



Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Svitlana Semirnenko**
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E-mail svitlana.semirnenko@snau.edu.ua
Nationality Ukrainian
Date of birth 22.10.1968
Gender Female

Current employment / Occupational field **Associate Professor of Industrial Engineering Department, Engineering and Technology Faculty, Sumy National Agrarian University**

Work experience

Dates 2006 till now
Occupation or position held University instructor (2006 –2014);
Assistant professor (2014 till now) at the Engineering and Technology Faculty
Main activities and responsibilities Teaching and scientific activity in the sphere of Designing of engineering systems
Name and address of employer Sumy National Agrarian University, 160 H. Kondratiieva Str., Sumy, 40021, Ukraine
Type of business or sector Higher Educational Institution (Agricultural Sector)

Education and training

Dates 09.1990-06.1995
Title of qualification awarded Mechanical Engineer
Principal subjects/occupational skills covered Agricultural mechanization
Name and type of organisation providing education and training Sumy Agricultural Institute (meanwhile Sumy National Agrarian University), Ukraine
Level in national or international classification Dipl. Ing. (University)
Dates 2014
Title of qualification awarded Candidate of Technical Sciences
Principal subjects/occupational skills covered environmental Safety
Name and type of organisation providing education and training Sumy National Agrarian University, Ukraine
Level in national or international classification PhD in Technical Sciences

Personal skills and competences Reliability, loyalty, sociability, energy, purposefulness

Mother tongue(s)	Ukrainian																														
Other language(s)	English																														
Self-assessment																															
European level (*)																															
English																															
Computer skills and competences	<table><tr><th colspan="4">Understanding</th><th colspan="4">Speaking</th><th colspan="2">Writing</th></tr><tr><th colspan="2">Listening</th><th colspan="2">Reading</th><th colspan="2">Spoken interaction</th><th colspan="2">Spoken production</th><th colspan="2"></th></tr><tr><td>A1</td><td>Basic User</td><td>A1</td><td>Basic User</td><td>A1</td><td>Basic User</td><td>A1</td><td>Basic User</td><td>A1</td><td>Basic User</td></tr></table> Good knowledge of Microsoft Office tools (Word, Excel and PowerPoint), computer-aided design Compass-3D, good knowledge of the Internet. - Nesvidomin, A., Pylypaka, S., Nesvidomin, V., Babka, V., Shoman, O., Savoiskyi, O., Pylypaka, T., Lokhonia, M., Semirnenko, S., & Borodai, Y. (2025). A technique for approximating a tubular helical surface with strips of toruses. <i>Eastern-European Journal of Enterprise Technologies</i>, 6(1(138)), 64–70. https://doi.org/10.15587/1729-4061.2025.343193 - Pylypaka, S., Hropost, V., Kresan, T., Volina, T., & Semirnenko, S. (2025). Design of a helical shredding drum blade and determination of its unfolding. In V. Tonkonogyi, V. Ivanov, J. Trojanowska, & G. Oborskyi (Eds.), <i>Advanced Manufacturing Processes VI. InterPartner 2024. Lecture Notes in Mechanical Engineering</i>. Springer, Cham. https://doi.org/10.1007/978-3-031-82746-4_52 - Pylypaka, S., Hropost, V., Volina, T., Kalenyk, M., Ruzhilo, Z., Dieniezhnikov, S., Tarellyk, N., Tatsenko, O., Semirnenko, S., & Motsak, S. (2024). Constructing a model of the axis form in a S-shaped riser of a cultivator paw. <i>Eastern-European Journal of Enterprise Technologies</i>, 5(1(131)), 65–71. https://doi.org/10.15587/1729-4061.2024.311404 - Kresan, T., Ahmed, A. K., Pylypaka, S., Volina, T., Semirnenko, S., Trokhaniak, V., & Zakharova, I. (2023). Construction of spherical non-circular wheels formed by symmetrical arcs of loxodromes. <i>Eastern-European Journal of Enterprise Technologies</i>, 1(1(121)), 44–50. https://doi.org/10.15587/1729-4061.2023.272400 - Melnyk, V., Vlasovets, V., Konoplianchenko, Ie., Tarellyk, V., Dumanchuk, M., Martsynkovskyy, Vas., Semirnenko, Yu., & Semirnenko, S. (2021). Developing a system and criteria for directed choice of technology to provide required quality of surfaces of flexible coupling parts for rotor machines. <i>Journal of Physics: Conference Series</i>, 1741, 012030. https://doi.org/10.1088/1742-6596/1741/1/012030 - Pylypaka, S., Volina, T., Zalevska, O., Semirnenko, S., & Hryshchenko, I. (2022). Movement of a particle on the inner surface with a preset meridian. In <i>Advanced Manufacturing Processes III. InterPartner 2021. Lecture Notes in Mechanical Engineering</i> (pp. 535–545). Springer, Cham. https://doi.org/10.1007/978-3-030-91327-4_52 - Semirnenko, S. L., & Semirnenko, Yu. I. (2023). Improvement of the technological process of orchard inter-row maintenance. <i>Bulletin of Sumy National Agrarian University. The Series: Mechanization and Automation of Production Processes</i>, 2(52), 71–80. [In Ukrainian]. https://doi.org/10.32782/msnau.2023.2.11 - Semirnenko, Yu. I., & Semirnenko, S. L. (2023). Investigation of machinery for clearing agricultural land of woody vegetation based on quality indicators. <i>Bulletin of Sumy National Agrarian University. The Series: Mechanization and Automation of Production Processes</i>, 1(51), 82–87. [In Ukrainian]. https://doi.org/10.32782/msnau.2023.1.13 - Semirnenko, S. L., & Semirnenko, Yu. I. (2024). Improvement of the technological process of potato harvesting in small-scale agricultural enterprises. <i>Bulletin of Sumy National Agrarian University. The Series: Mechanization and Automation of Production Processes</i>, 1(55), 79–84. [In Ukrainian]. https://doi.org/10.32782/msnau.2024.1.11 - Semirnenko, Yu. I., & Semirnenko, S. L. (2022). Improvement of the technological process of potato haulm removal using walk-behind tractor technology. <i>Bulletin of Sumy National Agrarian University. The Series: Mechanization and Automation of Production Processes</i>, 1(47), 36–42. [In Ukrainian]. https://doi.org/10.32845/msnau.2022.1.6 - Semirnenko, S. L., & Semirnenko, Yu. I. (2025). Transport processes for servicing combine harvesters in small-scale agricultural enterprises. <i>Bulletin of Sumy National Agrarian University. The Series: Mechanization and Automation of Production Processes</i>, 1(59), 85–90. [In Ukrainian]. https://doi.org/10.32782/msnau.2025.1.13 - Semirnenko, S. L., & Semirnenko, Yu. I. (2025). Briquetting potato haulm as a method of efficient utilization of plant biomass. <i>Visnyk of Kherson National Technical University</i>, 4(95), Part 1, 297–304. [In Ukrainian]. https://doi.org/10.35546/kntu2078-4481.2025.4.1.38 - Semirnenko, Yu. I., & Semirnenko, S. L. (2025). Optimization of transport and technological servicing of combine harvesters in small-scale agricultural enterprises. <i>Visnyk of Kherson National Technical University</i>, 4(95), Part 1, 305–311. [In Ukrainian]. https://doi.org/10.35546/kntu2078-4481.2025.4.1.39 - Semirnenko, Yu. I., Semirnenko, S. L., & Sarzhanov, O. A. (2026). Justification of the use of grain transfer carts in grain harvesting logistics. <i>Visnyk of Kherson National Technical University</i>, 2(97), 111–118. [In Ukrainian]. https://doi.org/10.35546/kntu2078-4481.2026.2.13	Understanding				Speaking				Writing		Listening		Reading		Spoken interaction		Spoken production				A1	Basic User	A1	Basic User	A1	Basic User	A1	Basic User	A1	Basic User
Understanding				Speaking				Writing																							
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Additional information: Scientific Research Topic and Publications																															
Projects Experience:																															
Annexes																															