PERSONAL INFORMATION

SVITLANA KHURSENKO

29/20, Prospekt Svobody, Sumy, 40016, Ukraine

+38 (0542) 70-11-58 + 38 (097) 697-42-27

svitlana.khursenko@snau.edu.ua; khursenkosvetlana@gmail.com

https://itf.snau.edu.ua/en/chairs/department-of-occupational-safety-and-physics/staff-of-the-department-of-occupational-safety-and-physics/svitlana-hursenko-head-of-department/

Replace with type of IM service Viber + 38 (097) 697-42-27

Sex Female | Date of birth 28/07/1978 | Nationality Ukrainian

LINKS TO RESEARCH PROFILES ON WEB PLATFORMS

ORCID http://orcid.org/0000-0001-6307-2042
Scopus https://www.scopus.com/authid/detail.uri?authorId=55202102800
Google Scholar https://scholar.google.com.ua/citations?user=KEiqQ0MAAAAJ&hl=uk

WORK EXPERIENCE

02.04.2026 till present

Dean at the Faculty of Engineering and Technology

Sumy National Agrarian University, 160 H.Kondratiieva Str., Sumy, 40021, Ukraine
https://snau.edu.ua/

- educational activities
- organization and holding of international and all-Ukrainian scientific and practical conferences and industry events
- methodical and logistical support of the department, scientific development and cooperation with employers

Higher Educational Institution (Agricultural Sector)

01.09.2025 till present

Associate Professor of the Higher Mathematics and Physics Department

Sumy National Agrarian University, 160 H.Kondratiieva Str., Sumy, 40021, Ukraine
https://snau.edu.ua/

- teaching and scientific activity in the sphere of Solid state physics, Physics, Engineering, Communications in an international environment, Higher school pedagogy

Higher Educational Institution (Agricultural Sector)

01.09.2017 – 31.08.2025

Head of the Department of Occupational Safety and Physics

Sumy National Agrarian University, 160 H.Kondratiieva Str., Sumy, 40021, Ukraine
https://snau.edu.ua/

- teaching and scientific activity in the sphere of Solid state physics, Physics, Engineering, Communications in an international environment, Higher school pedagogy
- methodical and logistical support of the department, scientific development and cooperation with employers

Higher Educational Institution (Agricultural Sector)

01.09.2015 – 31.08.2017

Associate Professor at the Electrical Systems in Agriculture and Physics Department

Sumy National Agrarian University, 160 H.Kondratiieva Str., Sumy, 40021, Ukraine
https://snau.edu.ua/

- teaching and scientific activity in the sphere of Solid state physics, Physics, Engineering

Higher Educational Institution (Agricultural Sector)

01.09.2004 – 31.08.2015

Associate Professor at the Physics Department

Associate Professor (01.09.2008 – 31.08.2015) of the Physics Department

Assistant, teacher, senior teacher (01.09.2004 – 31.08.2008) of the Physics Department

Sumy State Pedagogical University named after A.S. Makarenko, 87 Romenskaya Str., Sumy, 40002, Ukraine

- teaching and scientific activity in the sphere of Solid state physics, Physics

Higher Educational Institution (Physics and Mathematics Faculty)

EDUCATION AND TRAINING

11.2001 – 11.2004

PhD (Physical and Mathematical Sciences) 8 EQF

PhD award date 09.04.2008

Sumy State Pedagogical University named after A.S. Makarenko, Ukraine

09.2000-06.2001

Master researcher in physics 7 EQF

Sumy State Pedagogical University named after A.S. Makarenko, Ukraine

PERSONAL SKILLS

Mother tongue(s): Ukrainian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
Russian	C2	C2	C2	C2	C2

Communication skills

- I can and I am used to work in the team. I have good communication skills.

Organisational / managerial skills

- I am responsible for organizing and maintaining the quality of education at the Faculty of Engineering and Technology.

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Independent user	Independent user	Independent user	Independent user	Independent user

Levels: Basic user - Independent user - Proficient user
Digital competences - Self-assessment grid

- good command of office suite (word processor, spread sheet, presentation software)

ADDITIONAL INFORMATION

Projects

International projects:

- international academic mobility within the framework of the international project Erasmus+ Program. Key Action 1. Learning mobility for higher education students and staff 2022-2025 (Czech University of Life Sciences, SNAU), 20-30/04/2025, 90 hours, 3 ECTS credits
- international academic mobility within the framework of the international project DAAD Project 57759235 "Deutschsprachiger Masterstudiengang Agrarmanagement", seminar "Modern Curricula in Farm Management", Weihenstephan-Triesdorf University of Applied Sciences, 09-15/11/2025, 30 hours, 1 ECTS credit
- Virtual international mobility «Series of Lectures for Early-career Researchers by Experts, Czech University of Life Sciences Prague» в рамках проекту AgriSci-UA Platform: Strengthening Research Capacities and Deepening Collaboration Among Ukrainian Universities in Agricultural Sciences, Czech University of Life Sciences, 2025, 180 hours, 6 ECTS credits

Publications

The most recent publications are:

1. Loboda V.B., Khursenko S.M., Kravchenko V.O., Zubko V.M. Electrical conductivity of thin films of copper-nickel alloys // Journal of Nano- and Electronic Physics, 2026, V.18, Is.1, 01013(7pp). https://doi.org/10.21272/jnep.18(1).01013
2. Khursenko S.M. Study of the Phase Composition and Structure of Nanocrystalline Films of NiCo Alloys / V.B. Loboda, S.M. Khursenko, V.M. Zubko, V.O. Kravchenko, T.V. Khvorost // Proceedings of the 2025 IEEE 15th International Conference on Nanomaterials: Applications and Properties, NAP. – 2025. – pp. MTFC061 - MTFC068. https://doi.org/10.1109/NAP68437.2025.11216284

3. Khursenko S.M. Study of the Elemental Composition of Thin Films of CoNi and FeNi Alloys by X-ray Spectral Microanalysis/ V.B. Loboda, S.M. Khursenko, V.O. Kravchenko, V.M. Zubko, A.V. Chepizhnyi // Journal of Nano- and Electronic Physics, 2025, V.17, Is.2, pp. 02020 (8pp.). https://doi.org/10.21272/jnep.17(2).02020
4. Khursenko S.M. Orbitron pump with nitrogen cryopanel / V.B. Loboda, V.M. Zubko, S.M. Khursenko, V.O. Kravchenko, A.V. Chepizhnyi // Problems of Atomic Science and Technology, 2024, V.1, pp. 38-43. https://doi.org/10.46813/2024-149-038
5. Khursenko S.M. SIMS Analysis of Copper-Nickel Thin Films Alloys / V.B. Loboda, V.M. Zubko, S.M. Khursenko, V.O. Kravchenko, A.V. Chepizhnyi // Journal of Nano- and Electronic Physics, 2024, V.16, Is.1, 01011 (6pp.). https://doi.org/10.21272/jnep.16(1).01011
6. Khursenko S.M. Phase Composition and Structure of Nanocrystalline Films of NiCu, NiCo, and NiFe Alloys / V.B. Loboda, S.M. Khursenko, V.O. Kravchenko // Advanced Structured Materials, 2024, Vol.214, Pages 201-236. https://doi.org/10.1007/978-981-97-2667-7_8
7. Khursenko S.M., Loboda V.B., Zubko V.M., Kravchenko V.O., Chepizhnyi A.V. X-Ray Spectral Microanalysis of Copper-Nickel Thin Films Alloys // Journal of Nano- and Electronic Physics, 2023, 15(5), 05014. https://doi.org/10.21272/jnep.15(5).05014
8. Khursenko S.M., Loboda V.B., Zubko V.M., Kravchenko V.O., Chepizhnyi A.V., Sarzhanov B.A. Mass Spectrometric Study of the Chemical Composition of the Gas Environment in the Zone of Electrospark Alloying // Journal of Nano- and Electronic Physics, 2023, 15(2), 02028. https://doi.org/10.21272/jnep.15(2).02028
9. Khursenko S.M., Loboda V.B., Shkurdoda Y.O., Shabelnyk Y.M., Merkotan K., Drozdenko O.O. Magneto-Optical and Magnetic Properties of Three-Layer Films Based on Permalloy and Copper // Springer Proceedings in Physics. – 2020. – No 240. – pp. 337-342. https://doi.org/10.1007/978-981-15-1742-6_32
10. Khursenko S.M., Loboda V.B., Ren J.Q., Dovzhyk M.Y., Liang M.C. High-vacuum pump of orbitron type: Electrophysical principles of work and design features // Journal of Nano- and Electronic Physics. – Vol.11(5). – 2019. – p. 05010. https://doi.org/10.21272/jnep.11(5).05010
11. Khursenko S.M., Loboda V.B., Dovzhyk M.Y., Kravchenko V.O., Shkurdoda Y.O. On the possibility of training demonstration of the giant magnetoresistance effect in higher school // Lecture Notes in Mechanical Engineering. – 2019. – pp. 81-88. https://doi.org/10.1007/978-981-13-6133-3_8
12. Khursenko S.M., Loboda V.B., Shkurdoda, Y.O., Dovzhyk, M.Y., Kravchenko, V.O. The effecti of the giant and anisotropic magnetoresistance: Demonstration and learning in the physics course of high schools // Journal of Nano- and Electronic Physics. – 2018. – Vol. 10(3). – p. 03016. https://doi.org/10.21272/jnep.10(3).03016
13. Khursenko S.M., Loboda V.B., Kolomiets V.M., Shkurdoda Y.O.The electrical conductivity of the three-layer polycrystalline films Co / Ag(Cu) / Fe in the conditions of atoms interdiffusion // Journal of Nano- and Electronic Physics. – 2014. – Vol. 6(1). – p. 04032.
14. Khursenko S.M., Loboda V.B., Shkurdoda Yu.O., Kravchenko V.O., Kolomiets' V.M. Structure and magnetoresistive properties of polycrystalline Co/Cu/Co films // Metallofizika i Noveishie Tekhnologii. – 2011. – Vol. 33(2) . – pp. 161-169.