

PERSONAL INFORMATION

Ruslan Kirchuk
2,30a Prymiska street, 43006, Lutsk, Ukraine
kirchukruslan@lutsk-ntu.com.ua
+38050 6887907
Sex Male | Date of birth 19 January 1975

APPLIED FOR scientific cooperation

WORK EXPERIENCE

April 2021 – Present	Dean of Agricultural Technologies and Ecology Faculty of Lutsk National Technical University
December 2018 – April 2021	Professor of Agricultural Engineering Department of Lutsk National Technical University Research topic - simulation of agricultural materials drying process and design of mechanical energy saving systems of crop drying
September 2001 - December 2018	Lecturer of Agricultural Engineering Department of Lutsk National Technical University 75 Lvivska street, 43018, Lutsk, Lutsk National Technical University, Department of Agricultural Engineering List of subjects: - mathematical simulation of machines - modern information technologies - mechanical CAD - optimization methods

EDUCATION AND TRAINING

June 2018 – September 2018	Training at the Faculty of Agrobioengineering at University of Life Sciences in Lublin Lublin, Poland
1997 – 2001	PhD - Thesis Title: 'Design of flax seed pile cleaning machine', Reducing energy costs for the crop drying process Lutsk National Technical University, Lutsk, Ukraine
1992 – 1997	Bachelor of Science in Mechanical Engineering Lutsk Industrial Institute, Lutsk, Ukraine

PERSONAL SKILLS

Mother tongue(s) Ukrainian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2

Communication skills

- team work: I have worked in various types of teams from research teams to university football team.
- member of expert team of National Agency for Higher Education Quality Assurance (Ukraine).

Organisational / managerial skills

- while working for a Technical University I organize scientific

conferences, e.g 'Innovative Technologies In Agricultural Production'.

- 4 times I was the scientific supervisor of PhD – Thesis.
- deputy head of Agricultural Engineering Department .

Computer skills

Competent in:

- Microsoft Office programmes
- CAD systems
- software of mathematical systems
- HTML
- computer programming

Other skills

I have plant-growing skills. I am fond of fishing. Enjoy sports, especially football and ping-pong. Love to travel with my family.

Driving licence

B

ADDITIONAL INFORMATION

Publications

Main articles

- Volodymyr Didukh, Ruslan Kirchuk Investigation of vibrating temperature process efficiency when drying agricultural materials. Commission of motorization and energetics in agricultural. Volume II. Lublin-2002, p.46-51.
- Svetlana Panasuk, Ruslan Kirczuk, Volodumur Diduh, Wojciech Przystupa Математическое моделирование перемещения початков по цилиндрической поверхности // MOTROL. Motorization and power industry in agriculture – Volume 6. Lublin 2004/- p.203-209.
- Ruslan Kirchuk, Volodumur Didukh, Krzysztof Plizga Investigation of roll drying efficiency // Commission of motorization and power industry in agricultural – VolumeVI. Polish academy of sciences. Lublin 2005 /- p.34-40.
- Didukh V., Kirchuk R., Dudarev I., Golovachuk I. Investigation on effect of porosity and involution of roll on drying speed. TEKA. Commission of motorization and power industry in agriculture. Volume VIA, Lublin 2006, p. 39-44.
- Dudarev I., Kirchuk R. Reasoning of technology and design parameters of oil flax harvesting machines. INMATEH – Agricultural engineering (January – April). Vol. 33, No. 1/2011, Bucharest 2011, p. 37-42.
- Yaschuk A., Kirchuk R. RESEARCH OF THE PROCESS OF AERATION OF A LAYER OF BULK MATERIAL. INMATEH – Agricultural engineering. Vol. 40, Nr. 2 / 2013, Bucharest 2013, p. 73-79.
- Volodymyr Didukh, Ruslan Kirchuk, Andriy Yaschuk. MODELING OF MOTION OF MATHERIAL ON THE SURFACE OF SPIRAL ACTIVATOR IN BULK MATERIALS DRYER. TEKA. Commission of motorization and power industry in agriculture. Volume 15, No 4. MOTROL -2013.Lublin-Rzeszo'w 2013, p. 140-146.
- Dudarev I., Zabrodotska L., Kirchuk R., Taraymovich I. REASONING OF PARAMETERS OF ROLLER WITH SPIRAL GROOVE OF FLAX PULLING MECHANISM / INMATEH – Agricultural engineering. Vol. 42, Nr. 1 / 2014, Bucharest 2014, p. 49-54.
- V. Didukh. Modeling of energy saving methods of soybean drying for oil production // V. Didukh , R. Kirchuk , K . Tsiz. / Commission of motorization and energetics in agriculture . – Lublinie, 2015.- Volume 15, number 4.- P. 9-14.
- Kirchuk R. Experimental research of soybean drying process intensification/ Експериментальне дослідження інтенсифікації процесу сушіння сої /Ph.D.Eng. Kirchuk R., Ph.D.Eng. Tsiz I., Ph.D.

- Stud. Tsiz K./ International symposium ISB-INMA TEH Agricultural and mechanical engineering, Bucharest.- 2015. Vol. 47, No. 3/2015. p. 91-98.
- Pustiulha S., Khomych A., Tsiz' I., Kirchuk R. Discrete modelling of surfaces of equal slopes by means of numerical sequences/ INMATEH - Agricultural Engineering vol. 50, no.3/ Bucharest.- 2016.p. 83-88.
 - Dudarev I., Kirchuk R. Bulk materials separation process simulation in spiral separator// INMATEH - Agricultural Engineering vol. 53, no.3/ Bucharest.-2017. p. 57-64.
 - V.Didukh, Yu. Onyuh, Kirchuk R. Study of the potencial use of oil flax stems// TEKA. COMMISSION OF MOTORIZATION AND ENERGETICS IN AGRICULTURE – 2017, vol. 17, No.4, 29-34
 - V.Didukh, S. Yageleuk, Kirchuk R., V. Busnuyuk Modeling of utilization means of oilseed flax stem part// TEKA. COMMISSION OF MOTORIZATION AND ENERGETICS IN AGRICULTURE – 2018, vol. 18, No.4, 63-70

Tutorials (Co-author)

- 'Mathematical modeling of machines' Lutsk Technical University (2014)
- 'Modern information technologies' Lutsk Technical University (2016)

Monographs (Co-author)

- 'Harvesting and primary processing of linen' Lutsk Technical University (2008).
- 'Research and improvement of grass seeds drying process' Lutsk Technical University, (2013).
- 'Research and improvement of flax seed oil drying process' Lutsk Technical University, (2015).
- 'Environmental Impact Assessment of Peat Milling Technology' Lutsk Technical University, (2019).

Patents

Co-author of 30 patents for the design of agricultural material dryers.