

Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Juliia Sirenko**

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Nationality Ukrainian

Date of birth 25.04.1980

Gender Female

Current employment / Occupational field

Senior Lecturer of the Department of Energy and Electrical Engineering, Sumy National Agrarian University
Ph.D., Senior Lecturer of the Department of Energy and Electrical Engineering, Engineering and Technology Faculty, Sumy National Agrarian University

Work experience

Dates 09.2005 – 09.2009

Occupation or position held Secretary of the tractors and agricultural machinery Department (09.2005 – 09.2009);

Main activities and responsibilities Conducting the documentation of the tractors and agricultural machinery Department

Name and address of employer Sumy National Agrarian University, 160 H.Kondratieva Str., Sumy, 40021, Ukraine

Type of business or sector Higher Educational Institution (Agricultural Sector)

Dates 09.2009 – 09.2013

Occupation or position held Assistant of the tractors and agricultural machinery Department (09.2009 – 09.2013);

Main activities and responsibilities Conducting laboratory and practical lessons from discipline "Heat Engineering"

Name and address of employer Sumy National Agrarian University, 160 H.Kondratieva Str., Sumy, 40021, Ukraine

Type of business or sector Higher Educational Institution (Agricultural Sector)

Dates 09.2013 – 09.2016

Occupation or position held Senior Lecturer from discipline "Heat Engineering" of the tractors and agricultural machinery Department (09.2005 – 09.2016);

Main activities and responsibilities Conducting the documentation of the tractors and agricultural machinery Department

Name and address of employer Sumy National Agrarian University, 160 H.Kondratieva Str., Sumy, 40021, Ukraine

Type of business or sector Higher Educational Institution (Agricultural Sector)

Dates 11.2020 till now

Occupation or position held Senior Lecturer (11.2020 till now) at the Engineering and Technology Faculty

Main activities and responsibilities	Teaching and scientific activities in the sphere of energy and ecology in agriculture and in the sphere of industrial machinery engineering									
Name and address of employer	Sumy National Agrarian University, 160 H. Kondratieva Str., Sumy, 40021, Ukraine									
Type of business or sector	Higher Educational Institution (Agricultural Sector)									
Education and training										
Dates	09.1998-06.2004									
Title of qualification awarded	Shipbuilding Engineering									
Principal subjects/occupational skills covered	Shipbuilding									
Name and type of organisation providing education and training	Admiral Makarov National University of Shipbuilding, Mykolaiv, Ukraine									
Level in national or international classification	Higher Educational Institution (Shipbuilding Sector)									
Dates	10.2016 – 09.2020									
Title of qualification awarded	Doctor of Philosophy Degree									
Principal subjects/occupational skills covered	Industrial machinery engineering									
Name and type of organisation providing education and training	Sumy National Agrarian University of Ukraine									
Level in national or international classification	Doctor of Philosophy									
Personal skills and competences										
punctuality, communication skills, responsibility										
Mother tongue(s)	Ukrainian									
Other language(s)	English, Russian									
Self-assessment	Understanding				Speaking				Writing	
<i>European level (*)</i>	Listening		Reading		Spoken interaction		Spoken production			
English	A2	Beginner User	A2	Beginner User	A2	Beginner User	A2	Beginner User	A2	Beginner User
Russian	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user
Social skills and competences	Initiative, independence, energy, organization, work in the team.									
Organisational skills and competences										
Computer skills and competences	Competent with most Microsoft Office programmes									
Driving licence	No									
Additional information:										

Scientific Research Topic and Publications	<p>Field of my scientific interests is "Kinematics of curvilinear motion of field units with front steered wheels".</p> <ol style="list-style-type: none"> 1. Melnik V., Dovzhyk M., Tatyanchenko B., Solarov O., Sirenko Yu. Analytical method of examining the curvilinear motion of a four-wheeled vehicle. (2017) EASTERN-EUROPEAN JOURNAL OF ENTERPRISE TECHNOLOGIES. No 3/7 (87). https://doi.org/10.15587/1729-4061.2017.101335. 2. Dovzhik M., Kalnaguz A., Sirenko Yu. Curvilinear movement of a four-wheel machine using a satellite navigation system. Scientific Horizons. 2020, (07), pp.126-136. https://doi.org/10.33249/2663-2144-2020-92-7-126-135 3. Dovzhyk M. Determination of the trajectory of curvilinear motion of front steering wheels driven tractor / Tatyanchenko B., Solarov A., Sirenko J., Roubik H. // Scientia agriculturae bohemica, 50, 2019 (2): 127–134. https://doi.org/10.15587/1729-4061.2017.101335 4. Analysis of the kinematics of the movement of field units with all steered wheels. Dovzhik M. Ya., Sirenko Yu. V., & Kalnaguz O. M. (2022). Bulletin of the Sumy NAU. Series: Mechanization and automation of production processes, (2(48), 14-20. https://doi.org/10.32845/msnau.2022.2.3. 5. Kalnaguz, A., Melnyk, V., Solarov, O., Sirenko, Y., Chyrva, A. (2023). A Curvilinear Blades Profile of Accelerating Devices. In: Ivanov, V., Pavlenko, I., Liaposhchenko, O., Machado, J., Edl, M. (eds) Advances in Design, Simulation and Manufacturing VI. DSMIE 2023. Lecture Notes in Mechanical Engineering. Springer, Cham. pp.54-63. https://doi.org/10.1007/978-3-031-32774-2_6
Annexes	