

## Curriculum Vitae



### Personal information

Surname(s) / First name(s) **Pavkov, Ivan**

Address(es) Poljoprivredni fakultet, Trg Dositeja Obradovica 8, 21 000 Novi Sad, Serbia

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Nationality Serbian

Date of birth 07.11.1976.

Gender Male

**Position Associate Professor**

**Work experience** 2002-2013. Teaching Assistant, University of Novi Sad, Faculty of Agriculture, Department of Agricultural Engineering;  
2013-2018. Assistant Professor, University of Novi Sad, Faculty of Agriculture, Department of Agricultural Engineering;  
Since 2015. Head of Laboratory for biosystems engineering; University of Novi Sad, Faculty of Agriculture, Department of Agricultural Engineering;  
Since 2018. Associate Professor; University of Novi Sad, Faculty of Agriculture, Department of Agricultural Engineering;  
Since 2018. Head of the Chair of Department of Agricultural Engineering; University of Novi Sad, Faculty of Agriculture, Department of Agricultural Engineering;  
Since 2018. Vice-president of the accreditation commission, Faculty of Agriculture; University of Novi Sad, Faculty of Agriculture, Department of Agricultural Engineering;  
Since 2018. Member of the council of the Provincial fund for the development of agriculture, Government of Autonomous province of Vojvodina, Republic of Serbia.

**Main activities and responsibilities** Teaching students in Drying and storage technologies; Hydraulic and fluid mechanics, Food processing, Thermodynamics, Energy and renewable energy sources.  
Research activities in drying and storage technologies, food processing and fluid mechanics.  
Work organization at the Chair of the Department of Agricultural Engineering.  
Developing of existing and creation of new study programs at the Faculty of Agriculture in the field of application of information systems and new technologies in all branches of agriculture.

**Name and address of employer** University of Novi Sad, Faculty of Agriculture, Department of Agricultural Engineering, Trg Dositeja Obradovića 8, 21 000 Novi Sad, Serbia

**Type of business or sector** Education and research

**Other information** Publons: <https://publons.com/researcher/3536670/ivan-pavkov/>

ORCID: 0000-0002-6472-5209

Research Gate: [https://www.researchgate.net/profile/Ivan\\_Pavkov](https://www.researchgate.net/profile/Ivan_Pavkov)

Scopus: <https://www.scopus.com/authid/detail.uri?authorId=23502281600>

Education and training	<p><b>University education:</b></p> <p>June 2012 Ph.D. at University of Novi Sad, Faculty of Agriculture, Department of Agricultural Engineering, "Combined Technology of Fruit Tissue Drying"</p> <p>July 2006. University of Novi Sad, Faculty of Agriculture, Department of Agricultural Engineering, Master Thesis "The Kinetic of the Osmotic Drying"</p> <p>July 2001. Graduation at Faculty of Agriculture, Department of Agricultural Engineering, theme of graduation work: "Preserve Quality of Soybeans Grain During the Storing"</p> <p>1996-2000. 4 year studies at the University of Novi Sad, Faculty of Agriculture, Department of Agricultural Engineering,</p> <p><b>Training:</b></p> <p>Febru. 2017. International training in: Postharvest Physiology, pathology and handling of Fresh Commodities at Centre for International Development Cooperation, Tel Aviv, Ministry of Foreign Affairs and Ministry of Agriculture and Rural Development, Israel.</p> <p>May 2017. Open World Program in: Food Security and Food Safety, U.S. Department of State, US Embassy in Belgrade</p> <p>June 2010. International training Course in Biogas Hygiene Technology and Facilities, Biogas Research Institute of Ministry of Agriculture (BIOMA), Chengdu, China.</p>																		
Type of business or sector	Education and research																		
Personal skills and competences																			
Mother tongue(s)	Serbian																		
Other language(s)	1. English,																		
Self-assessment																			
<i>European level (*)</i>																			
Language																			
	<table border="1"> <thead> <tr> <th></th> <th colspan="2">Understanding</th> <th colspan="2">Speaking</th> <th>Writing</th> </tr> <tr> <th></th> <th>Listening</th> <th>Reading</th> <th>Spoken interaction</th> <th>Spoken production</th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>B1</td> <td>B1</td> <td>B2</td> <td>B2</td> <td>B2</td> </tr> </tbody> </table>		Understanding		Speaking		Writing		Listening	Reading	Spoken interaction	Spoken production		1	B1	B1	B2	B2	B2
	Understanding		Speaking		Writing														
	Listening	Reading	Spoken interaction	Spoken production															
1	B1	B1	B2	B2	B2														
	(*) <i>Common European Framework of Reference for Languages</i>																		
Social skills and competences	<p>Team spirit</p> <p>Good communication and social skills</p>																		
Organisational skills and competences	<p>Coordinator for several research projects financed by the Provincial Secretary of Agriculture and Ministry of Science of Republic of Serbia.</p> <p>Team member on several research projects financed by European Union.</p> <p>Adviser and Designer on the construction projects in the industry (Elixir Group, Novi Sad; Uljarice Bačka, Novi Sad; MK Commerce, Belgrade; Patent Co, Mišičevo, Aller Aqua Balkan, Sečanj).</p>																		
Computer skills and competences	<p>Good command of Microsoft Office™ tools (Word™, Excel™ and PowerPoint™) at work.</p> <p>Good command of StatSoft, Inc. (2018). STATISTICA (data analysis software system) at work.</p> <p>Good command of engineering design softwares tools (AutoCAD and CorelDraw) at work and training courses.</p> <p>Basic knowledge of graphic design applications ( PhotoShop™) at work and training courses.</p> <p>Experience with HTML editor</p>																		
Other skills and competences	Industrial designer of the dryers and drying process; thermotechnical and thermoenergetic processes, fluid transport.																		
Driving license	Category B																		

Projects:	<p>Research and development of ionic bio fluids RIBIDF 6066818, Science Fund of the Republic of Serbia - Program for Excellent Projects of Young Researchers Program PROMIS, July 2020-July 2022.</p> <p>Towards socio-economically &amp; ecologically sustainable non-food cropping in Europe, FP7 - 2013 - Energy – 1, Ghent University, Belgium, period 2013-2018, Collaborative project, Work programme topics addressed: Developing regional and pan-European schemes for the sustainable delivery of non-food biomass feedstock in a pan-European integrated, Coordinating person: Prof. Dr. E. Meers, Ghent University, Belgium - Proposal.</p> <p>Combined Technology of Integrated and Organic Fruit and Vegetable Drying, the project Number TR – 03158, University of Novi Sad, Faculty of Agriculture, Novi Sad, period 2011-2017; project is sponsored by Serbian Ministry of Science and Technology.</p> <p>The Quality of Dried Fruit Production, the project Number TR - 20065, University of Novi Sad, Faculty of Agriculture, Novi Sad, period 2007-2010; this project is sponsored by Serbian Ministry of Science and Technology.</p> <p>Products of dried fruit, the project Number BTN – 341002B, University of Novi Sad, Faculty of Agriculture, Novi Sad, period 2005-2008; this project is sponsored by Serbian Ministry of Science and Technology.</p> <p>Development of osmotic dryer for fruits and vegetables, the project Number BTN – 06889, University of Novi Sad, Faculty of Agriculture, Novi Sad, period 2005-2007; this project is sponsored by Serbian Ministry of Science and Technology.</p> <p>Dried apricot production, the project Number BTN –4.3.0.0409.B, University of Novi Sad, Faculty of Agriculture, Novi Sad, period 2002-2005; this project is sponsored by Serbian Ministry of Science and Technology.</p>
Selected Publications:	<p>Pavkov, I., Stamenković, Z., Radojčin M., Kešelj, K., Bikić, S., Lutovska, M., Ponjičan, O., (2019): Air Drying Of Blueberry Fruits: Drying Kinetics, Mathematical Modeling And Physical Properties, Journal on Processing and Energy in Agriculture, 21 (4), 151-157.</p> <p>Bikić Sinisa, Bukurov Mas, Radojcin Milivoj, Pavkov Ivan, Rackov Milan, (2020):Air torque position damper hysteresis, Flow Measurement and Instrumentation, volume 71, <a href="https://doi.org/10.1016/j.flowmeasinst.2019.101688">https://doi.org/10.1016/j.flowmeasinst.2019.101688</a></p> <p>Stamenković, Z., Pavkov, I., Radojčin, M., Tepić Horecki, A., Kešelj K., Bursać Kovačević, D., Putnik P. (2019): Convective Drying of Fresh and Frozen Raspberries and Change of Their Physical and Nutritive Properties, Foods 2019, 8, 251. DOI: 10.3390/foods8070251 IF3,011.</p> <p>Pavkov, I., Stamenković, Z., Radojčin M., Kešelj, K., Bursić, V., Bikić, S., Mitrevski, V., (2018): Osmotic and convective drying of strawberries: effects of experimental parameters on the drying kinetics, color and rehidratation, Journal on Processing and Energy in Agriculture, 22 (2), 58-64. DOI:10.5937/JPEA1802058P</p> <p>Lutovska, Monika; Mitrevski, Vagelče; Pavkov, Ivan; Mijakovski Vladimir; Radojčin, Milivoj; Mathematical Modelling of Thin Layer Drying of Pear; CHEMICAL INDUSTRY &amp; CHEMICAL ENGINEERING QUARTERLY, (2016), vol. 22 br. 2, 191-199.</p> <p>Mitrevski, V; Lutovska, M; Pavkov, I, Mijakovski V; Popovski, F (2016): The Power Series as Water Sorption Isotherms Models, Journal of Food Process Engineering, 39, 178 – 185.</p> <p>Radojčin M, Babić M, Babić L, Pavkov I, Bukurov M, Bikić S, Mitrevski V (2015). Effects of osmotic pretreatment on quality and physical properties of dried quinces (<i>Cydonia oblonga</i>). Journal of Food and Nutrition Research, 54 (2), pp. 142-154.</p> <p>Bikić, Siniša; Uzelac, Dušan; Bukurov, Maša; Radojčin, Milivoj; Pavkov, Ivan: Experimental Calibration of the Mathematical Model of Air Torque Position Dampers with Non-Cascading Blades; THERMAL SCIENCE, (2016), vol. 20 br. 2, 567-578.</p> <p>Mitrevski V, Lutovska M, Mijakovski V, Pavkov I., Babić M, Radojčin M (2015). Adsorption isotherms of pear at several temperatures, Thermal Science, Pages: 82-82, doi:10.2298/TSC1140519082M.</p>

Reviewer for International Scientific Journals:	<p>Drying Technology, Published by Teylor &amp; Francis Group;  International Agrophysics, Published by Sciendo;  Journal of Food Processing and Preservation, Published by Wily;  Journal of Agriculture Science and Technology, Published by Tarbiat Modares University;  International Journal of Food Properties, Published by Teylor &amp; Francis Group;  Separation and Purification Technology, Published by Elsevier.</p>
Invited lectures and seminars:	<p>Invited lectures for students: New drying technologies, 8 hours of classes, Erasmus + Staff Mobility for Teaching, Faculty of Chemistry, Lodz University of Technology, Lodz, Poland 14-18 October, 2019.</p> <p>Invited lectures for students: Preservation methods in food processing, 8 hours of classes, Erasmus + Staff Mobility for Teaching, Faculty of Food Science, Department of Food Engineering and Process Managment, University of Life Sciencee, Warsaw, Poland 21-25. May, 2018.</p> <p>CASEE Master Summer School 2017, Ethics, Quantity and Quality Assurance in Agriculture, Food Production and Food Technology; University of Novi Sad, Faculty of Agriculture, July 3-16, 2017; Predavanje pod nazivom: Postharvest Physiology and Handling of Fresh Fruit.</p> <p>COST Action FA1401, Lecture at 2nd Training school of COST Action PiGutNet Conteporary feed production - technological and nutritional aspects; University of Novi Sad; Institute of Food Technology, Center "Feed to Food"; Novi Sad, February 22-26,2016. Serbia</p>
Memberships:	<p>Since 2018 Editor of the scientific Journal on Processing and Energy in Agriculture, Serbia, website: <a href="http://scindeks.ceon.rs/journalDetails.aspx?issn=1821-4487">http://scindeks.ceon.rs/journalDetails.aspx?issn=1821-4487</a></p> <p>Since 2010 Member of the Editorial board in the scientific Journal on Processing and Energy in Agriculture, Serbia, website: <a href="http://www.ptep.org.rs/Sajt%20engleski/casopisen.html">http://www.ptep.org.rs/Sajt%20engleski/casopisen.html</a></p> <p>Since 2007 Member of the General board in National Society of Processing and Energy in Agriculture, Serbia, website: <a href="http://www.ptep.org.rs">http://www.ptep.org.rs</a></p> <p>Since 2002 Technical editor of Journal on Processing and Energy in Agriculture, Serbia, website: <a href="http://www.ptep.org.rs/Sajt%20engleski/casopisen.html">http://www.ptep.org.rs/Sajt%20engleski/casopisen.html</a></p>
Awards:	<p>2014 - European Food Innovation Student Awards at SIAL 19 th – 20<sup>th</sup> October, Paris France,</p> <p>2014 - Award First place, Ecotrophelia Serbia, Serbian Association Food Technologists, Novi Sad, Serbia,</p> <p>2011 - Award at the competition for the best realized technological innovation in Serbia “Combined technologies of fruit drying”</p>