



## Europass Curriculum Vitae



### Personal information

First name(s) / Surname(s) **Svetlana Semirnenko**  
Address(es) H. Kondratiieva Str., 148, apt. 36, 40021, Sumy, Ukraine  
Telephone(s) + 38 0542 627830 Mobile: + 38 099 7478649  
Fax(es)  
E-mail svitlana.semirnenko@snau.edu.ua  
Nationality Ukrainian  
Date of birth 22.10.1968  
Gender Female

**Current employment / Occupational field** **Assistant professor Department of design engineering systems, 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)  
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, Russian

Self-assessment

*European level (\*)*

**English**

**Russian**

| Understanding |                 |         |                 | Speaking           |                 |                   |                 | Writing |                 |
|---------------|-----------------|---------|-----------------|--------------------|-----------------|-------------------|-----------------|---------|-----------------|
| Listening     |                 | Reading |                 | Spoken interaction |                 | Spoken production |                 |         |                 |
| A1            | Basic User      | A1      | Basic User      | A1                 | Basic User      | A1                | Basic User      | A1      | Basic User      |
| 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 am used to work in the team within the framework of international educational and scientific projects

Organisational skills and competences

Computer skills and competences

Is fluent in computer. The competent with most programs.

Artistic skills and competences

Driving licence

-

**Additional information:**

1. Semirnenko S., Semirnenko Y. Improved technology for drying fuel briquettes from straw biomass. // Science, research, development.technics and technology. 30.01.2018 BERLIN (БЕРЛИН), P. 6-9.
2. Semirnenko S., Semirnenko Y. Priorities when passing the industrial practice of students of agroengineering specialties // Science, research, development.Pedagogy.#3 (Наука, исследования, развитие. Педагогика.#3) 30.03.2018- 31.03.2018 Rotterdam (The Netherlands)/ Роттердам (Голландия), P.118-123.
3. Semirnenko S., Semirnenko Y. Collection of articles and abstracts on materials of the All-Ukrainian scientific and practical conference "Modern models of development of agro-industrial production: challenges and perspectives", September 27, 2018, Glukhov, Ukraine, 2018, P. 270-279
4. V. Tarelnyk, O. Gaponova, V. Martsynkovskyy, Ie. Konoplianchenko, V. Melnyk, V. Vlasovets, A. Sarzhanov, N. Tarelnyk, Du Xin, Yu. Semirnenko, S. Semirnenko, T. Voloshko, O. Semernya, "Energy Dispersive X-Ray Microanalysis of Part Surface Layer Carburized by Electric Spark Alloying," 2020 IEEE 10th International Conference Nanomaterials: Applications & Properties (NAP), Sumy, Ukraine, 2020, pp. 01TFC13-1-01TFC13-9. (Added to IEEE Xplore: 06 January 2021) <https://doi.org/10.1109/NAP51477.2020.9309618> (SCOPUS)
5. Ie. Konoplianchenko, V. Tarelnyk, O. Gaponova, A. Belous, S. Bondarev, O. Vasilenko, Zh. Zhang, G. Smolyarov, Yu. Semirnenko, S. Semirnenko, A. Kutakh, M. Mikulina, V. Gerasimenko, "Increasing the Efficiency of Running-In the Titanium Nitride Nanostructures Formed on R6M5 and 12KH18N10T Steels by Sulphidizing with Electric Spark Alloying Method," 2020 IEEE 10th International Conference Nanomaterials: Applications & Properties (NAP), Sumy, Ukraine, 2020, pp. 01TFC14-1-01TFC14-8. (Added to IEEE Xplore: 06 January 2021) <https://doi.org/10.1109/NAP51477.2020.9309700> (SCOPUS)
6. V. Melnyk, V. Vlasovets, Ie. Konoplianchenko, V. Tarelnyk, M. Dumanchuk, Vas. Martsynkovskyy, Yu. Semirnenko, S. Semirnenko. Developing a system and criteria for directed choice of technology to provide required quality of surfaces of flexible coupling parts for rotor machines. Journal of Physics: Conference Series. 1741 (2021) pp. 012030-1 – 012030-15. <https://doi.org/10.1088/1742-6596/1741/1/012030> (SCOPUS & WoS)
7. V. Melnyk, V. Vlasovets, Ie. Konoplianchenko, V. Tarelnyk, M. Dumanchuk, Vas. Martsynkovskyy, Yu. Semirnenko, S. Semirnenko. Developing a system and criteria for directed choice of technology to provide required quality of surfaces of flexible coupling parts for rotor machines. Journal of Physics: Conference Series. 1741 (2021) pp. 012030-1 – 012030-15. <https://doi.org/10.1088/1742-6596/1741/1/012030> (SCOPUS & WoS)
8. Pylypaka S., Volina T., Zalevska O., Semirnenko S., Hryshchenko I. (2022) Movement of a Particle on the Inner Surface with a Preset Meridian. In: Tonkonogyi V. et al. (eds) Advanced Manufacturing Processes III. InterPartner 2021. Lecture Notes in Mechanical Engineering. Springer, Cham, pp. 535–545, 2021, DOI: 10.1007/978-3-030-91327-4\_52.
9. Semirnenko YI, Semirnenko SL Utilization of worn-out tractor tires by processing into fuel briquettes. Yu.I. Semirnenko, SL Semirnenko // Bulletin of SNAU, series Mechanization and automation of production processes, issue 3 (41), 2020, - P. 17-20.
10. Semirnenko YI, Semirnenko SL Solving environmental problems of the region through the use of plant agricultural biomass as fuel / Semirnenko YI, Semirnenko SL // Bulletin of the SNAU, series Mechanization and automation of production processes, Issue 1 (39), 2020, pp. 7-12.
11. Semirnenko YI, Semirnenko SL Improving the technological process of removing potato tops with motoblock technology / Yu.I. Semirnenko, SL Semirnenko // Bulletin of the SNAU, 1 (47) 2022.

Projects Experience:

## Annexes