Europass Curriculum Vitae

Personal information

First name(s) / Surname(s)	SVITLANA KHURSENKO
Address(es)	Prospekt Svobody, 29/20, 40016, Sumy, Ukraine
Telephone(s)	- Mobile: + 38 097 6974227
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E-mail	svitlana.khursenko@snau.edu.ua; khursenkosvetlana@gmail.com
Nationality	Ukrainian
Date of birth	28.07.1978
Gender	Female

Current employment / Occupational field

Associate Professor of the Occupational Safety and Physics Department, Sumy National Agrarian University

Work experience

Dates	2004-2008
Occupation or position held	Assistant, teacher, senior teacher at the Physics Department
Main activities and responsibilities	Teaching and scientific activity in the solid state physics sphere
Name and address of employer	Sumy State Pedagogical University named after A.S. Makarenko, 87 Romenskaya Str., Sumy, 40002, Ukraine
Type of business or sector	Higher Educational Institution (Physics and Mathematics Faculty)

Dates	2008-2015
Occupation or position held	Associate Professor at the Physics Department
Main activities and responsibilities	Teaching and scientific activity in the solid state physics sphere
Name and address of employer	Sumy State Pedagogical University named after A.S. Makarenko, 87 Romenskaya Str., Sumy, 40002, Ukraine
Type of business or sector	Higher Educational Institution (Physics and Mathematics Faculty)

Dates	2015-2017
Occupation or position held	Associate Professor at the Electrical Systems in Agriculture and Physics Department
Main activities and responsibilities	Teaching and scientific activity in the solid state physics sphere
Name and address of employer	Sumy National Agrarian University, 160 Herasyma Kondratieva Str., Sumy, 40000, Ukraine
Type of business or sector	Higher Educational Institution (Engineering and Technology Faculty)

Dates	2017-2025
Occupation or position held	Associate Professor of the Occupational Safety and Physics Department
Main activities and responsibilities	Teaching and scientific activity in the solid state physics sphere
Name and address of employer	Sumy National Agrarian University, 160 Herasyma Kondratieva Str., Sumy, 40000, Ukraine
Type of business or sector	Higher Educational Institution (Engineering and Technology Faculty)

Dates	2025 till now
Occupation or position held	Associate Professor of the Higher Mathematics and Physics Department
Main activities and responsibilities	Teaching and scientific activity in the solid state physics sphere
Name and address of employer	Sumy National Agrarian University, 160 Herasyma Kondratieva Str., Sumy, 40000, Ukraine
Type of business or sector	Higher Educational Institution (Engineering and Technology Faculty)

Education and training

Dates	1995-2000
Title of qualification awarded	Teacher of physics, mathematics, computer science, astronomy and life safety
Principal subjects/occupational skills covered	Pedagogy and methods of secondary education. Physics and mathematics
Name and type of organisation providing education and training	Sumy State Pedagogical University named after A.S. Makarenko, Ukraine
Level in national or international classification	Dipl. PM. (University)

Dates	2000-2001
Title of qualification awarded	Master researcher in physics
Principal subjects/occupational skills covered	Physics
Name and type of organisation providing education and training	Sumy State Pedagogical University named after A.S. Makarenko, Ukraine
Level in national or international classification	Dipl. Ing. (University)

Dates	2008
Title of qualification awarded	Candidate of Physical and Mathematical Sciences
Principal subjects/occupational skills covered	Solid State Physics
Name and type of organisation providing education and training	Sumy State Pedagogical University named after A.S. Makarenko, Ukraine
Level in national or international classification	PhD in Physical and Mathematical Sciences

Personal skills and competences

Responsibility, reliability, purposefulness, sociability

Mother tongue(s) **Ukrainian**

Other language(s) **English, Russian**

Self-assessment	Understanding				Speaking				Writing	
European level (*)	Listening		Reading		Spoken interaction		Spoken production			
English	B2	Upper intermediate	B2	Upper intermediate	B2	Upper intermediate	B2	Upper intermediate	B2	Upper intermediate
Russian	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user

(*) Common European Framework of Reference for Languages

Social skills and competences: I can, and I'm used to working in a team.

Organisational skills and competences: I am the organizer of various events for students and graduates of schools; acting as the Head of the department.

Computer skills and competences	Competent with most CAD/CAM/CAE/PDM programs
Artistic skills and competences	
Driving licence	-

Additional information:

Scientific Research Topic and Publications

1. 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.
2. 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.).
3. 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.
4. 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.).
5. 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.
6. 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
7. 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
8. Khursenko S.N., Loboda V.B., Zhmailov V.N., Dovzhyk M.Ya., Chepizhnyi A.V. Study of the work of a getter-ion ultrahigh-vacuum orbitron pump // Applied Physics. – 2021. – No 1. – pp.75-81.
9. Khursenko S.M. Optimization of the processes parameters under washing and leaching in metallurgy / S.M. Khursenko, O.B. Shandyba, G.A. Smolarov, O.V. Ryasnaya // Modern engineering and innovative technologies. – 2021. – issue №15, part 4. – pp. 28-34.
10. 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
11. 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.
12. 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.
13. Khursenko S.M., Shkurdoda Y.O., Chornous A.M., Shabelnyk Y.M., Dekhtyaruk L.V. Magnetoresistance and the domain structure of film nanostructural alloys // Proceedings of the 2018 IEEE 8th International Conference on Nanomaterials: Applications and Properties, NAP. – 2018. – p. 8914868.
14. 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.
15. 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.
16. 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.
17. Khursenko S.N., Loboda V.B. Structure and electrical conductivity of ultrathin Ni-Cu films // Journal of Experimental and Theoretical Physics. – 2006. – Vol. 103(5) . – pp. 790-794.

Projects Experience:

Annexes Scopus Rpeview / Author ID: 55202102800