

Name **Nataliia Fonta**
E-mail **Natalia.Fonta@khopi.edu.ua**



PROFESSIONAL AND ACADEMIC POSITIONS:

- 2014 – current Associate Professor, Department of Software Engineering and Information Technology Management, 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

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

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 Proceedings this 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 Systems, 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. В. В. Москаленко, Н. Г. Фонта, И. А. Миронюк. Информационная технология каскадирования стратегических показателей эффективности до показателей бюджетов предприятия / В. В. Москаленко, Н. Г. Фонта, И. А. Миронюк // Системи обробки інформації. — 2017. — № 2(148). — С. 195-199.
6. Метод побудови траєкторії розвитку підприємства для стратегічної цілі / В.В. Москаленко, Н.Г. Фонта, С.І. Єршова, О.В. Афанас'єв // Системи обробки інформації. – 2019. – № 2(157). – С. 7–12
7. Москаленко В. В., Захарова Т. В. , Фонта Н.Г. Концепция технологии формирования показателей деятельности предприятия как основа ЕРМ-системы. //Системи обробки інформації. –2015. – Вип.9(134). – С. 148-153.
8. Шматко О. В., Фонта Н.Г., Манєва Р.І.Проектирование информационной системы управления вертикально-интегрированными агрохолдингами. / Вісник Національного технічного університету «ХПІ». Серія: Стратегічне управління, управління портфелями, програмами та проектами. – - Харків: НТУ «ХПІ», 2015. - № 1 (1110). – С. 96-103.