; MS Outlook; MS Teams) | G-Suite Google (Google Classroom, Google Meet, Google Docs, Google Forms, etc.)

**My Digital**

## ● COMMUNICATION AND INTERPERSONAL SKILLS

### Scientist, Manager

- Founder and organizer of a series of international scientific and technical conferences "Theory and practice of rational use of traditional and alternative fuels and lubricants" (2006–2021).
- Founder and organizer of the All-Ukrainian competition of student research papers "Youth and progress in rational use" (2015–2020).
- Academician of the Ukrainian Oil and Gas Academy.
- Reviewer and Member of the Scientific and Methodological Commission of Ministry of Education and Science of Ukraine;
- Reviewer and Member of the Scientific Council of Ministry of Education and Science of Ukraine;
- Member of editorial boards of magazines: Oil and Gas Industry of Ukraine, Energy Technologies and Resource Saving, Eastern European Journal of Advanced Technologies;
- Winner of the «Leader of the Fuel and Energy Complex of Ukraine» (2005) in the nomination «Scientist»;
- Awarded a State Awards with the badge «For Merit» of the State Consumer Standard of Ukraine (2009) and the medal «Excellence in Education of Ukraine» (2011) and the medal «For Scientific and Educational Achievements» (2019), Diploma of the Verkhovna Rada of Ukraine (2024).