

## Curriculum Vitae

**Name** *Oleksandr Povstianoi*

**Family status** *married*

**Date of Birth** *06.06.1978*

**Place of Birth** *Kovel - Ukraine*

**Position** *Dr Sci / Professor*

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### DEGREES RECEIVED:

<b><u>Degree</u></b>	<b><u>Institution</u></b>	<b><u>Department</u></b>	<b><u>Year</u></b>
MSc	Lutsk State Technical University (Ukraine)	Modern Technologies in Mechanical Engineering	2003-2008
PhD		Applied mechanics and mechatronics	2009
DSn		Applied Mechanics and Mechatronics	from 2022 to present

### WORK EXPERIENCE:

<b><u>Rank/Position</u></b>	<b><u>Dates</u></b>	<b><u>Department</u></b>	<b><u>Institution/Company name</u></b>
Head of the Department of Automation and Computer-Integrated Technologies, LNTU	from 2024 to present	Faculty of Computer and Information Sciences	Lutsk National Technical University (Ukraine)
Deputy Dean	from 2022 to 2024	Faculty Transport and Mechanical Engineering in partnership	Lutsk National Technical University (Ukraine)
Deputy Dean	2019-2021	Faculty of Computer Science and Information Technology	
Deputy Dean	2017-2019	Faculty of Technology	
PhD in Technical Science	2008-2021	Computer Design of Machine Tools and Mechanical Engineering Technologies	
Associate professor Assistant	2007-2010 2003-2008	Computer Engineering Modern Technologies in Mechanical Engineering	
PhD in Technical Science	from 2008 to present	Materials Science	
Senior lecturer	2003-2007		

### INTERNSHIPS:

17.05.2021-25.06.2021	Professional development according to the direction of the department in Bialystok University of Technology
2014- to present	Scientific researcher (Interagency Laboratory of Structurally Heterogeneous Materials of Lutsk NTU)
21.09.2012-14.01.2013	Scientific researcher (Glyndŵr University, Wales, UK)
2011- to present	Designer (Delcam Lutsk Training Center NTU)
2008-to present	Head of the Volyn branch (Institute of Problems of Materials Science. name Frantsevich NAS of Ukraine)

## NUMBER OF WORKS PUBLISHED IN SCIENTIFIC JOURNALS AND CONFERENCE PROCEEDINGS:

<https://orcid.org/0000-0002-1416-225X>

total 135 publications including,

87 - publications in scientific journals and in the Conference Scripts

4 – monographs, 2 – textbook, 14 - invention and utility model patents

## TOPICS OF NEW RESEARCH PROJECTS:

Development environmentally friendly thermoplastic structural materials on a natural vegetable basis, designed for a wide range of applications as an alternative to conventional plastics, in particular for additive technology of forming products.

Is engaged in forecasting and optimization of the properties of structural purpose parts on the basis of computer-integrated technologies.

## RESEARCH EXPERTISE:

- Microstructure, Powder Metallurgy, Corrosion Material, Characterization Mechanical Behavior of Materials, Metallurgical Engineering Material, Characteristics Powder Technology, Surface, Engineering, Plasticity, Mechanical Engineering, Manufacturing Engineering
- Permanent Member - International Association for Technological Development and Innovation (iATDi)
- Ukrainian Materials Science Society. IM Frantsevich, European Material Science Society (E-MRS)
- Member of editorial and scientific committees of international scientific publications: SCIENTIFIC NOTES (Collection of scientific papers), Ukraine; Computer-Integrated Technologies: Education, Science,
- Production Magazine
- Member of scientific boards and committees of international conferences: International Conference «Design, Modeling, Production: Innovative Exchange, DSMIE-2019, 2020, 2021, 2022, 2023, 2024, 2025 The 2nd EAI World Congress of Engineering and Technology; The Grabchenko's International Conference on Advanced Manufacturing Processes, InterPartner-2019, 2020, 2021, 2022, 2023, 2024, 2025 Innovation and their sustainable development, WCETIS

## TEACHING COURSES:

“Mathematical Modeling”, “CAD/CAM/CAE technologies in mechanical engineering”, “3D technologies in mechanical engineering”, “Computer technologies”, “Materials from renewable sources”, «Materials science and technology of structural materials»

## PERSONAL SKILLS AND COMPETENCES

### Languages:

**Ukrainian** native language

**English** basic knowledges (B2)

**Polish** basic knowledges (B1)

**Scopus** <https://www.scopus.com/authid/detail.uri?authorId=56677779400>

**Researchgate.net:** <https://www.researchgate.net/profile/O-Povstyanoi>

**LinkedIn:** <https://www.linkedin.com/in/oleksandr-povstianoi-65712a33a/>

### GoogleScholar:

<https://scholar.google.com/citations?user=uuzQExMAAAAJ&hl=ru&scioq=%D0%BF%D0%BE%D0%B2%D1%81%D1%82%D1%8F%D0%BD%D0%BE%D0%B9+%D0%B0%D0%BB%D0%B5%D0%BA%D1%81%D0%B0%D0%BD%D0%B4%D1%80>

**List of keywords:** computational materials science, powder metallurgy, composite materials, computer-integrated technologies