

PERSONAL INFORMATION



Location: 5, Sleahul Puhoiului str., Singera town, Chisinau city, MD-2091, Republic of Moldova

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Email: sveatoslavpostoronca@gmail.com

Web: <https://energetica.md/>

Sex: Male | **Date of birth:** 09 / 26 / 1968 | **Citizenship:** R. Moldova | **Marital status:** Married

- JOB APPLIED FOR POSITION
- PREFERRED JOB
- STUDIES APPLIED FOR
- PERSONAL STATEMENT

WORK EXPERIENCE

2021, May –

Deputy interim director for science issues

The Institute of Power Engineering, Ministry of Education, Culture and Research, 5 Academiei str., Chisinau, Moldova, www.ie.asm.md, Administration
Research institute

2019, September – 2021, May

Senior advisor

National Agency for Research and Development, NARD, 180 Stefan cel Mare si Sfânt Ave., Chisinau, Moldova, www.ancd.gov.md, Department of International Cooperation and Sustainable Development
Central public authority

2015, August – 2019, September

Science secretary

The Institute of Power Engineering, Academy of Sciences of Moldova, 5 Academiei str., Chisinau, Moldova, www.ie.asm.md, Administration
Research institute

2011, August – 2019, September

Researcher

The Institute of Power Engineering, Academy of Sciences of Moldova, 5 Academiei str., Chisinau, Moldova, www.ie.asm.md, The Laboratory of Modelling and Diagnosis of Power Equipment
Research institute

2006, July – 2011, August

Researcher

The Institute of Electronic Engineering and Nanotechnologies „Dumitru Ghitu”, Academy of Sciences of Moldova, 3/3 Academiei str, Chisinau, Moldova, www.ieen.md, The Laboratory of Electronics of Low Dimensional Structures
Research institute

2016, April -

National Contact Point in Horizon 2020 Programme for the thematic priority „Secure, clean and efficient energy”

NCP Network, National Agency for Research and Development, 180 Stefan cel Mare si Sfânt Ave., Chisinau, Moldova, www.ancd.gov.md, www.h2020.md,
Central public authority

2018, July -

National Contact Point in Horizon 2020 Programme for the thematic priority „Smart, green and integrated transport”

NCP Network, National Agency for Research and Development, 180 Stefan cel Mare si Sfânt Ave., Chisinau, Moldova, www.ancd.gov.md, www.h2020.md,
Central public authority

- 2017, January - [Official Representative for the strategic configuration „Secure, clean and efficient energy” in the Programme Committee of Horizon 2020](#)
 NCP Network, National Agency for Research and Development, 180 Stefan cel Mare si Sfânt Ave., Chisinau, Moldova, www.ancd.gov.md, www.h2020.md,
 Central public authority
- 2018, July - [National Expert for the strategic configuration „Smart, green and integrated transport” in the Programme Committee of Horizon 2020.](#)
 NCP Network, National Agency for Research and Development, 180 Stefan cel Mare si Sfânt Ave., Chisinau, Moldova, www.ancd.gov.md, www.h2020.md,
 Central public authority
- 2006, July - 2011, August [Development manager](#)
 Manufacturing company of power electronics devises „Sincos-Plus”, SRL, 53, 31 August 1989 str., Chisinau, Moldova, www.sincos-plus.com,
 Private sector
- 1993, July – 2006, July [Electronic engineer](#)
 The Institute of Power Engineering, Academy of Sciences of Moldova, 5 Academiei str., Chisinau, Moldova, www.ie.asm.md,
 The Laboratory of Modelling and Diagnosis of Power Equipment
 Research institute
- 1989, December – 1993, July [Technician](#)
 Department of Cybernetics in Energy, Academy of Sciences of Moldova (The Institute of Power Engineering), 5 Academiei str., Chisinau, Moldova, www.ie.asm.md,
 The Laboratory of Electric Capacitors
 Research centre

EDUCATION AND TRAINING
 1985, September – 1993, June

[Student, Diploma of engineer](#)
 The Faculty of Radio Electronics of the Technical University of Moldova, 168, Stefan cel Mare si Sfânt Ave, Chisinau, Moldova. www.utm.md,
 Design and technology in manufacturing of radio-electronic devices

2016, September – 2017, July

[Master’s degree in Energy](#)
 The Faculty of Agrarian Engineering and Auto Transport of the State Agrarian University of Moldova, 42, Mircesti str., Chisinau, Moldova. www.uasm.md,

PERSONAL SKILLS

Mother tongue(s)
 Other language(s)

English

Russian

		Roumanian				
		UNDERSTANDING		SPEAKING		WRITING
		Listening	Reading	Spoken interaction	Spoken production	
English		B1	B2	B1	B1	B2
Russian		C2	C2	C2	C2	C2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills
 Organisational / managerial skills
 Job-related skills

Good communication skills established working in positions of researcher and manager
 Experienced in leadership activities
 Good management of the research agendas. Promotion and development of the cooperation between researchers and organizations.

Digital skills

Information processing	Communication	SELF-ASSESSMENT Content creation	Safety	Problem solving
Independent user	Independent user	Independent user	Independent user	Independent user

Levels: Basic user - Independent user - Proficient user
[Digital competences - Self-assessment grid](#)

Replace with name of ICT-certificates

Other skills

- good command of office suite (word processor, spread sheet, presentation software);
- good command of photo editing software gained as an amateur photographer;
- good command of web navigation;
- expertise in the field energy.

ADDITIONAL INFORMATION

Publications

1. POSTORONCA, Sv.; BERZAN, V.; ERMURACHI, Iu. *The analysis of an operating mode of the asynchronous generator with capacitor excitation*. In: Problemele Energeticii Regionale. 2008, nr. 2, pp. 36-46. ISSN 1857-0070.
2. BERZAN, V.; TIRSU, M.; POSTORONCA, Sv. *Voltage stabilizer of the asynchronous low-frequency generator*. In: Problemele Energeticii Regionale. 2008, nr. 2, pp. 47-53. ISSN 1857-0070.
3. POSTORONCA, Sv.; BARLADEAN, Al.; BERZAN, V.; TIRȘU, V.; ERMURACHI, Iu. *Zones of steady capacitor excitation in a mode of generation of typical asynchronous machines*. In: Problemele Energeticii Regionale. 2009, nr. 3(11), pp. 7-17. ISSN 1857-0070.
4. SAINSUS, Iu.; RAILEAN, S.; ROTARU, An.; CONEV, Al.; RUSSEV, Iu.; POSTORONCA, Sv.; SCERBIL, D. *Millimeter wave nonthermal therapeutic device based on parallelstrip technology*. In: Nanotechnologies and Biomedical Engineering. Editia 1, 7-8 July 2011, Chisinau. Technical University of Moldova, 2011, pp. 313-316. ISBN 978-9975-66-239-0.
5. PATIUC, V.; BERZAN, V.; ANISIMOV, V.; CABAC, S.; POSTORONCA, Sv. *About some features of transmission mode for active power of electrical line*. In: Problemele Energeticii Regionale. 2013, nr. 3(23), pp. 24-37. ISSN 1857-0070.
6. POSTORONCA, Sv.; VIERU, D. *Calcularea regimului tranzitoriu în circuitul cu sarcini distribuite de tip RL și RC*. In: Inginerie agrară și transport auto, Materialele Simpozionului Științifico-Practic Internațional „Realizări și perspective în inginerie agrară și transport auto”. Vol.45, 12-13 noiembrie 2015, Chișinău. Republica Moldova: Universitatea Agrară de Stat din Moldova, 2015, pp. 381-385. ISBN 978-9975-64-276-7.
7. BERZAN, V.; POSTORONCA, Sv.; VIERU, D.; TINTIUC, Iu. *A Generalized Approach to the Calculation Procedure of Distribution Network Steadystate and Transient Regime*. In: Problemele Energeticii Regionale. 2015, nr. 3(29), pp. 25-31. ISSN 1857-0070. CZU : 621.311.016.
8. TIRSU, M.; POSTORONCA, Sv.; MARTNOS, I. *Possibilities to increase the energy efficiency of buildings*. Conference SIELMEN October 2015, Proceedings of the 10th International Conference on Electromechanical and Power Systems, Craiova – Chisinau, ISBN 978-606-567-284-0.
9. POSTORONCA, Sv. *Model of calculation of the steadystate and transient regimes of the interconnection of two systems with gaps of frequencies values*. Theses of the 69th Scientific Conference of the master and PhD students of the State Agrarian University of Moldova, 23 of March 2016, Chisinau. Ch.: Proceedings UASM. –pp.88-90. ISBN 978-9975-64-281-1.
10. BERZAN, V.; ERMURACHI, Iu.; POSTORONCA, Sv.; COCIU, R. *Micro-inverter for photovoltaic modules*. 2016 International Conference and Exposition on Electrical and Power Engineering (EPE), Iasi, Romania, ISBN:978-1-5090-6130-3, DOI: 10.1109/ICEPE.2016.7781415.

11. SPEIAN, Au.; POSTORONCA, Sv. *Led billboards with increased display characteristics of light information and reduced power consumption*. In: Energetica Moldovei. Aspecte regionale de dezvoltare. Ediția III, 29 septembrie - 1 octombrie 2016, Chișinău. Republica Moldova: Institutul de Energetică al Academiei de Științe a Moldovei, 2016, pp. 63-67. ISBN 978-9975-4123-5-3. CZU: 620.92.
12. TIRSU, M.; BERZAN, V.; ANISIMOV, V.; POSTORONCA, Sv. *The method for storage of the energy generated by renewable sources*. In: Energetica Moldovei. Aspecte regionale de dezvoltare. Ediția III, 29 septembrie - 1 octombrie 2016, Chișinău. Republica Moldova: Institutul de Energetică al Academiei de Științe a Moldovei, 2016, pp. 562-565. ISBN 978-9975-4123-5-3.
13. BICOVA, E.; BERZAN, V.; POSTORONCA, Sv. *Прогноз структуры балансов по нефти, угля и природному газу в Республики Молдова до 2020 г. pp. 387-390*. Conferința Tehnico-Științifică a Colaboratorilor, Doctoranzilor și Studenților, Universitatea Tehnică a Moldovei, 26-28 noiembrie, 2015. Chișinău, 2016, vol. 1, pp. 387-390. ISBN 978-9975-45-440-7. ISBN 978-9975-45-441-4 (Vol.1). <http://repository.utm.md/handle/5014/873>, 2016.
14. BERZAN, V.; ERMURACHI, Iu.; POSTORONCA, Sv. *Power Supply Technology for Consumers by Smart Connection to the Medium Voltage Network : Proceedings of WEC Central & Eastern Europe Regional Energy Forum 13th Edition – FOREN 2016*. "Safe and Sustainable Energy for the Region". 12-16 July. Costinesti, Romania.
15. TIRSU, M.; POSTORONCA, Sv. *The potential of micro grids concept implementation in the Republic of Moldova*. Conference SIELMEN October 2017, Proceedings of the 10th International Conference on Electromechanical and Power Systems, Iasi – Chisinau, ISBN:978-1-5386-1847-9, DOI: 10.1109/SIELMEN.2017.8123343.
16. COLESNIC, I.; ANISIMOV, V.; POSTORONCA, Sv.; ANISIMOV, V. *Reduction of Power Consumption for Cathodic Protection of Reinforced Concrete Pillars* <http://repository.utm.md/handle/5014/7204>, 2017.
17. POSTORONCA, Sv. *Micro grids as a solution for increasing the reliability of power supply for consumers*. Proceedings of the 70th Scientific Conference of master and PhD students, The State Agrarian University of Moldova, 15-29 of March 2017, Section Electricity and automatization of rural area.
18. POSTORONCA, Sv. *Scientific support of the development of the energy sector in the Republic of Moldova*. Proceedings of the Conference "Știința modernă și energia", SME-2017, Edition XXXVI, 18-19 of May, 2017, Cluj-Napoca, Romania.
19. POSTORONCA, Sv., TIRSU M., LUPU M. *Impact of centralized and individual heating systems in residential buildings from Environmental Considerations*. Case study for Chisinau. Problemele energiei regionale. Institutul de Energetică, Chisinau, Republica Moldova. 2019, nr.43, - p.p.48-63. ISSN 1857-0070. <http://www.ie.asm.md>.
20. POSTORONCA, Sv. *Tendințe în evoluția infrastructurii sistemelor de alimentare cu energie electrică*. Conferința tehnico-științifică a studenților, masteranzilor și doctoranzilor, 26-29 martie 2019: [în 2 vol.] / Univ. Tehn. a Moldovei. – Chișinău : Tehnica-UTM, 2019 – p.p. 60/63. ISBN 978-9975-45-587-9. https://utm.md/wp-content/uploads/2019/06/2_Sectia_EIE.pdf.
21. OCLANSCHI, Gh.; POSTORONCA, Sv. *Efficientizarea funcționării sistemelor centralizate de alimentare cu energie termică prin micșorarea temperaturii agentului termic în conducta retur*. Conferința tehnico-științifică a studenților, masteranzilor și doctoranzilor, 26-29 martie 2019: [în 2 vol.] / Univ. Tehn. a Moldovei. – Chișinău : Tehnica-UTM, 2019 – p.p. 60/63. ISBN 978-9975-45-587-9. https://utm.md/wp-content/uploads/2019/06/2_Sectia_EIE.pdf.
22. POSTORONCA, Sv. *Aspecte tehnice importante privind funcționarea microrețelelor electroenergetice*. In: Conferința tehnico-științifică a studenților, masteranzilor și doctoranzilor. Volumul I, 1-3 aprilie 2020, Chișinău. Republica Moldova: 2020, pp. 97-100. ISBN 978-9975-45-632-6.
23. ПОСТОРОНКА, Св. *О некоторых технических особенностях распределенной генерации*. Н 76 Новые технологии в учебном процессе и производстве: Материалы XVIII Международной научно-технической конференции./ Под ред. Бакулиной А.А. – Рязань: pp. 408-411. Ряз. ин-т (филиал) Моск. пол. ун-та, –2020. – 604 с., ил.

Presentations

- Opportunities for smart integration of renewable energy sources in Moldova. Conference Sustainable Development of Energy, Waters and Environment Systems, SDEWES 2015, Dubrovnik, Croatia, 2015, September.
- Secure, clean and efficient energy sources in Horizon 2020. Event dedicated to the National and International Science day for peace and Development. 2016, November, 10th. Academy of Science of Moldova.
- Competitive energy with low carbon emissions Calls in Horizon 2020. European Energy days. 2016, June, 16th. City Hall in Balti, Moldova.
- Topics of the Energy Efficiency Call in Horizon 2020. Info day in the Institute of Applied Physics of the Academy of Sciences of Moldova. 2016, June.
- Open Calls in the Program Horizon 2020 for 2017 for Energy Efficiency domain. Info day in the Institute of Power Engineering of the Academy of Sciences of Moldova. 2017, February.
- Horizon 2020 Energy NCP – Participation to Horizon 2020/Energy Calls. Registration of the entities on Participant Portal. Workshop: A.SPIRE - cooperation opportunities and financing tools. European Energy week. 2018, June, 04-07. National Agency for Energy Efficiency in the Republic of Moldova.
- Registration on the Participant Portal Horizon 2020. Info week Horizon 2020. 2018, June 18th. Academy of Economy Studies of Moldova.
- Impact of centralized and individual heating systems in residential buildings from Environmental Considerations. Case study for Chisinau. International Scientific – practical Conference „Power and computer systems: Theory and Practice”. Ukraine, Odessa. 2019, June 24-27.
- Horizon 2020 Programme opportunities for the development of the bio-energy sector. Presentation at the EU Sustainable Energy Week. Supporting EaP cluster and EU cluster organization. NARD. 2019, July 16th.
- New Calls in updated WP for Energy and Transport thematic priorities of the Programme Horizon 2020. Discover EU Programme Horizon 2020 in Open Air. 2019, August 20-23rd.
- General presentation of the Green Deal. Horizon 2020 Green Deal Call. World science day for Peace and Development. NARD. 2020, November 6th.
- Set of political EU initiatives concerning Green Deal. Presentation at the Forum for Moldovan NGO from the environment. 2021, March 23rd.
- Approach of the Intellectual Property rights in the frame of EU Programmes for research and innovation. Annual science-practical Symposium „Lecturi AGEPI”. 2021, April, 26.

Projects

- "Theoretical bases of increasing the efficiency of the energy complex and assurance of the energy security". Code: 06.409.001F. Period 2006-2010. National project. Institute of Power Engineering. Director of the project dr.hab., acad., Vitalie Postolati. Goals of the project: elaboration and argumentation of the concepts, methods and mathematical models for the development of the decisions in the assurance of the efficient operation of the energy complex, increasing the energy security and reasonable use of energy sources.
- "Models, methods for calculation and analysis for the promotion of the sustainable development in the energy complex and increasing of the energy security". Code: 11.817.06.01F. Period 2011-2014. National project. Institute of Power Engineering. Director of the project dr.hab., Vladimir Berzan. Goals of the project: elaboration and argumentation of the concepts for the development of the links with the energy systems of neighbouring countries; use of the innovative components of Smart Grids, including overhead electric lines with self compensation and of the FACTS controllers.

- "The Development of the mechanisms for the increasing of the energy security of the country on the base of the promotion of adaptive energy technologies". Code 15.817.03.01F. Period 2014-2019. National project. Institute of Power Engineering. Director of the project dr.hab., Vladimir Berzan. Goals of the project: research concerning the operation of the national power system and identification of the opportunities of the development from the technological and engineering considerations.
- "Control of the flux of active and reactive electric power in distribution power network on the base of the Smart Grid concept using connected transformers under phases (CONFLUX)". Code 17.80013.5807.06/UA. Period 2017-2018. Bilateral project Moldova-Ukraine. Institute of Power Engineering. Director of the project dr., Dmitrii Zaitev. Goals of the project: for the distribution power network in the base of developed model in Matlab/Simulink to test the structural model of the transformer of added voltage for the further use in the process of calculation and analysis of parameters of the regime.
- "Elaboration of the measures for the increase of the efficiency of the energy consumption in replacing of the lamp for street lighting for LED type". Energy audit for the lighting system in Basarabeasca town. Period 2015, November,15-20. Director of the project PhD, Mihai Tîrsu.
- "Street lighting system in Calarasi town". Energy audit. Period 2015, November,25-30. Director of the project PhD, Mihai Tîrsu.
- "Street lighting system in Stefan Voda town". Energy audit. Period 2016, November,25-30. Director of the project PhD, Mihai Tîrsu.

Conferences

- Conference "Energy of Moldova 2016. Regional aspects of development". Chisinau, Moldova, 2016, September.
- 2015 International Conference on Electromechanical and Power Systems (SIELMEN 2015)", Craiova, Romania. 2015, October.
- 2017 International Conference on Electromechanical and Power Systems (SIELMEN 2017)", Iasi, Romania. 2017, October.
- Conference "Modern science and energy (Știința modernă și energia)", SME-2017, Edition XXXVI, 18-19 of May, 2017 Cluj - Napoca, Romania.
- Scientific and Technical Conference of students, masters and PhD students. Technical University of Moldova. Presentation „Contribution of the quality parameters of electric power for the distributed generation systems". Section B, Energy and power engineering. 2020, March, 24th.
- The XVIII International Scientific and Technical Conference „New technologies in the education and industry". Institute of Ryazan of the Federal state budget high educational institute „Moscow Polytechnic University". Presentation „About some technical peculiarities of the distributed generation", 2020, April 15-17.
- The XIX International Scientific and Technical Conference „New technologies in the education and industry". Institute of Ryazan of the Federal state budget high educational institute „Moscow Polytechnic University". Presentation „The use of approaches for the maintain of the quality parameters of electric power in the Microgrids", 2021, April 15-17.
- International Conference of masters and young scientists „High technologies in machine building and wind energy". Institute of Ryazan of the Federal state budget high educational institute „Moscow Polytechnic University". Chair of mechanical and technological disciplines. Presentation „Increasing the share of captured energy in the working wind generators in the Microgrids under the concept of distributed generation", 2021, April, 27th.

Memberships

- Member of the Scientific Advisory Board. Reviewer at the Scientific Conference SDEWES , Editions 2016-2021. Dubrovnik, Croatia.
- Member of the Working group for elaboration of the National Action Plan of Energy Efficiency measures for 2016-2018. The Agency of Energy Efficiency, Chisinau, Moldova.
- Member of the Working group for the elaboration of the National Strategy for combating proliferation of weapons of mass destruction and reducing the risks arising from chemical, biological, radiological and nuclear treatments for the years 2018-2027. The Ministry of Foreign Affairs and European Integration of the Republic of Moldova. Chisinau, 2016-2017.
- Member of the Scientific Council of the Institute of Power Engineering, Ministry of Education, Culture and Research, Chisinau, Moldova.
- Member of the Management Board of Joint Programme Initiatives on Antimicrobial Resistance (JPIAMR). Stockholm, Sweden.
- Participant of the STCU 49th Governing Board Meeting", Erevan, Armenia, 2019, November.

Courses

European Energy Manager

European Energy Management (EUREM), Specialization Course, elaborated and implemented by GIZ (Nuremberg, Germany) in the frame UNDP Moldova, Chamber of Commerce and Industry of the Republic of Moldova, 151, Stefan cel Mare si Sfânt Ave., Chisinau, Moldova. Management and implementation of the Energy Efficiency projects.

Courses Teacher of Teachers (TOT)

Teacher in EUREM Program, Chamber of Commerce and Industry of the Republic of Moldova, 151, Stefan cel Mare si Sfânt Ave., Chisinau, Moldova. Management and implementation of the Energy Efficiency projects.

Specialization Course

Accessing and financial management of the projects in the Program Horizon 2020, ADR (Agency for Regional Development) Nord-Est, CRS (Centre of Regional Studies) Nord-Est. Management of the projects in the Program Horizon 2020.

Specialization Course

Submission of European Projects in Horizon 2020. Project Gonta Plus. Mamaia, Romania. 2017, August. Rules for writing and submission projects in the Program Horizon 2020.

Onsite training Workshop for NCPs - C-Energy 2020 V2 (831748)

Venue: Bankhotel Art Congress Hall, 79000 Lviv, Lystopadovoho Chynu St., 8, Ukraine, 2019, June 12th.

Retreat 2019

Workshop for European coordinators from central public authorities engaged in the implementation of the the Moldova–European Union Association Agreement. Organisers: Ministry of Foreign Affairs and European Integration with the suport of Konrad adenauer stiftung. 2019, November 15-17.

Horizon 2020 Proposal Writing Camp for Moldova

Venue: National Agency for Research and Development Address: 180 Stefan cel Mare si Sfânt Ave., Chisinau Trainers: George Bonas & Manfred Spiesberger (International Cooperation Service Facility of the EC). 2019, December 3-5.

ANNEXES
Copies of degrees and qualifications

