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**Name**                    **Valentyna Moskalenko**  
**Phone number**        **+38(067) 715-87-12**  
**E-mail**                    **Valentyna.Moskalenko@khpi.edu.ua**



### **PROFESSIONAL AND ACADEMIC POSITIONS:**

- 2022 to current    Professor, Department of Information Systems and Technologies, Educational and Scientific Institute of Computer Science and Information Technologies (before 2022 – Faculty of Computer Science and Software Engineering), National Technical University "Kharkiv Polytechnic Institute".
- Professor (part-time), Department of Software Engineering and Management Intelligent Technologies (before 2022 – Department of Software Engineering and Management Information Technologies), Educational and Scientific Institute of Computer Science and Information Technologies, National Technical University "Kharkiv Polytechnic Institute".
- 2020 -2022        Professor, Department of Software Engineering and Management Intelligent Technologies, Faculty of Computer Science and Software Engineering, National Technical University "Kharkiv Polytechnic Institute».
- 2016 – 2020        Associate Professor, Department of Software Engineering and Information Technology Management, Faculty of Computer Science and Software Engineering, National Technical University "Kharkiv Polytechnic Institute».
- 2013– 2016        Doctoral student, National Technical University "Kharkiv Polytechnic Institute».
- 1999 – 2013        Associate Professor, Department of Automated Control Systems, National Technical University "Kharkiv Polytechnic Institute».
- 1997 – 1999        Senior Lecturer, Department of Automated Control Systems, Kharkiv State Polytechnic University.
- 1994– 1997        Assistant, Department of Automated Control Systems, Kharkiv State Polytechnic University.
- 1993-1994        Software engineer of the 1st category; Department of Automated Control Systems, Kharkiv State Polytechnic University.
- 1988-1993        Design engineer, Ukrainian State Design Institute "Tyazhpromavtomatika", Kharkiv

### **EDUCATION:**

Doctor of Engineering Science (January 2020) National Technical University "Kharkiv Polytechnic Institute"; Kharkiv, Ukraine,  
Area: Information Technologies.  
Ph.D. (Engineering Science) (June 1999) Kharkiv State Polytechnic University, Kharkiv, Ukraine.  
Area: Automated management systems and progressive information technologies.

Specialist Degree (Systems analyst engineer, 5,5 years, Honors Diploma) (February 1988) Kharkiv Polytechnic Institute, Kharkiv, Ukraine.  
Majoring: Automated Control Systems.

### **COURSES TAUGHT**

Extensive teaching at all university levels: Bachelor/Master/PhD:

- Fundamentals of computer science and artificial intelligence methods (in English and Ukrainian),
- Probability theory and mathematical statistics (in English and Ukrainian),
- Business analysis methods for requirements management (in Ukrainian),
- Software requirements engineering (in Ukrainian),
- Methods of computational intelligence (in Ukrainian),
- Fundamentals of Machine Learning (in Ukrainian),
- Introduction to neural networks (in Ukrainian),
- IT project management standards and methodologies (in Ukrainian),
- Big Data (in Ukrainian),
- Information technologies of processing big data (in Ukrainian).

### **FIELDS OF RESEARCH INTEREST:**

- development of information systems for strategic company management,
- application of computer intelligence methods and models for solving problems of managing complex organizational systems,
- business analytics.

### **SUMMARY OF CAREER ACHIEVEMENTS**

- Prepared and published more than 130 research papers and textbooks
- (h-index = 6 in Google Scholar - <https://scholar.google.com.ua/citations?user=eUidJHIAAAAJ&hl=ru>,
- <https://www.scopus.com/authid/detail.uri?authorId=36021571200>,
- <https://orcid.org/0000-0002-9994-5404>.)
- Took a leading role in research projects (in the field of IT, 2003–2020). Ensured the effective execution of these projects development of models and methods for making effective decisions on planning the development of an enterprise, applied information technologies for the formation of strategic programs for the development of enterprises in various sectors of the economy).
- Encouraged and empowered staff to develop their careers and reach their full potential (e.g., through coaching 2 PhD students in Information Technology, 2 got their PhD degrees).
- Scientific supervisor of the initiative research work "Development of a complex of control models for dynamic systems under uncertainty", (01.2021p. - 12.2022 p.) K8013, UDC 004.9: 519.8, No.DR 0121U108872.
- guarantor of the Educational and Scientific Program "Computer Science and Intelligent Systems", second (master's) level.
- Member of the editorial board of the Bulletin of the KhPI National Technical University. Series: System analysis, management and information technologies = Bulletin of the National Technical University "KhPI". Series: System analysis, control and information technology: coll. of science pr. / Nats. technical Kharkiv University. polytechnic institute". — Kharkiv: NTU "KhPI", ISSN 2079-0023 (Print), ISSN: 2410-2857 (Online). (Category B of the "List of Scientific and Professional Publications of Ukraine").

- Participation in the international project "DIGI-WOMEN - Tools of digital entrepreneurship and support of women entrepreneurs, project under contract No. 2020-1-BG01-KA204-079272", co-financed by the Erasmus+ program of the European Union

### **PROFESSIONAL MEMBERSHIPS:**

- Full member of the public organization "Ukrainian Scientific and Educational IT Society", Certificate № 20-00090 FS.
- Member of the specialized scientific council of NTU "KhPI" for awarding the scientific degree of Doctor of Sciences D 64.050.20 in the specialty 05.13.06 "Information technologies".

### **RELATED PUBLICATIONS**

#### **Books**

- Moskalenko V.V. Modern theory of enterprise management: laboratory workshop / V. V. Москаленко, N.G. Fonta. - Kharkiv: NTU "KhPI", 2017. - 368 p. Recommended by the Academic Council of NTU "KhPI" as a laboratory workshop for students of the first bachelor's level in the field of knowledge 12 - "Information Technology" in the specialty 122 - "Computer Science and Information Technology", protocol № 6 from 07.07.2017.
- Moskalenko V.V., Godlevsky M.D. Models and methods of strategic management of enterprise development: monograph / V.V. Moskalenko, M.D. Godlevsky. - Kharkiv: NTU "KhPI", 2018. – 208 p.

#### **Papers**

- Moskalenko V., Santalova A., Fonta N., Nikulina, E. The value of shares prediction in an unstable economy using neural networks. Proceedings of the 6<sup>th</sup> International Conference on Computational Linguistics and Intelligent Systems (COLINS 2022). – Vol. 1 – P. 1202-1215.  
<https://www.scopus.com/record/display.uri?eid=2-s2.0-85134743619&origin=resultslist&sort=plf-f>
- Moskalenko V., Fonta N., Grinchenko M., Nikulina, E., Yershova S. Information technology of determination the company's financial condition for the financial planning subsystem of the EPM system Radioelectronic and computer systems. – Kharkiv: NAU «KhAI», 2022. – № 2. – P. 83-96.  
<https://www.scopus.com/record/display.uri?eid=2-s2.0-85134395161&origin=resultslist&sort=plf-f>
- Moskalenko, V., Santalova, A., Fonta, N. A study of neural networks for forecasting the value of company shares in an unstable economy. // Bulletin of the National Technical University "KHPI". Series: System analysis, control and information technology: зб. Science. etc. / Nat. tech. University "Kharkiv. Polytechnic Inst. - Kharkiv: NTU "KhPI", 2022. – № 2 (8), C. 16–23. doi:10.20998/2079-0023.2022.02.03,  
<http://samit.khpi.edu.ua/article/view/271626>.
- Moskalenko, V., Fonta, N. The method of constructing a development trajectory as the basis of an intelligent module for strategic planning of the EPM system. Proceedings of the 5th International Conference on Computational Linguistics and Intelligent Systems (COLINS 2021). –Vol. 1. – P. 1540–1550.  
<https://www.scopus.com/record/display.uri?eid=2-s2.0-85107190122&origin=resultslist&sort=plf-f>
- Moskalenko, V., Fonta, N. The Cascading Subsystem of Key Performance Indicators in the Enterprise Performance Management System // Lecture Notes in Networks and Systems, 2021. – Vol. 188. – P. 704–715. doi: 10.1007/978-3-030-66717-7\_60,  
<https://www.scopus.com/record/display.uri?eid=2-s2.0-85101302105&origin=reflist>

- Moskalenko, V., Fonta, N., Grinchenko, M. The method of forming a dynamic projects portfolio of IT companies // CEUR Workshop Proceedings of the 1st International Workshop IT Project Management (ITPM 2020). – Vol. 2565. – P. 152-161.  
<https://www.scopus.com/record/display.uri?eid=2-s2.0-85082127337&origin=resultslist&sort=plf-f>
- Yevseiev, S., Tsyhanenko, O., Gavrilova, A., Guzhva, V., Milov, O., Moskalenko, V., Opirskyy, I., Roma, O., Tomashevsky, B., & Shmatko, O. Development of Niederreiter hybrid crypto-code structure on flawed codes. Eastern-European Journal of Enterprise Technologies, 2019. – Vol. 1(9(97)). – P.27–38. doi: 10.15587/1729-4061.2019.156620.  
<https://www.scopus.com/record/display.uri?eid=2-s2.0-85063633421&origin=resultslist&sort=plf-f>
- Moskalenko V.V. Method of building the trajectory of enterprise development for strategic purposes / V.V. Moskalenko, H.Г. Fonta, S.I. Yershova, O.V. Afanasyev // Information processing systems. - 2019. - № 2 (157). - P. 7–12. DOI: 10.30748/soi.2019.157.01.  
[http://repository.kpi.kharkov.ua/bitstream/KhPI-Press/52527/1/SOI\\_2019\\_2\\_Moskalenko\\_Metod\\_pobudovy.pdf](http://repository.kpi.kharkov.ua/bitstream/KhPI-Press/52527/1/SOI_2019_2_Moskalenko_Metod_pobudovy.pdf)
- Moskalenko V.V. Algorithmic module of investment program formation within the framework of decision support system for enterprise development / V.V. Moskalenko, S.I. Kachanova // Bulletin of the National Technical University "KHPI". Series: System analysis, control and information technology: 36. Science. etc. / Nat. tech. University "Kharkiv. Polytechnic Inst. - Kharkiv: NTU "KhPI", 2018. – № 21 (1297). - P. 65-69. doi:10.20998/2079-0023.2018.21.12.  
[http://samit.khpi.edu.ua/article/view/2079-0023.2018.21.12.](http://samit.khpi.edu.ua/article/view/2079-0023.2018.21.12)