



Europass Curriculum Vitae



Personal information	
First name(s) / Surname(s)	Vasyl Rizak
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Fax(es)	-
E-mail	vrizak@uzhnu.edu.ua
Nationality	Ukrainian
Date of birth	10.07.1963
Gender	Male
Desired employment / Occupational field	physicist
Websites & social links	http://teib.info/?page_id=3745
Participation in the grant programs	
Date	From 2025 to present time
Occupation or position held	Project manager Visegrad+ Grant: (No. 22510354) The positive charge of physics transfer by non-formal V4-Ukraine learning
Date	From 2025 to present time
Occupation or position held	Project manager STCU 6436 “Surface nanostructuring of amorphous semiconductor films by laser and electron beams”
Date	2023 -2024
Occupation or position held	Scientific supervisor of Research grant of the Ukraine-Australia Research Fund (NCRIS)
Date	2022 - 2024
Occupation or position held	Coordinator project USAID Cybersecurity for Critical Infrastructure in Ukraine (USAID/ Cybersecurity) from the UzhNU side
Dates	2023
Occupation or position held	Individual grant ERAZMUS+
Dates	2020-2022
Occupation or position held	Scientific supervisor of grant of the Ministry of Education and Science of Ukraine “Functional nanostructures based on biomaterials and chalcogenides”.
Dates	2017-2021
Occupation or position held	Scientific supervisor of H2020- project from the UzhNU side „ACCELERATING Europe’s Leading Research Infrastructures”
Dates	2017-2019

Occupation or position held	Scientific supervisor of grant of the Ministry of Education and Science of Ukraine Nanocomposite film structures with photochromic biomolecules in inorganic and polymer matrices for bioelectronics.
Dates	2015-2016
Occupation or position held	Scientific supervisor of grant of the Ministry of Education and Science of Ukraine Creation and research of nanocomposite materials for pH level biosensors based on purple membranes modified with detergents
Dates	2015-2016
Occupation or position held	Scientific supervisor of Ukrainian-Slovak project from the Ukrainian side "Relaxation and photoinduced effects in chalcogenide glasses of Ge-As-S(Se) system"
Dates	2013-2014
Occupation or position held	Scientific supervisor of grant of the Ministry of Education and Science of Ukraine Development of nanocomposite sensitive elements of biosensors based on bacteriorhodopsin using sol-gel matrices and quantum dots
Dates	2013
Occupation or position held	Individual grant SAIA
Dates	2012 – 2014
Occupation or position held	Senior research of grant of the Ministry of Education and Science of Ukraine "Research of nanocomposite structures based on photosensitive chalcogenides for plasmonics.
Dates	2009 – 2011
Occupation or position held	Principal investigator of the grant of the Ministry of Education and Science of Ukraine – "Research of stimulated changes in nanostructured metastable systems and development of functional elements for optoelectronics
Dates	2008-2010
Occupation or position held	Scientific supervisor Project NATO "Comprehensive concordance heterogeneous telemetric infrastructure with integration of social services " Reg.No CN.NIG 983259
Dates	2009
Occupation or position held	Individual grant SAIA
Dates	2006-2008
Occupation or position held	Principal investigator of the grant of the Ministry of Education and Science of Ukraine - Research and development of functional films and nanostructures sensitive to external factors
Dates	2005-2006
Occupation or position held	Scientific supervisor Project NATO "Base infrastructure of Western Branch of Ukrainian Scientific-Practical Medical Network into integration GEANT" Reg.No CN.NIG 981581
Dates	2004-2005
Occupation or position held	Senior Local Expert for the EU Tacis Project "Flood risk assessment and management in Zakarpatska oblast, Ukraine project"
Dates	2004
Occupation or position held	The Hungarian fund of support of a science of name Oron 'Yanoshi Academies of sciences of Hungary and the Ministry of Education of Hungary "Development of a measuring complex for an estimation of a condition of river waters of pool of the Tisa of Karpatskogo region" (2004);
Dates	2003-2004
Occupation or position held	Scientific supervisor Project NATO "Necessary additional activities concerning expanding, integration of Transcarpatian science-technical networks."Reg. CN.NIG 979923.
Dates	2003
Occupation or position held	Individual grant of Ministry of Education of Slovakia
Dates	2000-2001
Occupation or position held	Scientific supervisor Project NATO "Modernization of the Uzhgorod University and Region Research Institution Network", Reg.No CN.NIG 976326
Dates	1998

Occupation or position held	Individual grant of the International Scientific Fund
Work experience	
Dates	From 2002 to present time
Occupation or position held	Head of department of solid-state electronics (from 2017 - Department of solid-state electronics and information security), Professor,.
Main activities and responsibilities	Teaching of Semiconductor Physics, of solid-state electronics and information security . Performing independent research in Experimental Physics and Information security . Supervision of research work of students and graduate (PhD) student. Participation in the scientific public life.
Name and address of employer	Uzhhorod National University, Pidhirna Str.46, Uzhhorod, Ukraine
Type of business or sector	research and education
Dates	From 1997 to 2002
Occupation or position held	Professor , Department of Semiconductor Physics of Uzhhorod National University,
Main activities and responsibilities	Teaching of Semiconductor Physics. Performing independent research in Experimental Physics. Supervision of research work of students. Participation in the scientific public life.
Name and address of employer	Uzhhorod National University, Pidhirna Str.46, Uzhhorod, Ukraine
Type of business or sector	research and education
Dates	From 1994 to 1997
Occupation or position held	Associate Professor , Department of Semiconductor Physics of Uzhhorod National University Senior Scientific Researcher.
Main activities and responsibilities	Teaching of Semiconductor Physics. Performing independent research in Experimental Physics. Supervision of research work of students. Participation in the scientific public life.
Name and address of employer	Uzhhorod National University, Pidhirna Str.46, Uzhhorod, Ukraine
Type of business or sector	research and education
Dates	From 1993 to 1994
Occupation or position held	Lecturer of the Department of Semiconductor Physics, Senior Scientific Researcher
Main activities and responsibilities	Teaching of Semiconductor Physics. Performing independent research in Experimental Physics. Supervision of research work of students.
Name and address of employer	Uzhhorod National University, Pidhirna Str.46, Uzhhorod, Ukraine
Type of business or sector	research and education
Dates	From 1992 to 1993
Occupation or position held	Senior Scientific Researcher of Institute of Solids Physics and Chemistry
Main activities and responsibilities	Performing independent research in Experimental Physics and Semiconductor Physics
Name and address of employer	Uzhhorod National University, Pidhirna Str.46, Uzhhorod, Ukraine
Type of business or sector	research and education
Dates	From 1991 to 1992
Occupation or position held	Senior Scientific Researcher
Main activities and responsibilities	Performing independent research in Experimental Physics and Semiconductor Physics.
Name and address of employer	Uzhhorod State University, Pidhirna Str.46, Uzhhorod, Ukraine
Type of business or sector	Research
Dates	From 1990 to 1991
Occupation or position held	Scientific Researcher
Main activities and responsibilities	Performing independent research in Experimental Physics and Semiconductor Physics.
Name and address of employer	Uzhhorod State University, Pidhirna Str.46, Uzhhorod, Ukraine

Type of business or sector	Research
Dates	From 1988 to 1990
Occupation or position held	Junior Scientific Researcher
Main activities and responsibilities	Performing research in Experimental Physics and Semiconductor Physics.
Name and address of employer	Uzhhorod State University, Pidhirna Str.46, Uzhhorod, Ukraine
Type of business or sector	research
Dates	1985
Occupation or position held	Engineer of department of semiconductors physics
Main activities and responsibilities	Research in Experimental Physics and Semiconductor Physics
Name and address of employer	Uzhhorod State University, Pidhirna Str.46, Uzhhorod, Ukraine
Type of business or sector	Education, research.
Academic Rank and Degree	
Dates	2004
Title of qualification awarded	The honorary title of " Honoured Worker of Science and Technology of Ukraine " (Decree of the President of Ukraine dated 23 December 2004)
Principal subjects/occupational skills covered	Physics of condensed systems and information technologies
Name and type of organisation providing education and training	Decree of the President of Ukraine.
Dates	1998
Title of qualification awarded	academic rank of " Professor of Department of Semiconductors Physics " (diploma number ІІР АР№001716 23 Jun 1998)
Principal subjects/occupational skills covered	Performing independent research in Semiconductor Physics
Name and type of organisation providing education and training	Attestation Collegium of the Ministry of Science and Education of Ukraine.
Dates	1997
Title of qualification awarded	academic rank of " Associate Professor of Department of Semiconductors Physics " (diploma number ДІІ АР №005427 22 May 1997)
Principal subjects/occupational skills covered	Performing independent research in Semiconductor Physics.
Name and type of organisation providing education and training	Attestation Collegium of the Ministry of Science and Education of Ukraine.
Dates	1996
Title of qualification awarded	academic degree " Doktor of Physical and Mathematical Science ". (D.Sci.) (diploma number ДН № 002908 4 december 1996)
Principal subjects/occupational skills covered	The influence of isovalent substitutions on the static and dynamic properties of proper ferroelectrics (Pb _{1-y} Sn _y) ₂ P ₂ (SeXS _{1-X}) ₆
Name and type of organisation providing education and training	Higher Attestation Commission of the Ministry of Science and Education of Ukraine
Dates	1989
Title of qualification awarded	academic degree " Candidate of Physical and Mathematical Science ". (Ph. D.) (diploma number ФМ №035710 23 March 1989)
Principal subjects/occupational skills covered	Ferroelectric properties and mechanisms of phase transitions of crystals Sn(Pb) ₂ P ₂ S(Se) ₆
Name and type of organisation providing education and training	The Higher Attestation Commission of the USSR

Education and training	
Dates	From 1985 to 1988
Occupation or position held	graduate (PhD) student of department of semiconductors physics
Main activities and responsibilities	Research in Experimental Physics and Semiconductor Physics
Name and address of employer	Uzhhorod State University, Pidhirna Str.46, Uzhhorod, Ukraine
Type of business or sector	Education, research.
Dates	1985
Title of qualification awarded	Physicist. Lecturer of Physics (diploma number KB №792275 21 червня 1985 року)
Principal subjects/occupational skills covered	Guided scientific research in the Semiconductor Physics
Name and type of organisation providing education and training	Uzhhorod State University, Pidhirna Str.46, Uzhhorod, Ukraine Qualification Degree awarded by the Attestation Commission.
Membership in Professional Bodies:	
Dates	2024
The position	Member of the Editorial Board Scientific Research Journal Chemistry, Physics and Technology of Surface (Himia, Fizika ta Tehnologia Poverhni) https://www.cpts.com.ua/index.php/cpts
Dates	2022
The position	Member of the American Physical Society
Dates	2019
The position	Academician (elected on May 24, 2019, diploma number №574) and Head of the Transcarpathian Branch of the Academy of Technological Sciences of Ukraine ,
Dates	2011
The position	Corresponding Member of the Academy of Technological Sciences of Ukraine (elected on May 20, 2011, Diploma No. 448)
Dates	2006-2024
The position	Editor-in-Chief at "Scientific Bulletin of Uzhhorod University. Physics Series"
Dates	2003
The position	Foreign member of the Scientific Council of the Hungarian Academy of Sciences (elected on November 3, 2003)
Dates	2003
The position	Academician (elected on May 30, 2003, Diploma No223) of the Academy of Engineering Sciences of Ukraine
Dates	2003
The position	Corresponding Member of the Academy of Engineering Sciences of Ukraine (elected on March 28, 2003, Diploma No. 094)
Dates	2001
The position	Founder and director of the Public Organization "FUND FOR SUPPORT OF SCIENCE OF TRANS-CARPATIA"
Dates	1998
The position	Member since 1998 of the Ukrainian Physical Society. and since 2010 – heads the Transcarpathian branch of the Ukrainian Physical Society .
Personal skills and competences	
Mother tongue(s)	Ukrainian
Other language(s)	

Self-assessment	Understanding				Speaking				Writing	
<i>European level (*)</i>	Listening		Reading		Spoken interaction		Spoken production			
Russian	C2	Proficient user	C2	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user
English	B1	Intermediate	B1	Intermediate	B1	Intermediate	B1	Intermediate	B1	Intermediate
Slovak	B2	Intermediate	B1	Intermediate	B1	Intermediate	B1	Intermediate	A1	Intermediate
	<i>(*) Common European Framework of Reference for Languages</i>									
Social skills and competences	Good ability to research team work. Good ability to adapt to multicultural environments. Experience of University teaching. Reresearch work experience									
Organisational skills and competences	Experience in scientific research project managing.									
Technical skills and competences	Long expertise in experimental studies of complex systems. Experience in written and oral presentation of scientific results.									
Computer skills and competences	Experience with Basic Computer Skills - MS Office (Word, Excel, Outlook, Powerpoint) , Google Drive (Docs, Drive, Forms, Gmail), Spreadsheets (Excel, Google Drive, Open Office), Email (Outlook, Gmail), Operating systems (MacOS, Microsoft Windows); Internet Tools - Social media (LinkedIn, YouTube), Blogging (Wordpress), Team collaboration (Dropbox, Zoom, GoToMeeting, GoogleMeeting, Skype), as well as with software for processing experimental data and quantum-mechanical calculations of static and dynamic properties of condensed systems									
Driving licence	Category B licence.									
Additional information	h-index=9(Scopus) and 10 (WOS), 59 papers in international journals, indexed in Scopus database, 352 citations; 3 patents, 2 monographs, 35 training manuals and methodological developments in Ukrainian, more than 100 oral or poster presentations at international conferences.									
Profile authenticators	Scopus ID 6603807720 ORCID 0000-0002-9177-0662									
Signature	Uzhhorod,									