

Curriculum Vitae

Name Lyudmyla Samchuk

Date of Birth 26.04.1981

Place of Birth Lutsk - Ukraine

Position PhD., Associate Professor of Department Applied Mechanics & Mechatronics
l.samchuk@lutsk-ntu.com.ua



DEGREES RECEIVED:

<u>Degree</u>	<u>Institution</u>	<u>Department</u>	<u>Year</u>
MSc	Lutsk State	Applied Mechanics &	2004
PhD	Technical University(Ukraine)	Mechatronics	2013

WORK EXPERIENCE:

<u>Rank/Position</u>	<u>Dates</u>	<u>Department</u>	<u>Institution/Company name</u>
associate professor	2015 - 2020 to present	Applied Mechanics & Mechatronics	Lutsk State Technical University (Ukraine)
senior lecturer	2013-2015	Applied Mechanics & Mechatronics	
assistant	2010-2013	Applied Mechanics & Mechatronics	

INTERNSHIPS:

2017 Advanced training (internship) at the Institute of Problems of Materials Science named after I.M. Frantsevich of the National Academy of Sciences of Ukraine.

2020 Internship at the Research Institute of the Lublin Science and Technology Park and the Higher School of Economics and Innovation in Lublin (Poland).

NUMBER OF WORKS PUBLISHED IN SCIENTIFIC JOURNALS AND CONFERENCE PROCEEDINGS:

<https://orcid.org/0000-0003-2516-045X>

[Web of Science ResearcherID](#) AHD-2091-2022

More 178 publications including,

82 - Publications in scientific journals and in the Conference Scripts.

TOPICS OF NEW RESEARCH PROJECTS:

Construction of machines.

Mechatronics.

Application of computer-integrated technologies in mechanical engineering.

RESEARCH EXPERTISE:

1Patent of Ukraine for utility model No. UA 119257, IPC (2017.01) C21B 15/02 (2006.01) C22C 33/00 C22B 5/04 (2006.01) B22F 3/23 (2006.01) Exothermic mixture for surfacing and welding of steels / application V.D. Rud, I.V. Savyuk, L.M. Samchuk, Yu.S. Povstyana, R.P. Holodiukvl.: Lutsk National Technical University - U 201612678; published dated September 25, 2017, Bull. No. 18.

2. Patent of Ukraine for a utility model No. (19) UA (11) 128507 (13) U (51) IPC (2018.01) C22B 1/00 C22B 1/16 (2006.01) Method of preparing blacksmith slag / application V.D. Rud, I.V. Savyuk, L.M. Samchuk, Yu.S. Povstyana, M.I. Kolyadynskyi, R.P. Holodiuk.: Lutsk National Technical University - u 2018 02204; published dated September 25, 2018, Bull. No. 18.

3. Patent of Ukraine for utility model No. UA (11) 128469 (13) U (51) IPC (2018.01) C22C 33/00 C22B 5/04 (2006.01) B22F 3/23 (2006.01) Exothermic paste for surfacing and welding of steels / statement V.D. Rud, I.V. Savyuk, L.M. Samchuk, Yu.S. Povstyana, M.I. Kolyadynskyi, O.Z Shafranska own.: Lutsk National Technical University – u 2017 12674; published dated September 25, 2018, Bull. No. 18.

4. Patent of Ukraine for utility model No. UA (11) 120072 IPC (2018.01) C22C 33/00 C22B 5/04 (2006.01) B22F 3/23 (2006.01) Exothermic paste for surfacing and welding of steels / application V.D. Rud, I.V. Savyuk, L.M. Samchuk, Yu.S. Povstyana, M.I. Kolyadynskyi, O.Z Shafranska own.: Lutsk National Technical University – u 2017 12674; published dated 25.09.2019, Bul. No. 18.

5. The responsible executor of the scientific research topic within working hours No. Ph.D.: 0121U108297

"Theoretical and experimental substantiation of technologies for obtaining machine-building production blanks" (2021-2023).

TEACHING COURSES:

"Materials science", "Technological methods of production of blanks", "Numerical methods of calculations in engineering problems", "Technology of processing typical parts and assembly of machines", "Certification of industrial products".

PERSONAL SKILLS AND COMPETENCES

Languages:

Ukrainian native language

English Intermediate(B2)

Google Scholar: <https://scholar.google.com.ua/citations?user=MhB2TUYAAAAJ&hl=uk>

Researchgate.net <https://www.researchgate.net/profile/Lyudmila-Samchuk>

Academia.edu: <https://independent.academia.edu/ЛюдмилаСамчук>