Name	**Nataliia Fonta**
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PROFESSIONAL AND ACADEMIC POSITIONS:

2014 – current   Associate Professor, 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 (before 2022 – Faculty of Computer Science and Software Engineering), National Technical University "Kharkiv Polytechnic Institute".

2017 – current   Business/Data analyst, DataArt Solution, Inc.

2015 – 2017   Business Analyst, "Telesence" LLC

2010 – 2014   Senior Lecturer, Department of Software Engineering and Information Technology Management, Faculty of Computer Science and Software Engineering, National Technical University "Kharkiv Polytechnic Institute";

2006– 2010   Assistant, Department of Automated Control Systems, National Technical University "Kharkiv Polytechnic Institute".

2004 -2006   Software engineer of the 1st category; Department of Automated Control Systems, National Technical University "Kharkiv Polytechnic Institute";

EDUCATION:

Ph.D. (Technical) October, 2013 National Technical University "Kharkiv Polytechnic Institute", Kharkiv, Ukraine

Specialization: Information Technologies

Specialist Degree (Foreign economic activity management, 5,5 years, Honors Diploma) (February, 2004) National Technical University "Kharkiv Polytechnic Institute", Ukraine

COURSES TAUGHT

Extensive teaching at all university levels: Bachelor:
  - Numerical methods (in English);
  - Probability theory (in English);
  - Mathematical statistics (in English);

FIELDS OF RESEARCH INTEREST:

  - modeling the strategic management process using computational intelligence methods;
  - business analytics;

- system analysis;
- development and implementation of information management systems

SUMMARY OF CAREER ACHIEVEMENTS

- Prepared and published more than 60 research papers, textbooks and monographs
  Google Scholar: https://scholar.google.com.tw/citations?hl=ru&pli=1&user=we3S6nwAAAAJ;
  Scopus: https://www.scopus.com/authid/detail.uri?authorId=57215861869;
  ORCID: https://orcid.org/0000-0001-5593-1409.

PROFESSIONAL MEMBERSHIPS:

- Full member of the public organization "Ukrainian Scientific and Educational IT Society", Certificate № 21-00003 FS.

RELATED PUBLICATIONS

Books

1. Modern theory of enterprise management: laboratory workshop / V.V. Moskalenko, 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

2. Methodological instructions for the implementation of the economic justification for the project regarding the development of software for a diploma thesis of the educational and qualification level "master": for students of special. 121 – Software engineering, 122 – Computer science, 126 – Information systems and technologies in the field of knowledge, 12 – Information technologies / edited by: V. V. Moskalenko, O. M. Nikulina, N. G Fonta; National technical University "Kharkiv Polytechnic Institute". - Kharkiv: Madrid Printing House, 2022. - 44 p.
http://repository.kpi.kharkov.ua/handle/KhPI-Press/59076

3. Methodical instructions for laboratory work in the discipline "Theory of Probability and Mathematical Statistics": for students of specialty 121 – Software engineering, 122 – Computer science, 126 – Information systems and technologies in the field of knowledge, 12 – Information technologies. Part 1. Probability theory / edited by: V. V. Moskalenko, N. G. Fonta; National technical University "Kharkiv Polytechnic Institute". - Kharkiv: Madrid Printing House, 2022. - 108 p.
http://repository.kpi.kharkov.ua/handle/KhPI-Press/59073

4. Methodical instructions for the implementation of the economic justification for the project regarding the development of software for the diploma thesis of the educational qualification level "bachelor": for students of specialty 121 – Software engineering, 122 – Computer science, 126 – Information systems and technologies in the field of knowledge, 12 – Information technologies / editor: V. V. Moskalenko, O. V. Shmatko, N. G Font; National technical University "Kharkiv Polytechnic Institute". - Kharkiv: Madrid Printing House, 2022. - 36 p.
http://repository.kpi.kharkov.ua/handle/KhPI-Press/59075

Papers

1. 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. // CEUR Workshop Proceedingsthis link is disabled, 2021, 2870, pp. 1540–1550.

2. Moskalenko V., Fonta N. (2021) The Cascading Subsystem of Key Performance Indicators in the Enterprise Performance Management System. In: Nechyporuk M., Pavlikov V., Kritskiy D. (eds)

Integrated Computer Technologies in Mechanical Engineering - 2020. ICTM 2020. Lecture Notes in Networks and Sy stems, vol 188. Springer, Cham. https://doi.org/10.1007/978-3-030-66717-7_60, https://link.springer.com/chapter/10.1007%2F978-3-030-66717-7_60)

3. Moskalenko, V., Fonta, N., Grinchenko, M. The method of forming a dynamic projects portfolio of IT companies // CEUR Workshop Proceedings. 2020. Vol. 2565: Proceedings of the 1st International Workshop IT Project Management (ITPM 2020). p. 152-161. (Slavsko, Lviv Region; Ukraine; 18 February 2020 - 20 February 2020)

4. Method of building the trajectory of enterprise development for strategic purposes / V.V. Moskalenko, N.G. Fonta, S.I. Yershova, O.V. Afanasyev // Information processing systems. - 2019. - № 2 (157). - p. 7–12.

5. V. V. Moskalenko, N. G. Fonta, I. A. Myronyuk. Information technology of cascading strategic efficiency indicators to enterprise budget indicators / V.V. V. Moskalenko, N. G. Fonta, I. A. Myronyuk // Information processing systems. — 2017. — No. 2(148). — P. 195-199..

6. The method of building the company's development trajectory for a strategic goal / V.V. Moskalenko, N.G. Fonta, S.I. Yershova, O.V. Afanasyev// Information processing systems. – 2019. – No. 2(157). – p. 7–12.

7. The value of shares prediction in an unstable economy using neural networks / V. Moskalenko, A. Santalova, N.Fonta, E. Nikulina,. Conference Paper 6th International Conference on Computational Linguistics and Intelligent SystemsVolume I: Main Conference, COLINS 2022, Lviv, 22 April 2021 - 23 April 2021, 169205. CEUR Workshop Proceedings, 2022, 2870, P. 1202–1215 //https://www.scopus.com/record/display.uri?eid=2-s2.0-85107190122&origin=resultslist

8. Information technology of determination the company's financial condition for the financial planning subsystem of the EPM system/V. Moskalenko, N. Fonta, O. Nikulina, M. Grinchenko, S.Ershova // Radioelectronic and computer systems 2 (2022), 83-96. DOI: 10.32620/reks.2022.2.07. //https://www.scopus.com/record/display.uri?origin=recordpage&zone=relatedDocuments&eid=2-s2.0-85101302105&noHighlight=false&relpos=0