

Curriculum Vitae

Name

Nataliia Imbirovych

Family status

married

Date of Birth

26.11.1980

Place of Birth

Kovel - Ukraine

Position

*PhD., associate professor
Deputy Dean of Customs Affairs, Faculty of
Materials and Technologies
n.imbirovych@lntu.edu.ua*



DEGREES RECEIVED:

<u>Degree</u>	<u>Institution</u>	<u>Department</u>	<u>Year</u>
MSc	Lutsk State	Materials Science	2002
PhD	Technical University (Ukraine)		2011

WORK EXPERIENCE:

<u>Rank/Position</u>	<u>Dates</u>	<u>Department</u>	<u>Institution/Company name</u>
Deputy Dean	from 2021 to present	Faculty of Customs, Materials and Technologies for Partnership	Lutsk National Technical University (Ukraine)
PhD in Technical Science	from 2011 to present	Materials Science	
senior lecturer	2006-2011	Materials Science	
project activity			
project coordinator	2022	"Creation of an online course "Technologies for surface treatment and restoration of products" using the best experience of European and Ukrainian practices for the manufacture and implementation of new generation implants"	House of Europe
Performer of scientific topic	2016-2020	Research of manufacturing process of constructional and tribotechnical purposes with set of controlled properties	Lutsk National Technical University (Ukraine)
Performer of scientific topic	2017-2018	Development of technologies for obtaining materials for structural and tribotechnical purposes based on industrial waste	Lutsk National Technical University (Ukraine)
Responsible executor of state-commissioned research work	2013-2014	Development of coatings with a complex of controlled properties based on plasma electrolyte technologies for tribo-products	Lutsk National Technical University (Ukraine)
Copartner	from 2015 to present	Ukrainian Materials Society	

INTERNSHIPS:

2021	Participation in the training "Project approach and inter-sectoral cooperation in the activities of a modern educational institution, OTG and RDA"
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- 2020 Participation in the seminar AUT151C "Key requirements for modern production in the context of industry 4.0. Mechanisms of the smart factory and industry of the future "
- 2020 Lesia Ukrainka Eastern European National University (Lutsk)
- 2015 Karpenko Physico-Mechanical Institute (Lviv)
- 2010 Participation in the training - Microsoft learning partnership (Lviv)

NUMBER OF WORKS PUBLISHED IN SCIENTIFIC JOURNALS AND CONFERENCE PROCEEDINGS:

<https://orcid.org/0000-0001-8276-6349>

SC 14833382800

total 71 publications including,

35 - publications in scientific journals and in the Conference Scripts

1 – monographs, 5 – textbook

TOPICS OF NEW RESEARCH PROJECTS:

Development of ecological light composite materials with the use of industrial waste and various mineral fillers.

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.

RESEARCH EXPERTISE:

- Technology of materials, experimental study of the properties of metallic alloys and oxide-ceramic coatings, metallic physics, spectral properties of electrolyte plasma at plasma-electrolytic oxidation, surface hardening of metals
- Studying the structure of metals. Determination of microhardness. X-ray structural analysis. Measuring wear resistance. Electrochemical studies. Determination of porosity of protective coatings. Measurement and interpretation of results
- Relationship between the modes of synthesis and the correlation of the properties of oxideceramic coatings synthesized in alkaline electrolytes on valve metals
- A member of the Ukrainian Materials Science Society

TEACHING COURSES:

“Diagnosis and defectoscopy of materials and products”, “The latest methods of studying the structure and properties of materials”, “Technology of surface treatment and restoration of products”, “Functional coatings”

PERSONAL SKILLS AND COMPETENCES

Languages:

Ukrainian native language

English basic knowledges (B2)

Polish basic knowledges (B1)

Google Scholar: <https://scholar.google.com.ua/citations?user=DdepJHUAAA AJ&hl=uk>

Researchgate.net: <https://www.researchgate.net/profile/Natalia-Imbirovych>

Academia.edu: <https://independent.academia.edu/НаталяІмбірович>